

PHILHON AUSTIN PEAY STATE UNIVERSITY

GO SUCCCEED

UNDERGRADUATE BULLETIN



The 2010-2011 University Undergraduate Bulletin

The 2010-2011 Undergraduate University Bulletin was prepared in the spring of 2010. The material presented is for informational purposes only and should not be construed as the basis of a contract between a student and Austin Peay State University.

The provisions of this Bulletin will ordinarily be applied as stated; however, the University reserves the right to change any provision listed in this Bulletin, including, but not limited to, academic requirements for graduation, without actual notice to individual students.

The Class Schedule is available on the APSU website each semester and is considered an extension of the Bulletin; the online Schedule is updated as changes in availability of classes occur.

Every effort will be made to keep students informed of any new information and/or changes in provisions listed in this Bulletin. APMail email is the official communication method used by the University to communicate important information to all students. Students are deemed to have received notifications delivered to their respective APMail email address by the University. Failure to promptly check or open email messages delivered to student's APMail email address will not excuse a student from the responsibility to act in accordance therewith or extend/delay deadlines contained therein. Students are strongly encouraged to check their APMail email account on a daily basis for messages requiring their prompt attention. Students are strongly discouraged from forwarding APMail email to another email provider. The University hereby disclaims any and all responsibility for the security and confidentiality of information contained in messages forwarded from APMail email to another email provider.

While APMail email is the official communication method used by the University, instructors and students are strongly encouraged to use the Desire-2-Learn(D2L) email system for communications pertaining to courses and course materials. **For all online courses, D2L is the official method of email communication between instructors and students.** Failure to promptly check or open email messages delivered to student's D2L email address will not excuse a student from the responsibility to act in accordance therewith or extend/delay deadlines contained therein for any Web-based course. For on-campus and hybrid courses, students and instructors should use the D2L email system whenever possible.

Students must accept the responsibility for staying informed regarding the graduation requirements for the degrees they are pursuing. Therefore, scheduled appointments with an assigned academic adviser each semester are required before the student can enroll.

The University is a member of the following associations:

- American Association of Colleges for Teacher Education
- American Association of Collegiate Registrars and Admissions Officers
- American Association of State Colleges and Universities
- Association of Intercollegiate Athletics for Women
- Conference of Southern Graduate Schools
- Consortium for Student Retention Data Exchange (CSRDE)
- Council of Colleges of Arts and Sciences
- Council of Graduate Schools
- National Academic Advising Association (NACADA)
- National Association for Campus Activities
- National Association for Student Personnel Administrators
- National Collegiate Athletic Association
- Ohio Valley Conference
- Servicemembers Opportunity Colleges
- Southern Association of Collegiate Registrars and Admissions Officers
- SREB Council on Collegiate Education for Nursing
- Tennessee Alliance for Continuing Higher Education
- Tennessee College Association
- Tennessee Conference of Graduate Schools

Austin Peay State University is an equal opportunity employer committed to the education of a non-racially identifiable student body. APSU affirms that it does not discriminate based on race, color, religion, national origin, sex, sexual orientation, age, disability or veteran status in the educational programs or activities which it operates, nor in admission to or employment in such programs or activities.

APSU adheres to the requirements of Title VI and VII of the Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972, as amended, Sections 799A and 946 of the Public Health Service Act, the Age Discrimination Act of 1975, the Rehabilitation Act of 1973, Americans with Disabilities Act of 1990, Executive Orders 11246 and 11375, and the related regulations to each.

APSU reaffirms that it does not discriminate in employment based on race, color, religion, sex, age, disability or national origin and that it has taken affirmative action on behalf of minorities and women, as prescribed by the Equal Pay Act of 1963, as amended, Title VII of the Civil Rights Act of 1964, as amended, Executive Order 11246 and 11375, as amended, Age Discrimination in Employment Act of 1967, as amended, the Rehabilitation Act of 1973, as amended, the Americans with Disabilities Act of 1990, the Vietnam Era Veterans' Readjustment Assistance Act of 1974 and the Pregnancy Discrimination Act of 1978. Also see University Affirmative Action Philosophy in STUDENT HANDBOOK AND PLANNER. Inquiries regarding these acts may be directed to the Vice President for Legal Affairs and Strategic Planning, Browning Building Room 151, telephone (931) 221-7572.



**Undergraduate Bulletin
2010-2011**

WWW.APSU.EDU

Table of Contents

Programs of Study Index	7
Telephone and Web Directory	11
University Calendar	13
About Austin Peay State University	19
APSU Today	19
Accreditation	19
Institutional Mission	20
Educational Goals	20
Admission to Austin Peay	25
Undergraduate Admission Policies	25
Tuition, Fees and Financial Aid	37
Tuition and Fees	37
Student Financial Aid and Veterans Affairs	42
Other Financial Services	47
University Academic Policies	53
University-Wide Degree Requirements	71
Programs of Study	77
College of Arts and Letters	79
African American Studies Minor	80
Department of Art	81
Department of Communication and Theatre	90
Department of History and Philosophy	102
Asian Studies Minor	106
Honors Program	108
Department of Languages and Literature	109
Department of Music	120
Women's and Gender Studies Minor	133
College of Behavioral and Health Sciences	135
School of Nursing	136
Department of Health and Human Performance	139

4 Table of Contents

International Studies Minor	145
Military Science and Leadership	148
Department of Political Science	149
Prelaw	152
Department of Psychology	152
Department of Social Work	154
Department of Sociology	156
College of Business	159
Department of Business	161
Department of Accounting, Economics and Finance	163
Department of Management, Marketing and General Business	166
College of Education	171
College of Science and Mathematics	181
Department of Agriculture	183
Preveterinary Medicine Concentration	187
Preagricultural Education	190
Prefood Technology	191
Preforestry	192
Prewildlife	193
Department of Allied Health Sciences	194
Department of Biology	197
Preoptometry	201
Pre-Physical Therapy	201
Preprofessional Health	202
Department of Chemistry	202
Prenatal Hygiene	211
Pre dentistry	212
Premedicine	213
Prepharmacy	215
Department of Computer Science and Information Technology	217
Department of Geosciences	221
Department of Mathematics	227
Department of Physics and Astronomy	231
Preengineering	233
Preprofessional Programs	233
Graduate Studies	234
Special Programs of the University	237
Student Life	247
Honors and Awards	250
Student Right to Know	253
Student Services	256
Course Descriptions	261
Glossary	261
Academic Support	262
Accounting	263
African American Studies	266
Agriculture	267
Art	272

Astronomy	277
Biology	279
Business Law	285
Chemistry	285
Chemical Engineering Technology	290
Chinese	291
Classics	291
Communication Arts	293
Computer Science	302
Dance	310
Decision Sciences	311
Early Childhood	312
Economics	313
Education	315
English	317
Finance	323
French	324
General Business	326
Geography	326
Geology	330
German	333
Global Security Studies	335
Greek	335
Health and Human Performance	336
History	341
International Studies	348
Japanese	348
Latin	349
Leadership Studies	350
Linguistics	352
Management	353
Management Information Systems	354
Marketing	354
Mathematics	357
Medical Technology	362
Military Science and Leadership	365
Music	367
Nursing	374
Philosophy	377
Physical Education Activities	380
Physics	380
Political Science	385
Psychology	390
Quantitative Methods	396
Radiologic Technology	396
Reading	399
Science	400
Social Work	400
Sociology	405

6 Table of Contents

Spanish	408
Special Education	410
Swedish	412
Theatre	412
Women's and Gender Studies	416
APSU Center @ Fort Campbell	419
School of Technology and Public Management	419
Degrees and Academic Programs	420
Bachelor of Science Degree	420
School of Technology and Public Management	422
Department of Engineering Technology	423
Department of Professional Studies	433
Department of Public Management and Criminal Justice	435
Department of Criminal Justice	437
Associate of Applied Science Degree	439
Management Technology	439
Occupational Studies	442
APSU Center @ Fort Campbell	
Course Descriptions	447
Glossary	447
Automotive Technology	447
Computer Technology and Information	
Management	449
Construction Technology	453
Criminal Justice	456
Culinary Arts	460
Electronics Technology	461
Engineering Technology	463
Food Service Technology	471
Management Technology	472
Professional Studies	474
Public Management	478
Appendixes	483
Appendix A: High School Units That Meet Tennessee	
Board of Regents Admissions Requirements	483
Appendix B: Means for Removing High School	
Unit Deficiencies	485
Appendix C: Regulations for Classifying Students	
In-State or Out-of-State for the Purpose of	
Paying Fees and Tuition	486
Administration and Faculty	489
Tennessee Board of Regents	489
Tennessee Higher Education Commission	489
Administrative Offices	490
Faculty	491
Emeritus Administration and Faculty	506
Administration	509
Index	513
Buildings, Offices and Departments	520

Programs of Study Index

Undergraduate Degrees - Main Campus

Art B.A., B.F.A.
 Biology B.S.
 Chemistry B.S.
 Communication Arts B.A., B.S.
 Computer Science and Information
 Systems B.S.
 Interdisciplinary Studies B.S.
 English B.A., B.S.
 Foreign Languages B.A.
 Geosciences B.S.
 General Agriculture B.S.
 Health B.S.
 Health and Human Performance B.S.
 History B.A., B.S.
 Mathematics B.S.
 Medical Technology B.S.
 Music B.A., B.S.
 Nursing B.S.N.
 Philosophy B.A., B.S.
 Physics B.S.
 Political Science B.A., B.S.
 Psychology B.A., B.S.
 Radiologic Technology B.S.
 Science
 Social Work B.S.
 Sociology B.S.
 Special Education B.S.

Honors Program

(See Honors Program section of this
 Bulletin.)

Formal Minors

Accounting
 African American Studies
 Agriculture
 Art
 Art History
 Art (Studio)
 Asian Studies
 Astronomy
 Biology
 Chemistry
 Classical Civilization
 Classical Languages
 Communication Arts
 Computer Networking
 Computer Science
 Creative Writing
 Dance
 Economics
 Engineering Technology
 English
 English Writing
 Environmental Studies
 Ethical Studies
 Family Studies

8 Programs of Study

Finance
Forensic Chemistry
French
General Business
Geography
Geographic Information Systems
Geology
German
Global Security Studies
Graphic Design
Greek
Health
History
International Studies
Internet and Web Technology
Journalism
Latin
Latin American Studies
Management
Marketing
Mathematics
Military Science
Music
Philosophical Studies
Photography
Physical Education
Physics
Political Science
Popular Culture
Professional Education
Professional Writing
Psychology
Real Estate
Religious Studies
Sociology
Spanish
Theatre
Weather Broadcasting
Women's Studies

Preprofessional Programs - Main Campus

Dental Hygiene
Dentistry
Engineering
Food Technology
Forestry
Health
Law

Medicine
Optometry
Pharmacy-2 Year
Pharmacy-3 Year
Physical Therapy
Professional Health
Veterinary Medicine
Wildlife

Undergraduate Degrees APSU Center @ Fort Campbell

Criminal Justice B.S.
Engineering Technology B.S.
Professional Studies B.P.S.
Public Management B.S.

Associate Degrees Austin Peay Center @ Fort Campbell

Computer Technology and Information
Management A.A.S.
Liberal Arts A.S.
Management Technology A.A.S.
Occupational Studies A.A.S.

Undergraduate Online Degrees @ APSU

Liberal Arts A.S.
Management Technology, Concentration:
Police Science and Administration A.A.S.
Computer Science and Information Systems,
Concentration: Information Systems B.S.
Communication Arts, Information
Specialist B.A., B.S.
Criminal Justice, Concentration: Homeland
Security B.S.
Political Science and Legal Studies B.A., B.S.
Professional Studies B.P.S.
Registered Nurse to B.S.N.

Accelerated Bachelors Degree

Professional Studies B.P.S.

Graduate Degrees - Master's

Advanced Studies in Teaching and Learning
M.Ed.
Arts in Teaching M.A.T.
Biology M.S.
Communication Arts M.A.
Counseling M.S.

Curriculum and Instruction M.A.Ed.
Educational Leadership Studies M.A.Ed.
English M.A.
Health and Human Performance M.S.
Health and Physical Education M.A.Ed.
Management M.S.
Music M.Mu.
Nursing M.S.N.
Psychology M.A.
Reading M.A.Ed.
Regents Education M.Ed.
Social Work M.S.W.

Graduate Degree - Education Specialist

Education Ed.S.

Graduate Online Degrees At APSU

Communication Arts, Specialization:
Corporate Communication M.A.
Curriculum and Instruction, Specialization:
Instructional Technology M.A.Ed.

Curriculum and Instruction, Specialization:
Advanced Studies, Specialty Areas in
Language Arts/Reading or Science
M.A.Ed.
Health and Human Performance,
Specialization: Health Services
Administration M.S.
Management M.S.
Military History M.A.
Psychology, Concentration: Industrial/
Organizational Psychology M.A.

Graduate Regents Online Degrees

Education M.A.
Nursing M.S.

Graduate Education Licensure

(See Coordinator of Education within the
College of Education.)

Telephone and Web Directory

Academic Affairs	221-7676	www.apsu.edu/academic-affairs/
Admissions	221-7661	www.apsu.edu/admissions/
Admissions Toll Free	800-844-APSU (2778)	
Affirmative Action	221-7178	www.apsu.edu/affirm_action/
African American Cultural Center	221-7120	www.apsu.edu/AACC/
Alumni	221-7979	www.apsu.edu/alumni/
Athletics	221-7904	www.apsu.edu/athletics/
Baptist Collegiate Ministry	647-6940	www.apsu.edu/bcm/
Bookstore	221-7655	www.apsubookstore.com/
Business Office	221-7671	www.apsu.edu/businessoffice/acctrec/
Career and Advancement Services	221-7896	www.apsu.edu/careers/
Catholic Student Union	645-3887	
Child Learning Center	221-6234	www.apsu.edu/cl/
Church of Christ Student Center	647-9575	www.ccscapsu.org
Counseling Services	221-6162	www.apsu.edu/counseling
Disability Services	221-6230	www.apsu.edu/disability/
Voice/TDD	221-6278	
Education Opportunity Center	221-7481	www.apsu.edu/eoc/
Extended and Distance Education	221-7816	www.apsu.edu/ext_ed/
Finance and Administration	221-7883	www.apsu.edu/fin_admin/
Financial Aid	221-7907	www.apsu.edu/financialaid/
Fort Campbell	221-1400	www.apsu.edu/apfc/
Foy Fitness & Recreation Center	221-7564	www.apsu.edu/recreation
Graduate Studies (College of)	221-7414	www.apsu.edu/cogs/
Health Services	221-7107	www.apsu.edu/healthservices/
Help Desk (Information Technology)	221-4357	www.apsu.edu/helpdesk/
Hispanic Cultural Center	221-6645	www.apsu.edu/hcc/
Honors Program	221-7714	www.apsu.edu/coal/honors.htm
Information Desk @UC Lobby	221-6000	

12 Telephone and Web Directory

Library	.221-7346	.library.apsu.edu/
President's Emerging Leaders Program	.221-7566	.www.apsu.edu/pelp
Public Relations & Marketing	.221-7459	.www.apsu.edu/prandpubs
Public Safety	.221-7786	.www.apsu.edu/police/
Registration and Transcripts	.221-7121	.www.apsu.edu/registrar/
Student Affairs	.221-7341	.www.apsu.edu/student_affairs/
Student Government Association	.221-7262	.www.apsu.edu/sga
Student Life and Leadership	.221-7431	.www.apsu.edu/sll
Student Publications	.221-7376	.www.apsu.edu/student_pubs/
Student Support Services	.221-6142	.www.apsu.edu/sss/
TRIO Student Support Services	.221-6142	.www.apsu.edu/ext_ed/trio.htm
Veterans Affairs (MC)	.221-7907	.www.apsu.edu/vaoffice/
Veterans Affairs (FC)	.221-1462	
Wesley Foundation	.647-6412	.web.mac.com/apsuwesley/iWeb/Site/Welcome.html
Toll Free	.1-800-508-0056	

Area code is (931) unless otherwise designated:

*All correspondence can be addressed to: Austin Peay State University, Clarksville, TN 37044.

University Home Page: www.apsu.edu

University Calendar

Advisement, Registration and Orientation for New Students: All new freshmen and transfer students who have been approved for admission for the Fall Semester are encouraged to come to the campus during the summer for Summer Welcome (New Student Registration and Orientation) by reservation through the Office of Admissions. Accepted applicants will receive details about the orientation program.

The calendar is subject to change at any time prior to or during an academic term due to emergencies or causes beyond the reasonable control of the institution, including severe weather, loss of utility services or orders by federal or state agencies.

Fall 2010 Semester

- July 23 Application deadline; Civilian conditionally admitted students WILL NOT be allowed to register late.
- Aug 22 Classes will be dropped for preregistered students who have not paid and/or confirmed classes by 7:00 p.m.
- Aug 26 Residence halls open for freshmen and transfers only, 8:00 a.m.-3:00 p.m.
- Aug 28 Classes begin
- Aug 29 Last day to receive 100% fee adjustment; Last day to pay fees and/or confirm classes by 7:00 p.m. or classes will be dropped
- Aug 30 Last day for remaining students to claim residence hall assignment
- Aug 29-31 Late registration; drop/add
- Sept 6 Labor Day holiday – University closed
- Sept 10 14th day; Last day to drop without record; Last day to receive 75% fee adjustment
- Sept 17 Last day to apply for December 2010 graduation
- Sept 23 Last day to receive 25% fee adjustment
- Oct 8 Last day to drop with an automatic “W”
- Oct 11 Grad Finale, 2-6 p.m.
- Oct 12 Grad Finale, 10 a.m.-2 p.m.
- Oct 18-19 Fall break – No classes

14 University Calendar

- Oct 23 First session classes end
- Oct 24 Second session classes begin
- Nov 8 Last day to drop a course before the mandatory "F" period, instructor's signature required
- Nov 8-19 Priority advising and pre-registration for currently enrolled students for Spring 2011
- Nov 9 Mandatory "F" period begins
- Nov 11 Veterans Day – No classes
- Nov 25-28 Thanksgiving holiday – University closed
- Dec 8 Last day of classes
- Dec 9 Study day
- Dec 10-16 Final exams
- Dec 17 Commencement in Dunn Center

Fall I 2010 @ Fort Campbell

- June 23 Advising and preregistration for active duty military only
- July 27 Advising and pre-registration begins for civilians/family members/veterans
- Aug 9 Application deadline (Does not apply to active duty military)
- Aug 16-17 Registration week (See schedule of classes for details)
- Aug 17 Last day to receive 100% fee adjustment; Last day to pay fees and/or confirm classes by 7:00 p.m. or classes will be dropped
- Aug 18 Classes begin; Last day to apply for admission for late registration
- Aug 18-19 Late registration; 8:00 a.m. - 6:00 p.m.
- Aug 19 Last day to add a class or late register and pay fees for late registration
- Aug 24 Last day to receive 75% fee adjustment
- Aug 31 14th day; Last day to drop without record via AP Self Service; Last day to receive 25% fee adjustment; AP Self Service will close at 7:00 p.m. and re-open at 8:00 a.m. September 1.
- Sept 6 Labor Day holiday – No classes – Education Center closed
- Sept 6 Last day to drop with an automatic "W"
- Sept 17 Last day to apply for December 2010 graduation
- Sept 23 Last day to drop a course before the mandatory "F" period, instructor's signature required
- Sept 24 Mandatory "F" period begins
- Oct 12 Last day of classes

Fall II 2010 @ Fort Campbell

- Aug 28 Advising and preregistration begins for active duty military only
- Sept 17 Last day to apply for December 2010 graduation
- Oct 2 Advising and preregistration begins for civilians/family members/veterans
- Oct 11 Columbus Day – Education Center closed
- Oct 11 Grad Finale, 2-6 p.m.
- Oct 12 Grad Finale, 10 a.m.-2 p.m.
- Oct 13 Application deadline (Does not apply to active duty military)
- Oct 20-22 Registration week (See schedule of classes for details)
- Oct 22 Last day to receive 100% fee adjustment; Last day to pay fees and/or confirm classes by 7:00 p.m. or classes will be dropped
- Oct 23 Classes begin; Last day to apply for admission for late registration
- Oct 25-26 Late registration; 8:00 a.m. - 6:00 p.m.

- Oct 26 Last day to add a class or late register and pay fees for late registration
- Oct 29 Last day to receive 75% fee adjustment
- Nov 5 Last day to receive 25% fee adjustment: 14th day; Last day to drop without record
- Nov 11 Veterans Day – No classes – Education Center closed
- Nov 13 Last day to drop with an automatic “W”
- Nov 25 Last day to drop a course before the mandatory “F” period, instructor’s signature required
- Nov 25-28 Thanksgiving holiday – No classes – Education Center closed
- Nov 26 Mandatory “F” period begins
- Dec 17 Last day of classes
- Dec 17 Commencement in Dunn Center

Spring 2011 Semester

- Dec 10 Application deadline; Civilian conditionally admitted students WILL NOT be allowed to register late.
- Jan 9 Residence halls open for freshmen and transfers only; 1:00-9:00 p.m.
- Jan 12 Last day for remaining students to claim residence hall assignment; Last day to receive 100% fee adjustment; Last day to pay fees and/or confirm classes by 7:00 p.m. or classes will be dropped
- Jan 13 Classes begin
- Jan 13-18 Late registration
- Jan 17 Martin Luther King holiday – University closed
- Jan 26 14th day; Last day to drop without record; Last day to receive 75% fee adjustment
- Feb 3 Last day to apply for May 2011 graduation
- Feb 7 Last day to receive 25% fee adjustment
- Feb 24 Last day to drop with an automatic “W”
- Feb 28 Grad Finale, 2-6 p.m.
- Mar 1 Grad Finale, 10 a.m.-2 p.m.
- Mar 12 First session classes end
- Mar 6-12 Spring break
- Mar 13 Second session classes begins
- Mar 25 Last day to drop a course before the mandatory “F” period, instructor’s signature required
- Mar 26 Mandatory “F” period begins
- Apr 4-15 Priority advising and preregistration for currently enrolled students for Summer and Fall 2011
- Apr 22 Good Friday – University closed
- Apr 27 Last day of classes
- Apr 28 Study day
- Apr 29-May 5 Final exams
- May 6 Commencement in Dunn Center

Spring I 2011 @ Fort Campbell

- Nov 13 Advising and preregistration begins for active duty military only
- Dec 18 Advising and preregistration begins for civilians/family members/veterans
- Jan 3 Application deadline
- Jan 5-7 Registration week (See schedule of classes for details)

16 University Calendar

- Jan 7 Last day to receive 100% fee adjustment; Last day to pay fees and/or confirm classes by 7:00 p.m. or classes will be dropped
- Jan 8 Classes begin
- Jan 10-11 Late registration; 8:00 a.m. - 6:00 p.m.
- Jan 11 Last day for late registrants to pay fees and/or confirm classes by 7:00 p.m. or classes will be dropped
- Jan 14 Last day to receive 75% fee adjustment
- Jan 17 Martin Luther King holiday – University closed
- Jan 21 14th day; Last day to drop without record via AP Self Service; Last day to receive 25% fee adjustment
- Jan 31 Last day to drop with an automatic “W”
- Feb 3 Last day to apply for May 2011 graduation
- Feb 13 Last day to drop a course before the mandatory “F” period, instructor’s signature required
- Feb 14 Mandatory “F” period begins
- Feb 21 President’s Day – Education Center closed
- Feb 28 Grad Finale, 2:00-6:00 p.m.
- Mar 1 Grad Finale, 10:00 a.m.-2:00 p.m.
- Mar 4 Last day of classes
- May 6 Commencement in Dunn Center

Spring II 2011 @ Fort Campbell

- Jan 12 Advising and preregistration begins for active duty military only
- Feb 3 Last day to apply for May 2011 graduation
- Feb 19 Advising and preregistration begins for civilians/family members/veterans
- Feb 28 Grad Finale, 2-6 p.m.
- Mar 1 Grad Finale, 10 a.m.-2 p.m.
- Mar 2 Application deadline
- Mar 9-11 Registration week (See schedule of classes for details)
- Mar 11 Last day to receive 100% fee adjustment; Last day to pay fees and/or confirm classes by 7:00 p.m. or classes will be dropped
- Mar 12 Classes begin
- Mar 14-15 Late registration; Monday 8:00 a.m. - 6:00 p.m.
- Mar 18 Last day to receive 75% fee adjustment
- Mar 25 14th day; Last day to drop without record; Last day to receive 25% fee adjustment
- Apr 1 Last day to drop with an automatic “W”
- Apr 17 Last day to drop a course before the mandatory “F” period, instructor’s signature required
- April 18 Mandatory “F” period begins
- Apr 22 Good Friday – Education Center closed
- May 7 Commencement in Dunn Center; Last day of classes

Summer III 2011 @ Fort Campbell

- Apr 5 Advising and preregistration begins for active duty military only
- May 10 Advising and preregistration begins for civilians/family members/veterans
- May 23 Application deadline
- May 25-27 Registration week (See schedule of classes for details)
- May 30 Last day to receive 100% fee adjustment; Last day to pay fees and/or confirm classes by 7:00 p.m. or classes will be dropped

- May 30 Memorial Day – Education Center closed
- May 31 Classes begin
- May 31-June 1 Late registration; Monday 8:00 a.m. - 6:00 p.m.
- June 6 Last day to receive 75% fee adjustment
- June 13 14th day; Last day to receive 25% fee adjustment; Last day to apply for August 2011 graduation
- June 27 Last day to drop with an automatic “W”
- June 28 Last day to drop a course before the mandatory “F” period, instructor’s signature required
- June 29 Mandatory “F” period begins
- July 4 Independence Day – No classes – Education Center closed
- July 6 Grad Finale, 11 a.m.-3 p.m.
- July 25 Last day of classes
- Aug 12 Commencement in Dunn Center

May Session 2011

- Apr 29 Application deadline; Civilian conditionally admitted students WILL NOT be allowed to register late.
- May 15 Last day for 100% fee adjustment
- May 16 Classes begin; Drop/add; Last day to add a class
- May 18 Last day to drop without record; Last day to receive 75% fee adjustment
- May 19 Last day to drop with an automatic “W”
- May 29 Last day to drop a course before the mandatory “F” period, instructor’s signature required
- May 30 Memorial Day – University closed; Mandatory “F” period begins
- June 3 Last day of classes; Final exams
- June 13 Last day to apply for August 2011 graduation

Summer I 2011 Semester

- May 20 Application deadline; Civilian conditionally admitted students WILL NOT be allowed to register late.
- June 3 Registration
- June 5 Last day to receive 100% fee adjustment; Last day to pay fees and/or confirm classes by 7:00 p.m. or classes will be dropped
- June 6 Classes begin
- June 6-7 Late registration; Last day to add a class
- June 10 Last day to receive 75% fee adjustment
- June 12 14th day; Last day to drop without record
- June 13 Last day to apply for August 2011 graduation; Last day to receive 25% fee adjustment
- June 17 Last day to drop with an automatic “W”
- June 26 Last day to drop a course before the mandatory “F” period, instructor’s signature required
- June 27 Mandatory “F” period begins
- July 4 Independence Day – University closed
- July 6 Grad Finale, 11 a.m.-3 p.m.
- July 8 Last day of classes; Final exams

18 University Calendar

Summer II 2011 Semester

- June 13 Last day to apply for August 2011 graduation
June 30 Application deadline; Civilian conditionally admitted students WILL NOT be allowed to register late.
July 6 Grad Finale, 11 a.m.-3 p.m.
July 10 Last day to receive 100% fee adjustment; Last day to pay fees and/or confirm classes by 7:00 p.m. or classes will be dropped
July 11 Registration; Classes begin; Last day to drop/add; Late registration; Last day to add a class
July 14 14th day; Last day to drop without record
July 15 Last day to receive 75% fee adjustment
July 19 Last day to receive 25% fee adjustment
July 27 Last day to drop with an automatic "W"
Aug 6 Last day to drop a course before the mandatory "F" period, instructor's signature required
Aug 7 Mandatory "F" period begins
Aug 12. Last day of classes; Final exams; Summer commencement in Dunn Center

Full Summer 2011 Semester

- May 20 Application deadline; Civilian conditionally admitted students WILL NOT be allowed to register late.
June 3 Registration
June 5 Last day to receive 100% fee adjustment; Last day to pay fees and/or confirm classes by 7:00 p.m. or classes will be dropped
June 6 Classes begin
June 6-7 Drop/add
June 6-7 Late registration; Last day to add a class
June 13 Last day to apply for August 2011 graduation
June 15 Last day to receive 75% fee adjustment
June 19 14th day; Last day to drop without record
June 23 Last day to receive 25% fee adjustment
July 1 Last day to drop with an automatic "W"
July 6 Grad Finale, 11 a.m.-3 p.m.
July 19 Last day to drop a course before the mandatory "F" period, instructor's signature required
July 20 Mandatory "F" period begins
Aug 12. Last day of classes; Final exams; Commencement in Dunn Center; 2:00 p.m.

About Austin Peay State University

APSU Today

Austin Peay State University, one of the 45 members of the Tennessee Board of Regents System and one of the fastest growing universities in Tennessee, offers high quality undergraduate and graduate programs to a student body of varied ethnicities, ages, and interests. Its urban campus is located in Clarksville, TN, the state's fifth largest city, just 50 miles from Nashville, the state capitol. Another campus is located at the military installation at Fort Campbell, KY. While the majority of students live in the northwest and middle areas of Tennessee and in southern Kentucky, a number of students attend from throughout the state and the nation. APSU's vision is to create a collaborative, integrative learning community, instilling in students habits of critical inquiry as they gain knowledge, skills and values for life and work in a global society.

As one of the state's most diverse public universities, APSU has much to offer through quality programs, convenient locations and excellent technology-supported facilities. To meet the needs of today's students, APSU offers day, evening and weekend classes on its main campus, as well as

the Fort Campbell campus. In addition, online classes have become increasingly popular as students seek more options for scheduling classes. Therefore, both traditional and non-traditional students will find that APSU offers programs that match their interests and class scheduling that suits their lifestyle.

The mission of APSU supports the goal of a quality learning environment that encourages men and women to equip themselves to use their abilities productively and wisely. Leading the efforts of a committed faculty and staff in fulfilling this mission is President Timothy Hall, the ninth president since Austin Peay opened its doors in 1927 as a normal school for preparing teachers. The school is named in honor of Gov. Austin Peay of Clarksville, who was serving his third term of office when the school was established.

Accreditation

Austin Peay State University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur,

20 About Austin Peay State University

Georgia, 30033-4097; telephone number 404-679-4501) to award associate, baccalaureate, master's and the educational specialist degrees. In addition, the baccalaureate degrees offered in specialized programs of the University are accredited by:

- National Council for the Accreditation of Teacher Education (undergraduate and graduate teacher education)
- National League for Nursing Accrediting Commission (undergraduate nursing program also approved by Tennessee Department of Health, Board of Nursing)
- Council on Social Work Education (Social Work)
- National Accrediting Association for Laboratory Science (Medical Technology)
- National Association of Schools of Music (accredited institutional member)
- National Association of Schools of Art and Design (Art)
- American Chemical Society (Chemistry)

To the student, accreditation means the degree earned at Austin Peay is fully recognized throughout the nation. Credits earned at Austin Peay State University may be submitted to other accredited institutions of higher learning and will be accepted, if they are appropriate to the designated curriculum.

Institutional Mission

Austin Peay State University is a comprehensive university committed to raising the educational attainment of the citizenry, developing programs and services that address regional needs, and providing collaborative opportunities that connect university expertise with private and public resources. Collectively, these endeavors contribute significantly to the intellectual, economic, social, physical, and cultural development of the region. APSU prepares students to be engaged and productive citi-

zens, while recognizing that society and the marketplace require global awareness and continuous learning. This mission will be accomplished by:

- Offering undergraduate, graduate, and student support programs designed to promote critical thinking, communication skills, creativity, and leadership;
- Expanding access opportunities and services to traditional and nontraditional students, including the use of multiple delivery systems, flexible scheduling, and satellite locations;
- Promoting equal access, diversity, an appreciation of all cultures, and respect for all persons;
- Serving the military community at Fort Campbell through complete academic programs;
- Providing academic services that support student persistence to graduation;
- Fostering a positive campus environment that encourages active participation in university life; and
- Developing programs (credit and non-credit), conducting research, and providing services that contribute significantly to the quality of life, learning, and workforce development needs of the region.

Educational Goals

The foundation for all undergraduate majors at APSU is a comprehensive and coherent general education program that promotes the global perspective and connected learning in the liberal arts tradition. This foundation is reflected in all undergraduate baccalaureate degree programs. Additional professional preparation is supported by master's degree programs offered in biology, communication arts, curriculum and instruction, educational leadership, English, health and human performance, management, music, nursing, psychology, and reading. A broad range of programs, services, and activities engage students

outside the classroom or enrich campus life and to enhance student success and personal development.

Effective teaching and learning are central institutional priorities. Service and research that strengthens teaching and addresses public interests are important supportive priorities. Faculty, staff, and administrators are committed to providing a challenging and facilitative collegiate environment that fosters high quality instruction, critical thinking, global and multicultural perspectives, effective communication and interpersonal skills, leadership development, social responsibility, and lifelong learning. As students pursue their programs of study, each should develop, at an appropriate level:

- Skills of inquiry, abstract and logical thinking, and critical analysis;
- Literacy in writing, reading, listening, and speaking;
- The ability to understand and use numbers and statistics;
- A knowledge of world, national, and regional history;
- An understanding of the scientific method;
- An awareness of systems of values as bases for fulfilling the responsibilities of citizenship in a democratic society;
- A sensitivity to the fine arts;
- An awareness of the diverse cultures and experiences that define the contemporary world;
- An understanding of human behavior and skills necessary for appropriate social interaction; and
- A concentration in a discipline in order to enter a chosen profession, to undertake advanced study, or to develop an avocation which characterizes an educational man or woman.

The University seeks to provide instruction to meet these goals through a program of sequential learning that will incorporate a variety of learning techniques to promote imagination, understanding, analysis, syn-

theses, evaluative judgments, and personal responsibility in a safe educational environment.

The University's academic commitment to students is demonstrated not only in the classroom but also in academic advising and academic support, and through student organizations which complement academic majors, honor societies, technology which facilitates academic processes, and chairs and centers of excellence. Evidence of the integration of technology into classroom instruction, programs of study, and into student services is evident throughout the campus. Students manage their academic processes using AP Self Service for Students. Computer labs are available for student use around the clock.

The Felix G. Woodward Library offers a print collection of more than 360,000 volumes and an electronic collection that includes 28,000 full-text periodicals, 50,000 e-books, 6,000 audio visuals, and 670,000 microforms. Onsite and remote access to numerous Internet and other electronic resources and databases is readily available to students.

The University's Chairs of Excellence include the Roy Acuff Chair in the Creative Arts, APSU Foundation Chair in Free Enterprise, Harper-Bourne Chair in Business, and Lenora C. Reuther Chair in Nursing.

The Center of Excellence for Field Biology, established in 1986, brings together scholars and students from various biological disciplines to conduct research on biotic inventories; community structure; rare, threatened and endangered species; environmental assessment; and environmental education. The Center provides research assistantships to undergraduate and graduate students that provide them with hands-on experience in various areas of field biology under the mentorship of practicing scholars. For more information visit our website at http://www.apsu.edu/field_biology/.

The Honors Program, which is under the supervision of the College of Arts and Letters, provides individualized studies designed to challenge students and pro-

22 About Austin Peay State University

vides opportunities for creative exploration and intellectual development.

Art Galleries—All Art Galleries on campus are open to the public with no admission charge. For more information on any of the Art Galleries, contact the Art Department at (931) 221-7333.

The Trahern Gallery is located in the Margaret Fort Trahern Art and Drama complex. Each year (August-May) the gallery hosts regional, national, and international exhibits, as well as the Annual Student Art Exhibition. Gallery hours: 9:00 am-4:00 pm, Monday through Friday; 10:00 am-2:00 pm, Saturday; and 1:00-4:00 pm, Sunday (closed on holidays).

Gallery 108 is located on the ground floor of the Trahern Building. Each semester this gallery hosts the senior exhibits, featuring works by graduating art majors. Hours vary with each exhibit.

The Mabel Larson Fine Arts Gallery is located on the first floor of Harned Hall. Opened officially in 1994, this gallery features selections from APSU permanent art collection. Gallery hours: 8:00 am-4:00pm, Monday through Friday.

Center of Excellence for the Creative Arts

College of Arts and Letters

Location: Music/Mass Communication

Building, Room 165

Phone: (931) 221-7876

Website: www.apsu.edu/creativearts/

The Center for the Creative Arts offers students unique experiences in music, theatre, dance, creative writing, and visual art—experiences that challenge the imagination and spur artistic creativity; experiences that last a lifetime.

Established in 1985 as a Center of Excellence, the Center for the Creative Arts is the only program of its kind in the state, offering students rare opportunities to work with nationally acclaimed faculty and guest artists in the preparation and study of the arts in a one-on-one environment.

The Center's primary goal is to sponsor quality arts programs emphasizing collabo-

ration between recognized artists and university students, resulting in the highest possible standards of artistic achievement. The Center annually produces more than 100 quality arts activities by faculty, regional, national, and internationally acclaimed guest artists.

The Center for the Creative Arts is symbolic of the University's commitment to the enrichment of life, which can be realized only through an understanding and appreciation of the arts.

The Center of Excellence for the Creative Arts coordinates with the departments of Art, Languages and Literature, Music, and Theatre/Dance to sponsor a wide variety of activities and study programs to promote APSU's mission. The Center supports new works and other works of artistic value in the form of musical productions, recitals, concerts, theatre performances, literary readings, and visual arts exhibitions. Curricular activities sponsored by the Center include classes, lectures, workshops, seminars, master classes, public school outreach, and symposia focusing on the various arts disciplines and interdisciplinary nature of the arts for undergraduates, graduate students, and members of the community. The Center sponsors the Roy Acuff Chair of Excellence which brings regionally, nationally, and internationally recognized authors, musicians, artists, actors, and teachers to campus to work with students and the community in a dynamic atmosphere of unrestricted experimentation. The Center funds undergraduate scholarships and graduate assistantships for students in the creative arts.

The Division of Student Affairs

Austin Peay State University believes the collegiate experience of students is enhanced through involvement in educationally purposeful programs and activities outside the classroom environment. The vision of the Division of Student Affairs is to be responsive, innovative, supportive, and empowering. Specifically, the mission of the

Division of Student Affairs is to provide programs and services for students that facilitate opportunities for leadership and personal development, promote health and wellness, build a sense of community and loyalty to the institution, provide appreciation for diversity, and support their educational goals.

The Division of Student Affairs is represented in its mission by the following departments: Office of Student Affairs; Child Learning Center; Student Counseling Services; Dean of Students Office, Disability Services; Fraternity and Sorority Affairs, Housing, Residence Life, and Dining Services; University Recreation; Student Life and Leadership; Student Publications; Boyd Health Services; African American Cultural Center; and Hispanic Cultural Center. Each of these departments incorporates human and student development philosophies in their programs and services.

Distance Education

APSU's commitment to public service is reflected in its continuing education and distance education programs. Serving traditional and non-traditional, on-campus and commuters, local and distance students, online degree programs enable many students to meet their educational goals with a quality experience.

As authorized by the Tennessee Board of Regents, the University offers eight undergraduate degrees:

Associate of Applied Science (A.A.S.)

Associate of Science (A.S.)

Bachelor of Arts (B.A.)

Bachelor of Business Administration
(B.B.A.)

Bachelor of Fine Arts (B.F.A.)

Bachelor of Science (B.S.)

Bachelor of Science in Nursing (B.S.N.)

Bachelor of Science in Professional
Studies (B.P.S.)

Seven undergraduate degrees may be completed online:

Associate of Science in Liberal Arts
Bachelor of Arts or Science in Political
Science or Legal Studies
Concentration

Bachelor of Science in Criminal Justice,
Homeland Security Concentration

Bachelor of Arts or Science in
Communication Arts, Information
Specialist

Bachelor of Science in Computer
Science and Information Systems,
Information Systems Concentration

Bachelor of Professional Studies

Registered Nurse to Bachelor of Science
in Nursing

Requirements for the majors and concentrations that lead to these degrees may be found in the College, Schools, and Departmental Sections in this Bulletin.

Requirements for graduate degrees at the master's level and the Education Specialist degree are described in the Graduate Bulletin.

Austin Peay State University looks forward to a proud future as a university that values excellence and promotes integrity as it continues to be a significant presence in higher education in Tennessee.

Admission to Austin Peay

Undergraduate Admission Policies

Admissions Office
Ellington Building Lobby

Deadlines for Filing Applications

Semester/Term	Application Deadline	Classes Begin
Fall 2010	7/23/10	8/28/10
Fall I 2010	8/9/10	8/18/10
Fall II 2010	10/15/10	10/23/10
Spring 2011	12/1/10	1/13/11
Spring I 2011	1/4/11	1/8/11
Spring II 2011	3/7/11	3/12/11
Summer 2011	5/13/11	6/6/11
Summer I 2011	5/13/11	6/6/11
Summer II 2011	6/24/11	7/11/11
Summer III 2011	5/16/11	5/31/11

Prospective students are encouraged to submit an application as early as possible. After the deadline, only those students who are eligible for full admission will be considered. Those who submit applications and are admitted after the stated deadlines may be required to delay enrollment until the beginning of the next term or semester. Students must be admitted to be considered for scholarship opportunities. Admission to APSU is a selective process; applicant assessments and other credentials must indicate a reasonable chance for success in completing academic work at APSU. Applicants for admission to APSU, either for the main campus or for the Fort Campbell campus, are encouraged to submit an application online at <http://www.apsu.edu>; paper applications may be submitted by mail to Austin Peay State University, Office of Admissions, P.O. Box 4548, Clarksville, TN 37044.

26 Admission to Austin Peay

Austin Peay State University and Tennessee Board of Regents admission policies, procedures, and credentials are subject to change at anytime without notification. The following represents the most up-to-date policies, procedures, and credentials at the time this Bulletin was produced.

FRESHMAN ADMISSION REQUIREMENTS

Any student who enters APSU with fewer than 12 transferable credit hours completed after graduation from high school is considered to be a first-time freshman and must meet freshman admissions requirements. A student who was dual-enrolled in college courses while still in high school and has not attended college AFTER high school graduation is considered as a new freshman, regardless of the number of hours earned with dual-enrollment.

High School Graduation

Public School—graduates of public schools must submit an official high school transcript showing dates/terms of attendance, credits earned while enrolled, and date of graduation. Transcripts for graduates of Tennessee public high schools must note that the applicant passed the required proficiency examinations. The Special Education diploma is not accepted.

Non-Public School—graduates of all non-public high schools must submit an official transcript showing dates/terms of attendance, credits earned, and date of graduation. The transcript of a home-school applicant must be an official copy from an affiliated organization as defined by state law (TCA 49-50-801) or it may be accompanied by certification of registration from the local education agency which the student would otherwise attend. Purchased transcripts from organizations not requiring high school attendance for completion of grades 9-12 are considered unsatisfactory documentation of high school graduation. Applicants who are unable to provide a satisfactory high school credential may substitute acceptable

scores on the GED examination.

Completion of TBR-Required High School Courses

All students graduating from high school since 1989 must show proof of satisfactory completion of the 14 core academic units required by TBR.

Required High School Courses (A detailed description of courses may be found in Appendix A, p.483.)

<u>Subject Area</u>	<u>Required Units</u>
English	4
Visual and/or Performing Arts	1
required for applicants who graduated in 1993 or thereafter	
Mathematics	3
must include 2 units from algebra and one unit from advanced math or 3 units from integrated math sequence	
Natural/Physical Science	2
one from Group A	
Social Studies	1
United States History	1
Foreign Language	2
(same language)	

Students admitted with a deficiency in any area other than foreign language will remove the deficiency when appropriate core courses are completed. Students admitted with a foreign language deficiency must remove the deficiency within first 30 hours of enrollment. See Appendix B for a list of courses that will remove high school deficiencies.

Assessment Requirements

All freshman applicants must submit assessment scores with the application for admission.

Students under 21 years of age.

ACT/SAT scores earned within the first 3 years of the first day of the first semester or term of enrollment are required. Scores submitted will be used in making admissions decisions; English, mathematics and reading scores will be used in determining

placement in university courses. Placement considerations may be found on p. 59.

Applicants who present an ACT English score of 28 through 30 (620-680 SAT) will receive academic credit for ENGL 1010. Applicants who present an ACT English score of 31 through 36 (690-800 ACT) will receive academic credit for ENGL 1010 and 1020. Credits will be applied to the student's academic record after the completion of the first semester or term of enrollment.

Students 21 and over. When students are unable to submit ACT/SAT scores earned within 3 years of the first day of the first semester or term of enrollment. COMPASS assessment scores earned within the first 3 years of the first day of the first semester or term of enrollment are required. Scores submitted will be used in making admissions decisions; English, mathematics and reading scores will be used in determining placement in university courses. Placement considerations may be found on p. 59.

Admission Standards

Austin Peay State University invites applications from all prospective students. All complete applications are reviewed carefully to determine the likelihood of the applicant's completion of academic requirements leading to graduation in a timely manner. Admission decisions are based on academic performance in high school, assessment scores (ACT, SAT, or COMPASS) and completion of all TBR high school requirements with grades earned in those courses. By reviewing the published admissions criteria, prospective students are able to determine their likelihood of admission to the university.

Freshman Under 21 Years of Age

Full Admission

1. Satisfactory completion of all 14 required (TBR) core high school units; and
2. One of the following:
 - High school GPA of 2.85 or higher; or
 - ACT cumulative score of 20 or higher; or

- SAT 940 (Critical reading and Mathematics); or
 - GED score or 450 or higher (45 prior to January 2002) with a passing notation; and satisfactory ACT/SAT scores in two of three core areas – mathematics (ACT 19/SAT 430), reading (ACT 19/SAT 430), and English (19*/SAT 430)
3. Satisfactory ACT/SAT scores in two of the three core areas: mathematics (ACT 19 or SAT 460), reading (ACT 19 or SAT comp 900), and English 19* or SAT 460).

***Effective Spring 2011 English will change to an ACT of 18/SAT 860-890**

Conditional Admission

1. Satisfactory completion of all 14 required (TBR) core high school units; and
2. One of the following:
 - High school GPA of 2.75 – 2.84; or
 - ACT cumulative score of 19; or
 - SAT 900 (Critical reading and Mathematics); or
 - GED score or 450 or higher (45 prior to January 2002) with a passing notation; and satisfactory ACT/SAT scores in two of three core areas – mathematics (ACT 19/SAT 430), reading (ACT 19/SAT 430), and English (19*/SAT 430)
3. Satisfactory ACT/SAT scores in one of the three core areas: mathematics (ACT 19 or SAT 460), reading (ACT 19 or SAT comp 900), and English 19* or SAT 460).

***Effective Spring 2011 English will change to an ACT of 18/SAT 860-890**

Freshman 21 Years of Age and Older (first day of first semester or term of enrollment)

Full Admission

1. Satisfactory completion of all 14 required (TBR) core high school units if graduating from high school since 1989; and

28 Admission to Austin Peay

2. High School GPA or 2.0 or higher; and
3. Satisfactory COMPASS scores in 2 of 3 core areas – Algebra (50), reading (80) and English (writing) (75)

Conditional Admission

1. Satisfactory completion of all 14 required (TBR) core high school units if graduating from high school since 1989; and
2. High School GPA or 2.0 or higher; and
3. Satisfactory COMPASS scores in 1 of 3 core areas – Algebra (50), reading (80) and English (writing) (75)

Conditionally Admitted Students Enter On Academic Probation

During the first semester of enrollment they are required to complete academic strengthening requirements that include:

1. Academic advisement by the Career and Advising Center
2. Apply before the published deadline
3. Enroll during the published enrollment period. No late registrations are permitted.
4. Enroll in appropriate learning support requirements (taught by Nashville State Community College at APSU) as required by assessment scores in reading, writing and mathematics
5. No enrollment in online classes
6. Enroll in APSU 1000 for conditional students
7. Monitored absenteeism for class
8. Participate in peer tutoring
9. Achieve a 1.5 cumulative GPA during the first semester or term of enrollment. Not doing so results in a non-appealable academic suspension.

Freshmen with High School Deficiencies (Admission by Exception)

Applicants who have not satisfactorily completed all of the 14 TBR required high school units may achieve admission by exception by satisfactorily meeting these requirements:

1. No more than two high school unit defi-

ciencies (to be removed during first 30 hours of enrollment), and;

One of the following:

- ACT composite score of 21 or higher and high school diploma; or
- SAT cumulative score or 980 or higher and high school diploma; or
- High school GPA of 3.0 (4.0 scale) and high school diploma; or
- GED score of 450 (45 prior to January 2002) with a passing notation and an ACT composite score of 21 or an SAT cumulative score of 980 or higher, and satisfactory ACT/SAT/COMPASS scores in 2 of 3 core areas – English, mathematics and reading

Alternative Standards (TBR Policy 2:03:00:00 and TBR Guideline A-015)

Any applicant who does not fulfill requirements for any other category of admission may submit an Admissions Appeal Request to be considered by the university's Admissions Standards Committee. The form to be submitted is located on the Office of Admissions website at http://www.apsu.edu/records/forms;Admission_Appeal_form.pdf. Students who wish to appeal their denial of admission and thus be considered for *admission by alternative standards* must do so within ten (10) days of the date of the denial letter. Not doing so constitutes a permanent denial of admission to the university for the semester or term for which the student has applied. Students who are admitted by alternative standards are **conditionally admitted** students and enter on academic probation.

Prospective students who wish to be considered for admission for a subsequent semester or term must request that their application for admission be moved to the desired semester or term.

Transfer Applicants

A transfer applicant is a student who has earned 12 or more transferable credits from a college or university. Transfer students who have earned fewer than 12 trans-

ferable credits must meet freshman admission standards. A student who was dual-enrolled in college courses while still in high school and has not attended college AFTER high school graduation is considered as a new freshman, regardless of the number of hours earned with dual-enrollment. In order to be considered for admission, the transfer applicant must be in good standing (not suspended from) the last institution attended. Applicants must submit official transcripts from all institutions attended whether or not credit was earned, an application for admission and the \$15 application fee. Not doing so may result in dismissal from the University. Applicants' collegiate grade point average must meet the following requirements:

Quality Hours Earned	Minimum Grade-Point Average
12-29	1.50
30-45	1.80
46-59	1.90
60 and above	2.00

You will find policies regarding transferability of earned credits in the Academic Policies section of this Bulletin, p.59.

Prospective students who qualify as transfer applicants must submit the following for consideration:

1. Official transcript(s) from all previously attended colleges and universities (mailed directly from the institution(s) to the APSU Office of Admissions). Failure to identify all institutions attended (whether or not credit was received) is cause for dismissal from the University; and
2. One of the following:
 - a. Official high school transcript(s) from all previously attended secondary schools (mailed directly from institution(s) to the APSU Office of Admissions (Special education diplomas or high school certificates of attendance are not acceptable.), or
 - b. External Diploma Program Certificate, or
 - c. Official GED scores indicating a minimum score of 450 or higher (45 prior to 2002) and no sub score lower than 410 (40 prior to January 2002).
 - d. The exception to this requirement is high school graduation or GED testing prior to 1989.

When all official transcripts have been received by the Office of Admission and the applicant is notified that the application process is complete, the transfer student may proceed with enrollment after completing the on-line Transfer Orientation. Applicants who are accepted but whose transfer documentation is incomplete may register at an appropriate on-campus registration session. Transfer students whose documentation is complete but who prefer to come to campus to enroll will be able to do so by registering on line for and attending the appropriate on-campus registration session. Please contact the Transfer Coordinator, for further information, at 931-221-7280 or transfercenter@apsu.edu.

Early Admission Freshmen Applicants

Early admission criteria apply to any prospective students who have not yet graduated from high school but who wish to enter APSU full-time after their junior year. Such students may achieve admission by meeting the following requirements.

1. Admission application; and
2. Separate early admission application; and
3. High school cumulative GPA of 3.2 or higher (on a 4.0 scale); and
4. One of the following:
 - a. ACT composite score of 22 or higher, or
 - b. SAT cumulative score of 1020 or higher; and
5. Recommendation of high school principal or guidance counselor and consent of parent(s) or guardian(s); and
6. Written statement from high school principal specifying college courses that

30 Admission to Austin Peay

will be substituted for remaining high school courses needed for high school graduation.

Concurrent Enrollment (students attending APSU while still enrolled in high school)

Students are considered for dual enrollment when they expect to receive both high school and university credit for courses taken to be applied to high school graduation. Students who earn university credit that will not apply to high school graduation apply for joint enrollment. Prospective students who wish to attend APSU while still enrolled in high school must comply with the following requirements.

1. Dual Enrollment (both high school and college credit awarded for courses taken)
 - a. Admission application; and
 - b. Separate early admission application; and
 - c. Must have completed sophomore year with a cumulative high school GPA of 3.0 or higher (on a 4.0 scale); and

One of the following:

- i. ACT sub-scores of 19 or higher (English and math), or
 - ii. SAT sub-scores of 460 or higher (Critical Reading and math); and
 - e. Recommendation of high school principal or guidance counselor; and
 - f. Written parental or guardian approval; and
 - g. Approval by high school of University credits received.
2. Joint Enrollment (University credit only; credits earned do not apply to high school diploma)
 - a. Admission application; and
 - b. Separate early admission application; and
 - c. Must have completed sophomore year with a cumulative high school GPA of 3.0 or higher (on a 4.0 scale); and
 - d. One of the following:
 - i. ACT sub-scores of 19 or higher (English and math), or

- ii. SAT sub-scores of 460 or higher (Critical Reading and math); and
 - e. Recommendation of high school principal or guidance counselor; and
 - f. Written parental or guardian approval.
3. Academically talented/gifted high school students (University credit only; credits do not apply to high school diploma)
 - a. Admissions application; and
 - b. Separate early admission application; and
 - c. Must have a cumulative high school GPA of 3.2 or higher (on a 4.0 scale); and
 - d. Must be enrolled in grade 9, 10, 11, or 12 in public or private high schools in Tennessee; and
 - e. Recommendation of high school principal and approval of placement as a part of the student's planned Individual Education Program (IEP) as established by the high school multi-disciplinary team process; and
 - f. Recommendation and approval of the Director of Admissions.

Concurrently enrolled students are advised by a professional academic advisor in the Division of Extended Education.

APSU Middle College applicants must be accepted and recommended by the Clarksville Montgomery Country School System. Applicants must meet minimum requirements as established in the APSU/CMCSS Middle College Memorandum of Understanding. For more information, please visit <http://www.cmcoss.net/schools/schoolwebsites/frontpage.asp?locid=335>

Applicants for the Governor's School for Computational Physics must meet concurrent admissions standards must also:

1. Submit Admission application; and
2. Separate Application for the Tennessee Governor's School; and
3. Must have completed sophomore year with a cumulative high school GPA of 3.2 or higher (on a 4.0 scale), and
4. Recommendation of acceptance by the APSU Governor's School Selection Committee.

Military Applicants

Military (both active-duty and veterans) are required to submit documents for military credit prior to enrollment. The following documents should be sent to the Office of Admissions directly from the issuing agency except for form DD 214:

Branches	Documents Needed
Army	AARTS transcript (enlisted) or DD Form 295 (officer)
Air Force	Community College of the Air Force transcript or DD Form 295
Army National Guard	AARTS transcript or NGB Form 22
Navy	DD Form 295 or SMART transcript
US Marine Corp	ITSS MATMEP or SMART transcript
US Military	Enlistment contract 4-1
Reserves	or 4-2 or DD Form 2586
Veterans	DD Form 214 Member
(Retired or Discharged)	Copy 4 or other forms with characterization of service

International Applicants

The Office of Admissions handles application procedures for undergraduate international applicants. For information, call (931) 221- 7661 or write to: Austin Peay State University, Office of Admissions, P.O. Box 4548, Clarksville, TN 37044 or visit the Website at www.apsu.edu. For information on international student enrollment in graduate programs, contact the College of Graduate Studies at (931) 221-7662 or write to: Austin Peay State University, College of Graduate Studies, Box 4458, Clarksville, TN 37044.

English Language Proficiency. All international applicants are required to submit proof of proficiency in the English language. TOEFL exam scores are required of all international applicants, as follows: A minimum score of 500 on the paper-based exam or a minimum score of 173 on the computer-based exam or a minimum score of 61 on the internet-based exam. TOEFL scores are valid for two years.

TOEFL scores will not be required from an international applicant, if:

1. English is the native language of the applicant’s country of citizenship, or
2. The applicant has been conferred a

3. Bachelor’s degree from a United States accredited, four-year college or university, which is confirmed by an official transcript, or
3. The applicant has taken at least one full semester of English composition (not developmental or remedial) at a United States college or university and received a grade of “C” or better, which is confirmed by an official transcript, or
4. If the applicant is a new freshman, consideration of a TOEFL score requirement exemption will be made on a case-by-case basis, by the Director of Admissions.
5. If the applicant is an exchange student, consideration of a TOEFL score requirement exemption will be made on a case-by-case basis by the Director of Admissions.

Academic Credentials. International applicants must file their applications and submit certified copies of all official transcripts, certificates, diplomas, and degrees (all translated to English) well in advance of the semester for which they seek admission. To receive college credit for courses previously completed, transfer applicants from foreign non-immigrant institutions must

32 Admission to Austin Peay

also provide a course-by-course equivalency. This evaluation may be completed by Global Education (<http://www.globaledu.com>) or World Education Services (<http://www.wes.org/index.asp>).

Financial Resources. Evidence of financial resources sufficient to pay expenses including out-of-state tuition and fees while the applicant is at the University must be submitted. All international applicants must submit a completed [Affidavit of Support and Financial Statement](#). This form provides evidence of the applicant's ability to pay all required educational and living costs. This form must be on file before an I-20 or DS-2019 can be issued. (Spouses of F-1 visa holders are not permitted to work under any circumstances. Spouses of J-1 visa holders may obtain permission to work and then only for his or her and the children's support). Please peruse www.apsu.edu for specific cost information.

Medical. All international applicants shall submit no later than thirty (30) days from the first day of classes a certificate from a licensed physician or other qualified medical authority verifying freedom from tuberculosis. Failure to submit such certification shall result in denial of admission or discontinued enrollment. In the event that a student has tuberculosis or potential tuberculosis requiring medical treatment, continued enrollment will be conditional upon the determination by a licensed physician that further enrollment is not a risk to others and upon the student's compliance with any prescribed medical treatment program. International applicants may opt to have the screening for tuberculosis done through Boyd Health Services. Contact must be made with the Boyd Health Services personnel within two weeks of the first day of classes (which will allow for completion of the process within thirty days of the first day of classes).

Medical and Hospitalization

Insurance. All international applicants must have and maintain medical and hospitalization insurance as a condition of admis-

sion and continued enrollment at APSU. Students with J visas also must carry adequate medical and hospitalization insurance for spouses and dependents. Proof of medical and hospitalization insurance must be provided to the Boyd Health Services. International students will automatically be enrolled in the TBR Student/Scholar Health & Accident Insurance Plan unless documentation of adequate coverage is provided. Automatic enrollment in the Plan shall not take place later than the time of class registration, and the cost of the coverage will be added to the student's registration fees. For the purposes of this policy, adequate medical and hospitalization insurance coverage shall mean that the student's coverage meets or exceeds the level of coverage provided to participants in the TBR's Student/Scholar Health & Accident Insurance Plan. All international applicants born after 1956 shall provide proof of two immunizations with the Measles, Mumps, and Rubella (MMR) vaccines, which were administered on or after the year of birth to the Boyd Health Services. A student will be prevented from registering for classes until this requirement is met.

Fort Campbell. International students may neither enroll in nor attend classes held at the Education Center at Fort Campbell.

Permanent Resident Alien. Permanent Resident Aliens must submit front and back copies of their Permanent Resident Alien Card.

General International Applicant Information. All non-immigrants must provide proof of status, including copies of their visa. All international applicants will receive information concerning any special requirements for admission from the Office of Admissions. Boyd Health Services will provide the Office of Admissions with information concerning policy requirements, associated approximate costs which could be incurred, and what would be considered acceptable certification of freedom from tuberculosis, proof of adequate medical and

hospitalization insurance, and proof of two immunizations with the Measles, Mumps, and Rubella (MMR) vaccines.

Misrepresentation of Academic Credentials

It is a **Class A misdemeanor** to misrepresent academic credentials. Applicants and students commit this offense, they know that the statement is false and they are making the statement with the intent to secure admission to or employment in an institution of higher education in Tennessee. This offense includes statements made orally or in writing that the person has

1. Successfully completed required coursework for and has been awarded one or more degrees or diplomas from an accredited institution of higher education; or
2. Successfully complete the required coursework for and has been awarded one or more degrees or diplomas from a particular institution of higher education; or
3. Successfully completed the required coursework for and has been awarded one or more degrees or diplomas in a particular field or specialty from an accredited institution of higher education.

Students who are admitted and later found to have withheld transcripts from institutions in which they have been enrolled may be subject to dismissal from the university.

Secondary school transcripts determined to be from a source that does not require normal high school attendance and awards the transcript based on a fee charged are excluded from consideration for admission. Freshman applicants who have not completed high school must provide GED scores.

NON-DEGREE SEEKING APPLICANTS

Applicants who are eligible for non-degree admission include:

Transient Applicants

A student who is currently enrolled and in good standing at another regionally accredited college or university may apply to attend APSU as a transient applicant and may be admitted to the University for one semester/term. This intent must be included in the application for admission. The applicant's home college must submit to the Office of Admissions a letter stating that the applicant is in good standing. An official transcript from the home college or university may be accepted in place of the letter of good standing, if the transcript reflects the student's good standing. An official transcript may be required, if needed to document the completion of any prerequisites required for enrollment in course(s). Transient students remaining at Austin Peay will need to re-apply for admission and resubmit a letter of good standing or an official transcript for a subsequent semester/term.

Persons with a College Degree or Certificate

Persons who have a degree or certificate equivalent to the highest degree or certificate offered by a regionally accredited college or university in a particular field, but who wish to take additional courses.

Senior Citizens and Disabled Persons

Adults 65 years of age or older during the semester, domiciled in Tennessee, may register in courses for credit on a space available basis and pay maximum tuition of \$70 and all applicable fees or a Tennessee resident who is 60 years of age or older may audit a course if space is available at no cost (according to Tennessee law) by filing a birth certificate with the Office of the Registrar. A Tennessee resident who is permanently and totally disabled may register in courses for credit on a space available basis and pay maximum tuition of \$70 and all applicable fees or may audit a course if space is available at no cost (according to Tennessee law) by filing an Application for Tuition

34 Admission to Austin Peay

Reduction Due to Disability and submit proof you are considered 100% disabled through Social Security or other appropriate state or federal agency. To request tuition reduction for disability, you must submit this documentation for each term of enrollment. Request must be submitted prior to the last day of late registration.

Adult Special Applicants

Applicants, 21 years of age or older, who are not interested in earning a degree from the University may apply for admission as an Adult Special Applicant by so indicating on their application for admission.

Requirements for Freshman Adult Special Students include high school graduation or a minimum GED average score of 450 (45 prior to January 2002), and subscores no lower than 410 (40 prior to January 2002). An official high school transcript or GED score must be submitted to the Office of Admissions; a Special Education Diploma or High School Certificate is not acceptable.

Transfer and readmit applicants must submit a transcript from the last college or university attended. Applicants who are currently suspended from another college or university are not eligible to enroll as Adult Special Students.

Adult Special Students will be limited to enrolling in a maximum of 24 semester hours. Adult Special Students are not allowed to register for college-level mathematics or English unless the appropriate portion of the assessment test (COMPASS) is taken. Adult Special Students who later decide to seek a degree from the University must submit all academic credentials and satisfy all admissions requirements. Applicants who are denied regular admission will be denied admission as a Special Applicant for the same semester.

Readmission Applicants

Applicants seeking readmission to the APSU main campus must resubmit an application for admission if they have missed one semester or more (excluding

summer) and submit all transcripts from every institution attended since last attending APSU, regardless of whether credit was earned. Applicants wishing to apply for readmission to the APSU Education Center at Fort Campbell must resubmit an application and transcript(s) after missing two or more terms.

Programs with Special Admission Requirements

Schools of Business, Education, and Nursing, Medical Technology, Radiologic Technology, and Social Work have additional requirements for admission. Students wishing to enter these programs should consult with the schools or departments offering the programs. Admission requirements may change due to availability of institutional resources and/or changes in state licensure requirements.

Immunizations

The state of Tennessee requires all new and readmitted full-time students to provide proof of two immunizations with the Measles, Mumps, and Rubella (MMR) vaccines, which were administered on or after the first year of birth. A student will not be allowed to register for classes until this requirement is met. For additional information, contact Boyd Health Services at (931) 221-7107. The state of Tennessee mandates that each public or private postsecondary institution provide information concerning hepatitis B infection to all students entering the institution for the first time. Those students who will be living in on-campus housing for the first time must also be informed about the risk of meningococcal meningitis infection. Tennessee law requires that such students complete and sign a waiver form provided by the institution that includes detailed information about the diseases. The information concerning these diseases is from the Centers for Disease Control and the American College Health Association. The law does not require that students receive the vaccination; however, the law

does require students to provide a signed copy of the waiver form to APSU, Boyd Health Services, P.O. Box 4655, Clarksville, TN 37044 or fax to (931) 221-7388.

Residency

An applicant's residency classification is made at the time of admission in accordance with Tennessee Board of Regents regulations. Non-Tennessee residents classified as in-state for fee payment purposes include military personnel stationed in Tennessee or Fort Campbell, their spouses and dependents; residents from the Kentucky counties of Christian, Logan, Todd, Trigg, Allen, Calloway, and Simpson; and part-time students employed full-time in Tennessee. APSU residency regulations can be found in Appendix C (p.486).

Residency Classification: New and returning students may submit the Application for Residency form to the Office of Admissions before enrolling; continuing students may submit an Application for Residency to appeal current status to the Office of the Registrar. The Residency Appeals Committee meets only once each term during the week prior to the beginning of classes.

For More Information

Undergraduate Admission

Office of Admissions
P.O. Box 4548
Clarksville, TN 37044
Phone: (931) 221-7661
Fax: (931) 221-6168
E-mail: admissions@apsu.edu
Web: <http://go.apsu.edu>
APSU Federal School Code: 003478

Graduate Admission

College of Graduate Studies
P.O. Box 4458
Clarksville, TN 37044
Phone: (931) 221-7662
Fax: (931) 221-7641
Web: <http://www.apsu.edu/cogs/>

Immunizations and Medical Records

Boyd Health Services
P.O. Box 4655
Clarksville, TN 37044
Phone: (931) 221-7107
Fax: (931) 221-7388
Web: <http://www.apsu.edu/healthservices/>

Financial Aid Information

Financial Aid Office
P.O. Box 4546
Clarksville, TN 37044
Phone: (931) 221-7907
Fax: (931) 221-6329
E-mail: SFAO@apsu.edu
Web: <http://www.apsu.edu/financialaid/>
APSU Federal School Code: 003478

ACT Tests

American College Testing Program
P.O. Box 4065
Iowa City, IA 52243-4063
Phone: (319) 337-1270
Web: www.actstudent.org
APSU's Institutional ACT Code: 3944

SAT Tests

The College Board Headquarters
45 Columbus Avenue
New York, NY 10023
Phone: (212) 713-8000
Web: www.collegeboard.com
APSU's Institutional SAT Code: 1028

COMPASS Placement Exams

APSU Testing Office
Phone: (931) 221-6269

TOEFL Exams

TOEFL Services
P.O. Box 6151
Princeton, NJ 08541-6151
USA
Phone: (609) 771-7100
APSU Institutional TOEFL Code: 1028

36 Admission to Austin Peay

Dual or Joint Enrollment

High School Counselors' Offices or APSU
Admissions Office

Foreign Transcript Translation and Evaluation

Global Education Inc.
2 East Congress St., Suite 900
Tuscon, AZ 85701
Phone: (520) 202-7800 or (520) 877-7867
Fax: (305) 534-3487 or Fax: (305) 534-3487
E-mail: info@globaledu.com or translation@globaledu.com
Web: <http://www.globaledu.com>

Or

World Education Services
Bowling Green Station
P.O. Box 5087
New York, NY 10274-5087
Phone: (212) 966-6311
Fax: (212) 739-6100
Web: <http://www.wes.org/index.asp>

Tuition, Fees and Financial Aid

Tuition and Fees

All tuition and fees are subject to change.

Expenses for attending APSU include in-state tuition, out-of-state tuition (non-residents), student services fees, and other special fees. Registration is not complete until all fees have been paid and students have confirmed (validated) their schedules online and received a confirmation number.

Checks, cash, and money orders drawn on U. S. banks and payable in U. S. dollars and credit payments are accepted at the cashier's window in the Business Office, Browning 148. Electronic checks and credit cards will be accepted on the Web.

The University reserves and intends to exercise the right to withhold copies of transcripts and other student education records and/or to withdraw students who have unpaid or past-due fee balances.

Students are required to pay in-state tuition and, when applicable, out-of-state tuition, for enrollment in all courses even if no credit is earned. All tuition charges or other charges are subject to change at the end of any academic term. Tuition fee adjustments are pro-rated and published in

the official University Calendar (p.13).

In-State Tuition

Students enrolled for less than 12 semester hours are considered part-time students for fee schedule purposes and are charged an in-state tuition of \$191 for each credit hour of coursework. The total in-state tuition for full-time students (who are registered for 12 credit hours) is \$2,292. Additional hours above 12 hours are \$10 per hour.

Out-of-State Tuition

Students who are not residents of Tennessee and who register for 12 credit hours are required to pay an out-of-state tuition fee of \$5,964 per semester in addition to all other regular fees. Hours above 12 are billed at \$25 per hour.

Nonresident students registered for fewer than 12 credit hours are required to pay an out-of-state tuition fee of \$497 per credit hour in addition to all other regular fees. Residency classification for fee purposes is made at the time of admission to the University and is in accordance with Tennessee Board of Regents regulation (see Appendix C, p.486). Part-time students

38 Tuition, Fees & Financial Aid

employed in Tennessee and students living in these Kentucky counties are exempt from out-of-state tuition: Christian, Logan, Todd, Trigg, Allen, Calloway, and Simpson.

\$612.00. Part-time students are charged \$61.20 per credit hour to a maximum of \$612.00.

Summer

Tuition and fees for courses taken during summer will be calculated on a straight per credit hour charge with no maximum for a full-time student.

Non-Refundable Fees

In addition to tuition, students must pay various fees that are used to provide services needed for academic obligations and are not refundable in case of withdrawal. These fees include post office box fee and late registration fee.

Program Services Fee (Main Campus, Off Campus, and Distance Learning)

All students except those enrolled at the APSU Center at Fort Campbell who are registered for 10 or more semester hours are required to pay a program services fee of

Technology Access Fee (Ft. Campbell Campus)

All students enrolled in 11 or more credit hours are charged \$112.50 or \$11.25 per credit hour for 10 or fewer credits. This fee supports a wide array of computer services and technological resources. Students enrolled in Web class pay an online course fee of \$23 per credit hour.

Students taking classes through the Regents Online Degree program pay

- Registration and Maintenance Fees per credit hour (no maximum) \$191
- Online course fee per credit hour (no maximum) \$ 76

Other Required Fees (Main Campus Only)

- New Student Fee (both full-time and part-time) \$ 75
- Post Office Box Rental (students living on campus) \$ 9

Required Fees

Main Campus, Off-Campus, APSU Center @ Fort Campbell, and Distance Learning

Full-time Students

(Twelve Credit Hours or More)

Per Semester

In-state Tuition\$2,292.00
Out-of-state Tuition\$2,292.00 with additional cost of \$5,964.00
Tennessee residents at least 65 years of age and/or permanently disabled\$70 maximum

Fees in Addition to Tuition for In-state and Out-of-State

Program Services Fee\$612.00
New Student Fee (one time fee)\$75.00
Post Office Box Rental (students living on campus)\$9.00
APSU WEB Classes: Online Course Fee per credit hour\$23.00
Technology Access Fee (Ft. Campbell APSU Center only)\$112.50

Part-time Students

(Less Than Twelve Hours)

Per Semester

In-state Tuition per credit hour	\$191.00
Out-of-state Tuition per credit hour	\$191.00 with additional cost of \$497.00

Fees in Addition to Tuition for In-state and Out-of-State

Program Services Fee	\$61.20 per credit hour; \$612.00 maximum
Technology Access Fee for less than 10 credits (APSU @ Ft. Campbell only)	\$11.25 per credit hour
WEB Classes Fee per credit hour	\$23.00
Regents Online Degree Program Registration and Maintenance Fee	\$191.00 per credit hour
Regents Online Degree Course Fee per credit hour	\$76.00
New Student Fee (one time fee)	\$75.00
Post Office Box Rental (students living on campus)	\$9.00

Housing Fees

For students who wish to live on campus, Austin Peay State University has four enclosed style halls, one of which is reserved for new freshmen with at least a 3.0 or and ACT score of 21; three outside corridor-style halls; one suite-style facility; and two apartment-style facilities. Complete information regarding APSU housing may be found at www.apsu.edu/housing/. Freshmen who do not live at home with family members are required to live in University housing and to purchase a meal plan.

Family Housing (per month) ranges from	\$560 to 750
Resident Hall Room (double occupancy per semester)	\$1,875
Student Apartment (per semester)	\$2,080-\$3,150
Meal Plan (estimated per semester)	\$775-\$1,185
Deposit for Housing	
• Student Apartments and Residence Halls (Prepayment-applied to dorm charge)	\$200
• Family Housing (Refundable)	\$100

Special Fees

Application Fee (include with application - nonrefundable)	\$15.00
Audit Fees	cross listed with regular fees (no charge to Tennessee residents at least 60 years of age and/or permanently, totally disabled)
Business Course Fee for Upper Division (per credit hour)	\$20.00
Graduation (includes Commencement regalia)	
Associate Degree	\$25.00
Baccalaureate Degree	\$30.00
Master and Specialist Degree	\$35.00
Additional Fees (after original Application for Graduation):	
Cancellation Fee (student must reapply for Graduation)	\$10.00
Change of Date (Semester/Term)	\$10.00
Change of Name	\$10.00
Duplicate Diploma	\$10.00
Identification Card (required of all students enrolled for Main Campus classes)	No Charge
Identification Card Replacement	\$20.00
Late Registration (nonrefundable)	\$50.00

40 Tuition, Fees & Financial Aid

Motor Vehicle Registration	included in Program Services Fee
Applied Music—Individual: one half-hour (30 minute) lesson per week	\$.150.00
Nursing Clinical Skills Fee (per semester)	\$.90.00
Returned Check Service Charge	\$.30.00
Proficiency Examination (per credit hour)	\$.15.00
Science Consumables Fee (per lab)	\$.15.00
Textbooks (estimation per semester)	\$.500.00
Transcripts, Official (limited number) (transcripts issued only upon written request by the student)	No Charge
Fax Transcripts (per page, including cover sheet)	\$.1.00
Other fee requirements are based on the student's major.	
Structured Learning Fee	\$.75.00 per course
Nursing Differential Maintenance Fee	\$.25.00 per credit hour

Tuition and Fee Discounts

1. Adults 65 years of age or older during the semester, domiciled in Tennessee, may register in courses for credit on a space available basis and pay maximum tuition of \$70 and all applicable fees or a Tennessee resident who is 60 years of age or older may audit a course if space is available at no cost (according to Tennessee law) by filing a birth certificate with the Office of the Registrar.
2. A Tennessee resident who is permanently and totally disabled may register in courses for credit on a space available basis and pay maximum tuition of \$70 and all applicable fees or may audit a course if space is available at no cost (according to Tennessee law) by filing an Application for Tuition Reduction Due to Disability and submit proof you are considered 100% disabled through Social Security or other appropriate state or federal agency. To request tuition reduction for disability, you must submit this documentation for each term of enrollment. Request must be submitted prior to the last day of late registration.
3. Children of deceased or missing in action Vietnam Conflict veterans who were residents of Tennessee may be eligible for a waiver of tuition and maintenance fees. (Contact the Veterans Affairs Office in Nashville, TN at 1-800-827-1000 for more information and verification procedures.)
4. A dependent child whose parent was killed or died as a direct result of injuries received, or has been officially reported as being either a prisoner of war or missing in action while serving honorably as a member of the United States armed forces during a qualifying period of armed conflict, or the spouse of such veteran, may be eligible for a waiver of tuition and required registration or matriculation fees, and may be admitted without cost to any of the institutions of higher education owned, operated, and maintained by the state of Tennessee, if certain age limits, time periods for eligibility, and residency requirements are met. Contact the Veterans Affairs Office in Nashville, TN at 1-800-827-1000 for more information and verification procedures.
5. Dependents (under the age of 24 on the first day of classes) of certified public school teachers of Tennessee state employees are eligible for a 25 percent discount on undergraduate in-state tuition, maintenance fees, and technology access fees. An approval form obtainable from the Admissions Website, http://www.apsu.edu/hrhomepage/forms/feediscount_dependents.pdf, must be completed each term and submitted to the Business Office before classes begin.
6. Dependents 26 years of age or under and the spouse of a full-time TBR employee are eligible for a 50 percent discount on undergraduate in-state

tuition and fees and all mandatory student fees (excluding special course fees.) An approval form available from the Human Resources Website, http://www.apsu.edu/hrhomepage/forms/dep_fee_waiver.pdf, must be completed each term and submitted to the Business Office before classes begin.

7. Dependents 26 years of age or under and spouses of full-time UT employees are eligible for a 50 percent discount on tuition. An approval form available from the Admissions Website, http://www.apsu.edu/hrhomepage/forms/feediscount_dependents.pdf, must be completed each term and submitted to the Business Office before classes begin.
8. Full-time employees of the State of Tennessee may enroll in one undergraduate or graduate course at no cost other than special course fees. An approval form available from the Admissions Website, http://www.apsu.edu/hrhomepage/forms/feewaiver_state_emp.pdf, must be submitted each term to the Business Office before classes begin. These scholarships are subject to availability of funds.
9. APSU employees (full-time), TBR, and UT employees may enroll for two courses per term on a space available basis at no cost other than special course fees. One course can be submitted on the Form PC 191 and one on the Clerical and Support Staff Maintenance Fee Payment Program Form or Faculty/Administrative/Professional Staff Tuition or Maintenance Fee Reimbursement Program Form showing approval of the immediate supervisor. Approval forms available from the Human Resources Website, <http://www.apsu.edu/hrhomepage/forms.htm>. These forms must be submitted to the Business Office at the time of registration of each term. These scholarships are subject to availability of funds.

Payment of Tuition and Fees

Students are expected to pay all tuition and expenses for the semester or term

before the semester or term begins. An installment plan is available Fall and Spring semesters through the Business Office and online under certain circumstances.

The University accepts payment by cash, check or credit card at the Business Office. Payment by electronic check or credit card are accepted online (MasterCard, Visa, and American Express).

Fee Adjustments

Fee adjustments of tuition and fees are prorated according to the time the student was enrolled in the University. The dates that percentages apply are published in the University Calendar.

1. 100 percent fee adjustment is issued for the following situations:
 - a. Courses canceled by the University
 - b. Withdrawals between pre-registration period and prior to the first day of classes.
 - c. Mandatory withdrawal because the student is declared academically ineligible to enroll or student not eligible to enroll in course being dropped; requires documentation from Dean of Enrollment Management and Academic Support Services.
2. The fee adjustment for withdrawals or drops during regular terms (fall and spring) is 75% from the first day of classes through the 14th day of classes and then reduced to 25% for a period of time which extends 25% of the term. No fee adjustment after 25% of term has expired.
3. For summer sessions and other short terms, the 75% fee adjustment period and the 25% fee adjustment period will extend a length of time which is the same proportion of the term as the 75% and 25% periods are of the regular terms.
4. No fee adjustment when the number of credit hours for courses dropped and courses added on the same day is equal. This is considered a swap.
5. When courses are included in a regular term's registration process, but the course does not begin until later in the

42 Tuition, Fees & Financial Aid

term, the 75%/25% fee adjustment periods will be based on the particular course's beginning and ending dates. This does not apply to classes which meet only once per week during regular terms. Those courses will follow the same refund dates as the other courses for the term.

6. The fee adjustment is calculated as the difference between (1) the cost of originally enrolled hours and (2) the per credit hour cost of the courses at final enrollment after adjustments have been applied for the courses dropped. Adjustments are calculated at the full per credit hour rate less the fee adjustment credit at the applicable fee adjustment percentage with total costs not to exceed full-time tuition. Not all drops/withdrawals will result in a fee adjustment.
7. Title IV financial aid fee adjustments for students withdrawing during their first term will be calculated on a pro-rata basis and applied to outstanding balances in accordance with the U.S. Department of Education Higher Education Act of 1965 as amended.
8. Percentage rules apply to out-of-state tuition and refundable fees.

Fee Adjustment Appeals

The University fee adjustment policy is based entirely upon the official date of the withdrawal or change of course which would result in a fee adjustment. Fee adjustments beyond the specified dates or percentages indicated in the "Academic Calendar," will be made only for reasons published by the University, and only when convincing documentation supports the appeal. If the appeal is granted, the fee adjustment will not exceed 75 percent.

Any individual may appeal the assessment, application, calculation, collection, or interpretation of any University fee, charge, deposit, or refund. Information regarding acceptable reasons for which an appeal may be granted, procedures, and the forms to be completed for these appeals can be found

online at www.apsu.edu/appeals/.

Appeals for fee adjustments are to be submitted online to the Office of Enrollment Management and Academic Support Services. Supporting documentation in reference to your claim must be submitted within 5 business days to the Office of Enrollment Management and Academic Support. Your explanation should demonstrate why an exception to the published policy is justified. Requests that simply disagree with the policy will not be considered.

The Enrollment Management and Academic Support Office will determine if proper University procedures have been followed; all documentation is reviewed by the Dean. A written decision will be sent to the student's official APSU e-mail account within 2-3 weeks of submission.

Decisions of the Enrollment Management and Academic Support Office may be appealed in writing to the Fee Adjustment Appeals Committee which meets twice each Fall and Spring semester. The committee chairperson will provide a decision in writing via e-mail to the appellant's official APSU e-mail account.

Appeals of adverse decisions made by this committee must be in writing to the Assistant Vice President for Finance and Administration. A written decision of matters appealed to that office will be sent to the student's official APSU e-mail account. This concludes the fee adjustment appeals process.

Student Financial Aid and Veterans Affairs

Austin Peay State University believes that a postsecondary education should be accessible and; therefore, assists students in obtaining the resources needed to pay for their education:

1. Evaluating the family's financial ability to pay for educational costs;
2. Distributing limited resources in an equitable manner; and

3. Creating a balanced package of self-help and gift financial aid.

An array of financial aid programs from scholarships, grants, employment, and loans are available to help students with educational costs. Most awards are based on financial need; a limited number are based on merit or achievement. (The normal amount of time for which a student can receive financial aid is six years). Continuation of the award requires that the recipient attend classes and achieve satisfactory academic progress as identified in the University's Academic Policies and procedures.

Questions regarding student financial aid should be directed to the Office of Student Financial Aid and Veterans Affairs, Ellington 216, P.O. Box 4546, telephone (931) 221-7907 or toll free at 1-877-508-0057. Interested applicants should visit www.apsu.edu/financialaid/ for complete information.

How to Apply for Student Financial Aid

Awards based on need are determined by a process called financial need analysis. The analysis is standardized by the U.S. Department of Education using a financial formula called Federal Methodology. The Free Application for Federal Student Aid (FAFSA) is the application used to begin this process. When submitting the FAFSA, students are applying for Federal Grants, State Grants, Student Loans, Parent Plus Loans, and the Hope Lottery Scholarship. Only Tennessee residents are eligible for State Grants and Hope Lottery Scholarship. Students should apply via the Web at www.fafsa.gov after January 1 of the year they intend to enroll in college. An application for admission to the University should be completed at the same time. Students should not wait to be accepted for admission before applying for financial aid. A step-by-step application process is available at www.apsu.edu/financialaid/.

Grants

Federal Pell Grant

This grant is available on the basis of need to undergraduate students who have earned neither a baccalaureate nor professional degree. Pell Grants do not have to be repaid and are prorated based on the number of academic hours for which the student is enrolled on the first day of class as follows:

1. Main campus: less than half-time, 1-5 hours; half-time, 6-8 hours; three-quarters time, 9-11 hours; and full-time 12 or more hours.
2. APSU Center at Fort Campbell: half-time, 3-5 hours; full-time, 6 or more hours.
3. Changes in student enrollment through the 14th day of classes may result in a revision of the grant awarded and may require repayment of funds.

Federal Supplemental Education Opportunity Grant (FSEOG)

Awarded to undergraduate students on the basis of financial need and availability of funds and does not have to be repaid. This grant is based on the number of academic hours the student is enrolled.

Academic Competitiveness Grant (ACG)

An Academic Competitiveness Grant will provide up to \$750 for the first year of undergraduate study and up to \$1,300 for the second year of undergraduate study for full-time students who are U.S. citizens, eligible for a Federal Pell Grant, and who had successfully completed a rigorous high school program, as determined by the state or local education agency and recognized by the Secretary of Education. The Academic Competitiveness Grant award is in addition to the student's Pell Grant award. Complete information is available at www.apsu.edu/financialaid/.

44 Tuition, Fees & Financial Aid

National Science & Mathematics Access to Retain Talent (SMART) Grant

A National SMART Grant will provide up to \$4,000 for each of the third and fourth years of undergraduate study to full-time students who are U.S. citizens, eligible for a Federal Pell Grant and majoring in physical, life, or computer sciences, mathematics, technology, or engineering or in a foreign language determined critical to national security. The student must also have maintained a cumulative grade-point average (GPA) of at least 3.0 in coursework required for the major. The National SMART Grant award is in addition to the student's Pell Grant award. Complete information and a list of eligible majors are available at www.apsu.edu.financialaid/.

TEACH Grant Program

Through the College Cost Reduction and Access Act of 2007, Congress created the Teacher Education Assistance for College and Higher Education (TEACH) Grant Program that provides grants of up to \$4,000 per year to students who intend to teach in a public elementary or secondary school that serves students from low-income families. Please visit our Website at www.apsu.edu/financialaid/ for details.

Tennessee Student Assistance Award (TSAA)

Available only to undergraduate residents of Tennessee who are enrolled a minimum of half-time and who can demonstrate financial need for a maximum of eight semesters. TSAA is not awarded for summer sessions. Application must be made by February 15th of the year in which the student intends to enter college by completing the Free Application for Federal Student Aid (www.fafsa.gov.) This grant is administered by the Tennessee Student Assistance Corporation (TSAC), Suite 1950, Parkway Towers, 404 James Robertson Parkway, Nashville, TN 37219-5907; toll-free number 1-800-342-1663.

Student Loan Awards

Federal Perkins Loans

This loan is available to both undergraduate and graduate students who demonstrate financial need and is based on funds availability and prorated according to the number of hours for which the student is enrolled. The interest is fixed at 5%; payments on the principal must begin 9 months after graduation or when the recipient drops below half-time status. The loan is made with government and APSU funds and must be repaid to Austin Peay State University.

Federal Direct Loan-Subsidized

Available to both undergraduate and graduate students, eligibility is based on financial need. Interest on loan is paid by the Federal government while the student is enrolled at least at a half-time status and during a six-month grace period. Completion of FAFSA at www.fafsa.ed.gov is required for students wishing to apply. Students must accept loans on AP One Stop.

Federal Direct Loan—Unsubsidized

Not limited by student's financial need; interest must be paid from the time the money is disbursed. Interest may be paid as it comes due (full-time students) or may be postponed and allowed to accumulate during enrollment at a half-time status. The accumulated interest is added to the original loan amount when repayment begins. Applicant must first complete the FAFSA via the Web at www.fafsa.gov. Students must accept loans on AP One Stop.

Federal Direct Parent Loan for Undergraduate Students (PLUS)

Available to parents of full and half-time dependent undergraduate students; a credit check is performed on the parents to determine the amount of eligibility; credit guidelines apply in determining eligibility. Eligible parents may borrow up to the student's full cost of attendance less any other financial aid the student receives.

Repayment starts within 60 days or payments may be deferred after the loan is fully disbursed. To apply, the student and parent must complete the Free Application for Federal Student Aid (FAFSA) via the Web at www.fafsa.gov. In addition to the FAFSA, the parent must complete the credit pre-approval process.

GRAD PLUS Loans

Graduate students may borrow up to the cost of their education less any other financial aid awarded. Eligibility is based on income need and credit guidelines apply.

Multiple Loan Disbursements

Loan proceeds are issued in at least two disbursements for Federal Stafford subsidized and unsubsidized loans and Parent PLUS Loans.

Annual Loan Limits

Information on annual loan limits is found at www.apsu.edu/financialaid/.

Merit-Based Awards

Tennessee Education Lottery Scholarships

Tennessee Education Lottery Scholarships (non-need based) will be awarded to Tennessee high school graduates, including home-schooled students, who have been a resident for one year and who have earned a composite score of 21 on the ACT (980 SAT) OR 3.0 unweighted overall high school GPA and college core GPA out of a possible 4.0. GED applicants must have earned an average GED score of 525 (test must have been taken after January 1, 2008 but before January 1, 2009), and an ACT composite score of 21 (980 SAT). Eligibility requirements for both full-time and part-time students may be found at www.tn.gov/collegepays. All award amounts are estimated, as awards will depend on collection of lottery revenue. Eligibility and renewal criteria and award amounts are subject to change. Check [\[www.tn.gov/college-\]\(#\)](http://www.tn.gov/college-</p></div><div data-bbox=)

pays for the most current requirements. Application Process. Eligible students must submit a Free Application for Federal Student Aid (FAFSA) available online at www.fafsa.gov no later than September 1 for Fall Semester and February 1 for Spring and Summer Semesters. Students should apply immediately after January 1.

Tennessee Hope Scholarship

\$4,000 per year renewable

General Assembly Merit Supplemental Scholarship

This scholarship is a \$1,000 renewable supplemental scholarship for those who meet the qualifications for the Tennessee Hope Scholarship and have in addition earned a 3.75 weighted and college core GPA and at least a composite score of 29 on the ACT (1280 SAT). Applicants can only receive one supplemental scholarship.

ASPIRE Award

This award is a \$1,500 renewable supplemental scholarship for those who meet the qualifications for the Tennessee Hope Scholarship and whose parents earn an adjusted gross income of \$36,000 or less. Applicants can receive only one supplemental scholarship.

Non-Traditional

Eligible students must be a minimum of 25 years of age and have an adjusted gross income of \$36,000 or less, and be an entering freshman or have not been enrolled in a postsecondary institution for at least two years. Award is \$4,000. For details, visit www.tn.gov/collegepays/.

Helping Heroes Grant

Eligible students must be a veteran who received an honorable discharge and has been awarded the Iraq Campaign Medal, The Afghanistan Campaign Medal or after 9/11/01 received the Global War on Terrorism Expeditionary Medal. For details, visit www.tn.gov/collegepays/.

46 Tuition, Fees & Financial Aid

Tennessee Hope Access Grant

This grant is a \$2,625 non-renewable scholarship for students who do not meet the eligibility requirements for the Tennessee Hope Scholarship. Applicants must have a 2.75 unweighted overall and college core GPA with all required college core courses and a composite score of 18 on the ACT (860 SAT) whose parents earn an adjusted gross income of \$36,000 or less. Students receiving this grant may qualify for the Tennessee Hope Scholarship in their second year.

For renewal criteria visit www.tn.gov/collegepays or www.apsu.edu/financialaid/

Part-time Awards and Renewal Criteria

Applicants enrolling part-time must meet the same criteria as full-time enrollees. Awards for those enrolled in six, seven, or eight hours will receive half of the award of full-time enrolled students, while those enrolled in nine, ten or eleven hours will receive three-quarters of the award. Renewal criteria will be the same as full-time enrolled students. For further information visit www.tn.gov/collegepays

Institutional Scholarship Awards

Austin Peay State University, State and Donor Scholarships

Austin Peay State University awards numerous competitive scholarships based on academic merit, special talents or accomplishments and financial need. The requirements for both receiving and retaining the scholarship may be found by accessing www.apsu.edu/scholarships. One application permits students to apply for as many scholarships for which they perceive themselves eligible. Academic scholarships awarded to first time students are part of the admissions process. Questions regarding academic scholarships for first time students should be addressed to the Office of Admissions.

Outside Scholarships

Many organizations not directly affiliated

with APSU donate funds for students. These include but are not limited to Rotary, Civitan, Community Foundation Groups, Church denominations, and high schools. Students are encouraged to check with organizations that they believe might have funding to assist with educational expenses. For assistance:

Office of Admissions (New Students)
(800) 844-2778 (toll free) or (931)
221-7661

Office of Student Financial Aid (Current Students)
(877) 508-0057 (toll free) or (931)
221-7907

Office of University Advancement
(regarding donor scholarships)
(931) 221-7199

Student Employment

Students employed on campus may work a maximum of 20 hours per week and in a maximum of two campus locations. Students needing employment are encouraged to seek work on campus either through the Federal Work Study program or General Campus Employment.

Federal Work Study (FWS) Program

The University receives federal funds to use to employ students with financial aid on campus while they pursue their education. Students may work a maximum of 20 hours per week during the academic year, depending on the amount of their award, and full-time during the summer. Summer earnings not applied to enrollment during the summer session will be used as a financial resource for the upcoming academic year. Eligibility requires a minimum of half-time enrollment and maintaining a minimum 1.5 GPA. Funds are limited.

General Campus Work

University departments may have limited funds to employ students to assist in academic or other tasks. The number of hours students are permitted to work varies upon departments. Applicants must be enrolled at

least half-time and maintain at least a 1.5 GPA. Positions are advertised online at <http://www.apsu.edu/hrhomepage/index.htm> or in the department. Questions should be referred to the office of Human Resources (931) 221-7177.

Disbursement Procedure

One-half of an academic year award (excluding Federal Work Study) is direct deposited in the student's bank account within three days of the beginning of the semester/term. Students who decline direct deposit will receive a balance check two weeks after classes begin. The exception to this policy is for students who are enrolled at the Fort Campbell Center, whose awards will be disbursed in fourths to coincide with the four fall and spring terms. Summer assistance is managed differently and is explained in the Summer Financial Aid application.

If an offer of financial assistance includes employment under the provisions of the Federal Work Study (FWS) Program, the amount of money awarded is the amount of money a student may expect to earn during the award period, as determined from the number of hours to be worked. FWS recipients must report to the Office of Student Financial Aid/Veterans Affairs for job placement and may not start work until the placement has been completed.

Satisfactory Academic Progress Standards

All students receiving Title IV aid are required to maintain class attendance and satisfactory progress each year as outlined in the Academic Policies and Procedures in this Bulletin in order to continue receiving financial aid. The maximum time frame for completion of a bachelor's degree will be six academic years unless the student has been enrolled part-time.

Students who lose their eligibility for financial aid may be reinstated when Satisfactory Academic Progress can again be documented. Proof of compliance must be submitted to the Office of Student Financial

Aid/Veterans Affairs.

Appeal of an adverse financial aid decision should be made in writing to the Office of Student Financial Aid/Veterans Affairs. Extenuating circumstances must be documented. A counselor will review the completed appeal application with documentation. The student has the right to have a rejected appeal reviewed by the Director, whose decision will be final. The appeal form can be obtained through the Office of Student Financial Aid/Veterans Affairs or via the Web at www.apsu.edu/financialaid/.

Satisfactory Academic Progress means that the student is not on academic probation or suspension and meets the guidelines at www.edu/financialaid/SAT-PROG.htm.

Class Attendance and Official Withdrawals

Students receiving Federal Title IV Financial Aid must attend class on a regular basis. If students cease to attend class, they should officially withdraw from the University. Students who do not officially withdraw and receive "FA" or "FN" grades in their courses, a determination must have been made regarding possible repayment of funds. Students may withdraw by completing the appropriate form located in the Office of the Registrar. See policy on returns and fee adjustments of financial aid on page 39.

Other Financial Services

Veterans Benefits

All degree programs offered by Austin Peay State University, as listed in this Bulletin, are approved for veterans' training. The Office of Veterans Affairs (OVA) must certify each veteran's training to the U.S. Department of Veterans Affairs (DVA) before any payments can be made. DVA benefits are paid only for courses that are needed to fulfill graduation requirements for the program of the recipient's major. APSU has two OVA's: Room 135, Ellington Building for Main Campus; and SSG Glenn H. English,

48 Tuition, Fees & Financial Aid

Jr., Army Education Center, Bldg. 202, Room 137 for APSU Center @ Fort Campbell. The OVA maintains all necessary forms for active-duty service persons, reservists, Guardsmen, dependents, and veterans to apply for DVA education benefits. Any questions relating to DVA training at APSU should be directed to the OVA. However, the OVA does not make decisions on eligibility for DVA education benefits, or on the amount and length of entitlement for which a student is eligible under those benefits. To receive a formal decision, the student must file a claim with the DVA, who makes initial determination on eligibility and payment amount. All claims should be filed through the appropriate APSU OVA so that copies are maintained in the student's APSU file. The programs under which the student may be eligible for DVA education benefits are listed below. To determine specific eligibility requirements, you should direct your questions to the OVA or the DVA at 1-888-GI BILL1 (1-888-442-4551).

1. Montgomery GI Bill - Active Duty Educational Assistance Program (MGIB-AD) - Chapter 30
2. Vocational Rehabilitation Services - Chapter 31
3. Post-Vietnam Era Educational Assistance Program (VEAP) - Chapter 32
4. Post 9/11 GI Bill - Chapter 33
5. Survivors' and Dependents' Educational Assistance Program (DEA) - Chapter 35
6. Montgomery GI Bill - Selected Reserve Educational Assistance Program (MGIB-SR) - Chapter 1606
7. Montgomery GI Bill - Selected Reserve Educational Assistance for Supporting Contingency Operations and Certain Other Operations - Chapter 1607
8. Restored Entitlement Program for Survivors (REPS) - Section 156
9. Education Assistance Test Program - Section 901
10. Educational Assistance Pilot Program (non-contributory VEAP) - Section 903

Avoiding DVA Education Overpayment

As a DVA education benefits recipient, you should understand what you can do to prevent an overpayment:

1. Report Changes in Enrollment:

Promptly report any changes in your enrollment to APSU OVA and the DVA. If you notify APSU, and not DVA, it may take longer to correct your payments. Please take note: DVA payment for a month of school attendance is normally made during the following month; that is, you are paid on a reimbursable basis. If you receive a payment during a month following a change in enrollment status, make sure you are entitled to that payment before negotiating it. If the amount has not changed from your previous payment and you have reduced the rate of your training, the chances are good that you are not entitled to this payment.

2. Understand the Consequences of Changes:

- a. You should understand the University's grading system. If you receive a "nonpunitive" grade of "W" or "I," reduce or terminate your enrollment, DVA will be notified. Upon receipt of the notice, DVA will reduce or terminate your benefits. The payment of DVA education benefits will not be made for any course that is not computed in the graduation requirements of the program.
- b. If you change your enrollment after the regular drop/add period, the OVA will ask for a statement explaining the events surrounding the change. The law states that no payments will be made for a course from which you withdraw, or for which you receive a "nonpunitive" grade of "W" or "I," unless there are "mitigating circumstances" surrounding the change. DVA defines "mitigating circumstances" as unanticipated and unavoidable events which interfere with a student's pursuit of a course. If you fail to provide a statement of

supporting evidence or the reasons you give are not accepted as “mitigating circumstances,” DVA will reduce or terminate your benefits from the start of the term. Examples of unacceptable “mitigating circumstances” include withdrawal to avoid a failing grade, dislike of instructor and too many courses attempted. The OVA can advise you on acceptable “mitigating circumstances.”

- c. You must report changes in dependency, including your own, if you are receiving an additional allowance for family members.
3. **If an Education Overpayment Is Created:** DVA is required to take prompt and aggressive action to recover the overpayment. The following actions may be taken if an overpayment is not promptly liquidated:
- a. Adding interest and collection fees to your debt;
 - b. Withholding future benefits to apply to your debt;
 - c. Referring your debt to a private collection agency;
 - d. Offsetting the debt from your federal tax refund;
 - e. Offsetting the debt from your salary if you are a federal employee;
 - f. Filing a lawsuit in federal court to collect the debt; and/or
 - g. Withholding approval of a DVA home loan guarantee pending payment of the debt.
4. **If you owe DVA:** Payments for DVA overpayments are not made to APSU. Contact the DVA Debt Management Center at 1-800-827-0648 (7:30 a.m. to 4:00 p.m., CST) for payment options.

Eligibility for Deferment of Payment of Tuition and Fees for Certain Eligible Students Receiving U.S. Department of Veterans Affairs or Other Governmentally Funded Educational Assistance Benefits

Service members, Veterans, and dependents of veterans who are eligible beneficiar-

ies of U.S. Department of Veterans Affairs education benefits or other governmentally funded educational assistance, subject to the conditions and guidelines set forth in Tennessee Code Annotated 49-7-104 as amended, may elect, upon formal application, to defer payment of required tuition and fees until the final day of the term for which the deferment has been requested. Application for the deferment must be made no later than 14 days after the beginning of the term, and the amount of the deferment shall not exceed the total monetary benefits to be received for the term. Students who have been granted deferments are expected to make timely payments on their outstanding tuition and fees balance once DVA education benefits are being delivered, and eligibility for such deferment shall terminate if the student fails to abide by any applicable rule or regulation, or to act in good faith in making timely payments. This notice is published pursuant to Public Chapter 279, Acts of 2003, effective July 1, 2003.

NOTE: Students who have a DVA education benefits overpayment are not eligible for a deferment.

Admission to the University Is Required for Receiving DVA Benefits

Students must be fully admitted and seeking a degree at APSU in order to qualify for DVA education benefits. Non-degree seeking students do not qualify for DVA education benefits. Admission application is made through the APSU Office of Admissions in the Ellington Student Services Building. Fort Campbell applicants may apply through APSU Center @ Fort Campbell Enrollment Services Office.

Applying for DVA Education Benefits/Initial Tuition Requirements

Application for DVA education benefits is made through the appropriate APSU OVA. For veterans and reservists, a copy of the DD-214 discharge certificate is required with

50 Tuition, Fees & Financial Aid

both the application for admission and the application for DVA education benefits. Reservists and Guardsmen must submit a copy of the DD Form 2384 (Notice of Basic Eligibility) to the appropriate APSU OVA. Application for DVA education benefits does not constitute an application for admission to the University. Students must be prepared to pay tuition and fees at the time of registration. It normally takes at least 12 weeks following an initial application for DVA education benefits before the first payment can be expected.

For further information, contact the APSU OVA or visit our Website at <http://www.apsu.edu/vaoffice/>.

NOTE: Accelerated courses may affect your VA monthly entitlement.

Critical Areas of Concern for Continuing DVA Certification for Benefits

- 1. Matriculation:** DVA considers a student to have matriculated when he/she has been admitted to the University as pursuing an approved degree. This means that all documents necessary to be admitted as a regular, degree-seeking student must be received by the Office of Admissions before matriculation is complete. Students who have not been officially admitted into a degree program are not eligible for DVA education benefits. **IT IS APSU POLICY THAT STUDENTS MUST MATRICULATE BY THE END OF THE FIRST TERM OF ENROLLMENT.** The requirements for full admission must be completed prior to enrollment for the second term of enrollment (see General Requirements for Admission). Certification for DVA education benefits will not be submitted beyond one term of enrollment for non-matriculated students. The following documents are required for matriculation:
 - a. Application for admission;
 - b. High-school transcript with date of graduation, passing GED, or External Diploma Program;
 - c. All higher education transcripts from other schools (includes Community College of the Air Force) and non-traditional college credits; and
 - d. All applicable test scores (refer to Admissions Requirements).
 - e. All military personnel (active duty, reservists, Guardsmen and veterans) must submit documents for military credit.
- 2. Proper Degree Pursuit:** In order to be certified to receive DVA education benefits, students are required to be degree-seeking and enrolled in an approved degree program of study as listed in this Bulletin. Benefit payments will only be made for those courses required in the program of study which count for graduation credit. Students must enroll in and attend the degree-granting institution in order to receive DVA education benefits. If a change of program is desired, the DVA must be notified by submitting the appropriate notification forms through the OVA.
- 3. Audited, Repeated or Excessive Courses:** DVA education benefit payment will not be made for courses which have been previously passed, whether at APSU or accepted as transfer credit. Courses taken under the Fresh Start and CARE Policy programs fall into this category, as they are taken to increase GPA. Conversely, there is no limit on the number of times a student may repeat a course for which a failing (punitive) grade has been assigned. Electives are considered to be courses which are required for graduation as long as they do not exceed the minimum number of credit hours required for graduation. Electives for which a failing (punitive) grade has been assigned may be repeated until a passing grade is received, as long as each grade is punitive when it is originally assigned. However, electives will not be considered for certification purposes, unless the prior credit evaluation is on file with the appropriate APSU

OVA. Excessive courses are those courses that a student completes, but the courses will not be used in computing hour requirements for graduation.

Excessive courses will not be certified for DVA payment.

4. **Certification Request Form:** This form is required from each student receiving DVA education benefits for each term of enrollment, and is available at the appropriate OVA or on the Web at www.apsu.edu/vaoffice. The form must be signed by the student to request certification for the term of enrollment.

Prior Credit Evaluation

An enrollment certification submitted for a DVA education benefit recipient initially enrolling at APSU, or initiating a program of study different from that previously pursued, must reflect the amount of credit allowed for previous education, training or experience, including military training and experience. This is called “prior credit,” and is that credit which, when applied to the program of study, shortens the program accordingly. The process by which this prior credit is determined is as follows: When a student initially enrolls, all documents required for matriculation must be received by the Office of Admissions within ONE term of enrollment. Following receipt, these documents are evaluated by the Office of the Registrar for transfer credit—that is, the credit from other institutions of higher education, military, etc. which are accepted by APSU as college level transfer credit. Students receive a copy of this evaluation after or upon completion of the transfer credit evaluation. This completed transfer credit evaluation must be applied to the individual program of study to shorten that program, and the result is prior credit. This prior credit must be reported to DVA on the enrollment certification prior to the end of the second term of enrollment of receiving DVA education benefits. Once prior credit is evaluated, it is not required again unless the program of study changes; then prior credit must be reevaluated in applica-

tion to the new program. For graduate students, a copy of the approved graduate program of study must be submitted prior to completion of 12 credit hours or within the second term of enrollment, whichever transpires first.

Change of Program

The OVA must be informed if a student wishes to change his/her program of study, and the proper request form submitted to the DVA. Upon making a program change, all previous coursework at APSU or other institutions must be applied to the new program as prior credit. Chapter 31 Vocational Rehabilitation students may not change their degree programs without prior approval from the DVA vocational rehabilitation counselor.

Satisfactory Progress

The OVA must report the student’s unsatisfactory progress and terminate DVA education benefits, at such time he or she no longer meets APSU’s standards of progress. All grades, no matter when earned, are part of the permanent transcript and are factored into academic progress. Students placed on academic probation must bring their GPA above the probationary level during the term following the term for which probation was awarded, or DVA education benefits will be terminated. If benefits are terminated for unsatisfactory academic progress, a written request on VA Form 22-8873 must be submitted by the student for benefits to be reinstated.

Dual Enrollment Between Main Campus and Fort Campbell

Enrolling at both Main Campus and Fort Campbell creates a special reporting requirement, because the DVA classifies Main Campus and Fort Campbell as two separate educational institutions. Pursuit of a Main Campus degree makes the Main Campus the primary degree granting institution, and pursuit of a Fort Campbell degree makes Fort Campbell the primary degree-granting insti-

52 Tuition, Fees & Financial Aid

tution. Students must be admitted to and pursuing a degree at their primary institution. Students are allowed to temporarily enroll at the secondary institution in classes that apply to the primary degree program. Enrolling at the secondary institution makes a student either transient or concurrently enrolled. Transient means a student is temporarily attending only the secondary institution; concurrently enrolled means that the student is attending both primary and secondary institutions simultaneously. The OVAs at both campuses have the Transient Enrollment Form, whereby courses at the secondary institution must be validated before they can be certified to DVA for payment. Students who are receiving DVA education benefits should consult their primary institution OVA before enrolling as a transient or concurrently enrolled student.

Attending Another Institution While Receiving DVA Benefits at Austin Peay

Students who plan to attend another institution (in a transient status) while attending and receiving DVA payment at APSU MUST see the appropriate OVA prior to registering/enrolling at the other institu-

tion, or DVA education benefits for the enrollment at the other institution will be significantly delayed or disallowed.

Attendance Policy

Students must inform APSU OVA of any change in enrollment status (drops, adds, withdrawals, etc.) in order to prevent or reduce overpayment of DVA education benefits. When the OVA is notified that a student's attendance is unsatisfactory, the benefits for that class will be terminated from the last recorded date of attendance as provided by the faculty member. If no recorded last date of attendance is provided, benefits will be terminated effective the first day of the term.

A grade of FN (student has never attended class) results in the termination of benefits from the first day of the term; a grade of FA (student has stopped attending class) results in termination from the last recorded date of attendance.

Students may use AP Self Service for Students (<https://onestop.apsu.edu>) to view all their APSU VA information; this website will inform the VA student of his/her approved certified courses.

University Academic Policies

University academic policies and procedures apply to all University programs. Policies and procedures unique to individual programs are stated in the Bulletin in the requirements of the program or major.

Academic Advising

Deliberate and intentional academic advising at Austin Peay State University guides students in making responsible academic and career choices, setting goals, and developing education plans to realize these goals. The process begins when a student enrolls at Austin Peay and continues through graduation. Faculty members and professional advisors assist students by helping them identify and assess the alternatives and the consequences of academic decisions. The academic advisor is one of the most important contacts at the University and should be sought out by the student at any time academic assistance is needed.

Declared Students

Students who have declared majors meet with a faculty member from the department of the major at the time of initial enrollment (Summer or Winter Welcome). Declared students are then assigned a per-

manent advisor in the department of their majors during the first semester of enrollment. The faculty advisor can advise students regarding General Education requirements, major requirements, job possibilities, internships, research with faculty, applied university community experiences, and can guide the student in using campus resources as needed. Students must meet with their advisor once each semester to review their educational plan, select courses for the following semester, and register. At the end of the advising session, the advisor will provide the student with an Alternate PIN which the student must use to complete the registration process. Academic departments organize their advisement procedures differently; therefore, students should contact the departmental secretary to arrange an appointment with the faculty advisor if the faculty member does not have advising hours posted.

Undeclared Students

Students who have not declared a major, are assigned to the Career and Advisement Center located in Morgan University Center, Room 310, to be advised by professional advisors. These advisors are trained and

54 Academic Policies

available to assist students in selecting courses that meet the General Education requirements, identify career and vocational goals, meet university expectations, and choose a program of study.

Registration

The Office of the Registrar, located in Ellington 316, is the central administrative office responsible for the registration process, maintaining permanent academic records, performing degree audits.

After meeting with their academic advisor, APSU students register. The registration process includes three phases. The dates for each phase are stated in the official academic calendar on the Web.

- Priority registration—open to currently enrolled students.
- Open registration—open to new students and readmitted students.
- Late Registration; Drop/Add period—open to students eligible to enroll as fully admitted student for a given semester.

Holds on Registration

Holds may be placed on a student's registration in order to satisfy an obligation owed to the University. Holds are communicated to the student via AP Self Service. The most frequent holds are for debts owed the University, such as an unpaid parking ticket or library fine, or for an academic deficiency which must be removed before a student can proceed. Registration, transcript request, and graduation cannot proceed unless a hold is removed.

Classification of Students

The academic standing or classification of undergraduate students is based on number of credit hours they have earned as follows:

Level	Number of Credit Hours Earned
Freshman	0-29
Sophomore	30-59
Junior	60-89
Senior	90 and above

Full-Time Load

The basic unit of all college work is the "semester credit hours." For undergraduate students, twelve (12) semester hours for Fall or Spring semester is a full-time load in determining such things as veteran status, financial aid, and insurance eligibility. However, the usual load for a full-time undergraduate student is at least 15 semester hours. Because the summer term is approximately one-third the length of the semester, the workload for one course is three times as heavy. APSU strongly recommends students register for no more than six semester hours in each summer term. Graduate students who enroll for eight (8) hours during the semester are considered full-time.

Auditing

Auditing (no credit awarded) of courses will be permitted for regularly enrolled students who have obtained the permission of the instructor. Such courses count at full value in computing the student's course load and fees, and the student's name appears on the official class roll and should appear on the student's approved schedule of classes. Students who wish to audit a course must complete and submit an Audit Card to the Office of the Registrar before the end of late registration. Once the card has been submitted, the student may not change audit status. The grade awarded is AU and has no effect on the student's grade-point average; it cannot be changed at a future time. Students may not receive financial aid for audited courses.

Internship

Some academic programs offer the opportunity for internships for which students can earn credit that applies toward the degree. The department which houses the program facilitates all aspects of the internship and awards a grade when the internship is completed.

Maximum Loads

Students who meet full admission requirements may enroll in and receive credit toward graduation in a maximum of 18 credit hours during the fall and spring semesters or 9 hours in any term at APSU @ FC Center. This includes registrations at all colleges and universities and APSU @ FC Center. A deviation from this policy must be approved on a Request for Overload form by the student's advisor or the department chair and the dean of the college in which the student's major is housed. The maximum load for undergraduate students during the summer terms is eight (8) hours in either five-week session or fourteen (14) hours during the entire summer term.

Prerequisites and Corequisites

A number of APSU courses require the completion of prerequisites by students who wish to enroll in the courses. Therefore students should attempt to schedule courses that serve as prerequisites for advanced study early in their academic career. Courses numbered 1000-2999 are designed to serve as preparation for upper division requirements. Students may not enroll in any course for which they have not completed the prerequisite satisfactorily or in which they are not enrolled during the priority registration period. Corequisite courses must be taken concurrently and will be listed as such in course descriptions.

Classification of Courses

Courses of instruction for degree credit in the curriculum of the University are divided into three categories: lower division courses (typically regarded as freshman and sophomore level) are numbered 1000-2999; upper division courses (junior and senior level courses) are numbered 3000-4999. Graduate courses are numbered 5000 and above. Undergraduate students may enroll in graduate courses only if they meet minimum requirements as listed in the GRADU-

ATE BULLETIN and receive prior approval of the Dean of Graduate Studies. Courses numbered below 1000 do not count for degree credit, but do count for determining fees, enrollment status and grade point average (GPA).

APSU 1000 Requirement

All students who enter Austin Peay State University having earned fewer than 12 semester credit hours in college or university classrooms (including Web courses) must enroll in APSU 1000 during the first semester of enrollment. Conditionally admitted students must enroll in designated sections.

Enhanced Courses with SLA Requirement

www.apsu.edu/academic_support/

Students whose ACT, SAT, or COMPASS mathematics and English scores do not meet the requirements of the Tennessee Board of Regents required for university-level courses must enroll in an enhanced section of the appropriate core course. The corequisite of all enhanced sections is Structured Learning Assistance. Assessment scores that place students in enhanced mathematics are: ACT 15-18; SAT 350-450; COMPASS pre-algebra 30, algebra 20-49. Assessment scores that place students in enhanced English are: ACT 15-17; SAT 390-450; COMPASS 39-74.

Academic Standards and Regulations

Students are responsible for participating in academic advisement and for adhering to the schedule of courses for which they register unless they officially make changes. Students may drop and add courses using AP Self Service and can withdraw from the University by withdrawing online through AP Self Service or submitting required forms to the Office of the Registrar within the time limits established in the official University Calendar, which is available on the Web.

56 Academic Policies

Class Attendance

Students are expected to attend class regularly, to participate in class, and to be prepared with assignments. The University requires faculty to report students who have never attended or who stopped attending class. The impact of class attendance on the final grade is within the purview of the teaching faculty, and faculty will inform class members of their attendance policies through a course syllabus distributed at the beginning of the semester or term. Irregular attendance may result in referral to the Academic Support Office (Academic Alert). Students who miss an examination because of extenuating circumstances must request approval from the instructor. Unless the student is officially representing the University off campus, the discretion of the instructor determines the action regarding missed exams or work. Class absenteeism that results in the grade of “FA” (failure, stopped attending) or “FN” (failure, never attended)

may adversely affect the student’s time status, financial aid repayment of lottery scholarship, and/or veteran’s benefits.

Inclement Weather

Austin Peay State University offices may remain open during periods of inclement weather. To be notified if classes are cancelled or the University is closed due to inclement weather, students should sign-up for AP Alert, the University’s text messaging system. Students may also check the home page of the APSU website for cancellation or closing notices. Unless the University officially cancels classes, students are responsible for any academic work missed as a result of inclement weather. It is the individual student’s responsibility to take the initiative in making up any missed work. More information about inclement weather procedures can be found at <http://www.apsu.edu/alert/weather.aspx>.

Grading System

At the end of each semester, the student’s quality of work is graded by the instructor. The grades are indicated by letters on a four-point system being used:

Grade	Interpretation	Quality Points Per Semester Hour of Credit
A	Excellent	4
AU*	Audit	–
B	Good	3
C	Average	2
D	Below Average	1
F	Failure	0
FA	Failure, stopped attendance	0
FN	Failure, never attended class	0
P*	Pass, on Pass-Fail Course	–
XF*	Failure, on Pass-Fail Course	–
I*	Incomplete	–
IP*	In Progress (limited to COMM 3400, CHEM 4940, and BIOL 4830 & 4840)	–
W*	Withdraw	–
NR*	Not Recorded (contact instructor)	–

*Not calculated in GPA

Grades of “A”, “B”, “C”, “D” carry the appropriate quantity and quality credits, and all grades calculated in the GPA affect the student’s academic standing. Students must maintain a minimum 2.0 APSU, Major, Minor and overall GPA in order to graduate.

Quality Points and Grade-Point Average (GPA)

Students must obtain a degree of excellence higher than is indicated by a minimum passing grade. For determining the qualitative standing of a student, quality credits are used. To graduate, a student must make a “C” (2.00) average on all credits attempted—that is, earn twice as many quality points as quality hours attempted. In determining the academic standing and grade-point average of a student, the following two factors are used:

1. Total quality hours of credit the student has attempted. (In the case of a repeated course, the course is counted as attempted one time only, except as stated under the “Course Repeats” section.) Courses taken on a Pass-Fail basis, “I” and “IP” grades are not included in the hours attempted.
2. Total quality points earned in courses. (In the case of a repeated course, only the quality points earned the last time the student receives a grade in the course are included, except as stated under the “Course Repeats” section.) Quality points are not earned in courses taken on a Pass-Fail basis.

The Grade-Point Average (GPA) is determined by dividing the total quality points earned by the total quality hours attempted, including all courses attempted at APSU and at other institutions (transfer work).

Grade Reporting

Students are assigned a grade in a course at the end of the semester or term. A mid-term grade must be awarded in all courses numbered 1000-2999 and may be awarded in upper division courses; they do not affect University GPA.

Grade of Incomplete

A grade of incomplete (I) must be changed within one calendar year or the grade of “I” will automatically convert to a grade of “F.” After the grade of “F” is recorded,

the student will have one calendar year to appeal the “F” grade through the instructor of the course. If approved, a Change of Grade Form must be submitted by the Dean of the college with his/her signature to the Office of the Registrar no later than one calendar year after the grade of “F” was recorded.

Pass-Fail Grading

Students, except those on academic probation, will be permitted to take some courses, excluding core courses, in which they may receive a grade of Pass or Fail. These courses are identified in the Course Descriptions section. In order to be eligible for this program, the student must have satisfactorily completed 24 semester hours at APSU, must be enrolled full-time (12 hours) in letter-grade courses, and may take only one such course. Other than for the exceptions listed in certain programs, no student will be permitted to apply toward a degree more than 12 semester hours of traditional credit graded with Pass.

Participating students will be awarded a grade of “P” if the required coursework was judged by the instructor to be at a level of “C” or above. Such courses do not impact grade-point averages for graduation or for honors. Students must have the permission of the instructor to enroll on a pass/fail basis unless the course is designated as a pass/fail course. A student may change to a pass/fail basis only during the normal drop/add period.

Not Recorded (NR) Grade

A grade of “NR” will be recorded for all courses in which an instructor fails to enter a final grade. Students should contact the instructor immediately if a grade of “NR” has been recorded.

Dropping Courses

After a student has officially registered for a class, the student is considered to be a member of the class unless the student officially drops the class, officially withdraws from the University, is canceled by administrative authority, or is permanently excluded

58 Academic Policies

by the Student Academic Grievance Committee. All financial obligations are retained when the student discontinues class attendance without officially dropping or withdrawing from the University. Students will be awarded a grade of “W” when the course is dropped within the time limit established by the University for an automatic “W.”

Grades Awarded for Dropped Courses

The grade awarded for a dropped course or for courses from which the student withdrew depends on the date the student withdrew from the course or from the University. The dates for awarding grades appear in the official University calendar.

1. A grade of “W” is awarded when the student drops or withdraws within the time period the University has established for awarding an automatic “W.” The grade has no impact on the student’s cumulative GPA.
2. A grade of “F”, “FA” or “W” will be awarded if the student drops or withdraws between the automatic “W” date and the automatic “F” date. A grade of “W” will only be awarded if the instructor determines the student is passing at the time of withdrawal.
3. A grade of “F” or “FA” is awarded during the mandatory “F” period. Very limited exceptions are made and require the student present to the Dean of the College of the student’s major documented acceptable reasons establishing the existence of extenuating circumstances. Undeclared students must be approved by the Dean of Enrollment Management and Academic Support Services. The dean’s decision is communicated to the instructor.

Withdrawal from the University

Official withdrawal requires all courses to be dropped by withdrawing online through AP Self Service at www.onestop.apsu.edu. First time freshmen, athletes and active duty soldiers using GoArmyEd are not permitted to withdraw online. First time freshmen

must contact the Academic Alert Coordinator at 931-221-6555 and athletes must contact the Athletic Department at 931-221-6119 to initiate the withdrawal process. Please print off the withdrawal form located at www.apsu.edu/records/forms.htm and take it to your appointment with the Academic Alert Coordinator or Athletics. Once you have obtained all necessary signatures, the form must be returned to the Office of the Registrar, Ellington 316 for processing and finalization of the withdrawal process. Active duty soldiers who registered through the GoArmyEd portal must withdraw from classes through the GoArmyEd portal. Any fee adjustment of tuition and fees will be based on the published schedule for fee adjustments included in the Official University Calendar and the date the completed *withdrawal form* is submitted to the Office of the Registrar. Withdrawal from the University may require repayment of financial aid, loss of lottery scholarship eligibility and loss of VA benefits. Students receiving financial aid should meet with the financial aid counselor prior to withdrawal.

Grade Changes

Errors in grades must be reported to the instructor of the course immediately. No grade changes will be made one calendar year after the grade was assigned without the approval of the college dean and Provost.

Grade Appeal

Students may appeal course grades with their instructor within one calendar year from the date the grade was submitted to the Office of the Registrar. Once a degree has been posted to the transcript, the academic record is deemed complete, and changes will not be made on grades prior to the posted degree. Review the Academic Grievance Policy section in the STUDENT HANDBOOK for appeal procedures.

Access to Grades


Students may obtain their mid-term and final grades through AP Self Service for Students (<https://onestop.apsu.edu>).

Compass Assessment

Students who require the COMPASS assessment in order to be considered for admission to the university include:

- Prospective freshman students 21 and over who cannot provide ACT/SAT scores (entire COMPASS battery) within 3 years of the first day of the student's entering semester
- International students who cannot provide ACT/SAT scores (entire COMPASS battery)
- Freshmen who have earned 11 or fewer transferable hours who cannot provide ACT/SAT scores (entire COMPASS battery)
- Transfer students (have earned 12 or more transferable credits) from a regionally accredited college or university who have not completed a transferrable university-level English, mathematics, or a *reading intensive course* (assessment determined based on area of need)
- Transfer students from non-regionally accredited institutions (entire COMPASS battery)

The COMPASS assessment is used for academic placement. Students whose scores fall below the level of college ready* are required to enroll in enhanced sections of core courses. Deficiencies in reading and writing (English) must be removed during the student's entering semester or term. A mathematics deficiency must be addressed within the first 30 hours of enrollment. Deficiencies at the remedial level require completion of the learning support program offered by Nashville State Community College on the APSU campus.

The COMPASS assessment is offered in the Testing Center, Ellington 202, and at APSU @ Fort Campbell. An appointment with the APSU Testing Center is required. Students may schedule an appointment by calling 931-221-6269. 

*appropriate learning support required if initial assessment scores fall below:

	ACT	SAT	COMPASS
Writing	18*	450*	74*
Reading	19	900 (Composite)	80
Mathematics	19	460	50

*writing scores will be effective Spring 2011.

Transferability of Credit

Austin Peay accepts credits from other regionally accredited colleges and universities as transfer credit. Substitutions of transfer credit in the requirements of the major must be approved by the department in which the major is housed. Students may appeal the denial of transfer of credit from non-regionally accredited institutions; the decision regarding such credit is deferred until after registration at APSU. Stipulations that apply to transfer credit include:

1. All Transfer Hours Attempted, Hours Earned, Quality Points, and Grade-Point averages earned at other colleges and universities will be included in the APSU academic record.
2. Courses earned with grades of "A," "B," "C," "D," or "P" will be considered for applicability toward the APSU degree; only grades of "A," "B," or "C" will be accepted for English 1010, and remedial courses. A grade of "F" will be posted on the APSU academic record. Transfer grades are equated to the APSU grading system (see page 56).
3. Courses earned with grade of "I" will transfer to APSU as a grade of "F."
4. The completion of an Associate of Science or Associate of Arts degree in a university parallel (transfer) program at any Tennessee Board of Regents two-year institution, as stated in the institution's 1988 or later Bulletin, satisfies the General Education core requirements for the BBA and BS and all core requirements for the BA except for Humanities Foreign Language (6 hours). The only exception to this policy is if the student has not completed six semester hours of American History (three hours of Tennessee History

60 Academic Policies

may be substituted for three semester hours of American History). Students who have not completed six semester hours of American History will not have met the General Education core requirements. Moreover, certain requirements of specific degree programs at APSU may be satisfied by careful selection of General Education core courses at the two-year institution. This policy also applies to Hopkinsville Community College if six semester hours of American History have been included and if their core has been met without exception. The Associate of Applied Science programs at Fort Campbell, TBR Community Colleges or Hopkinsville Community College do not fulfill the General Education core requirements for the baccalaureate degree.

5. The completion of a baccalaureate degree from any institution or the equivalent of a baccalaureate degree from a foreign university as certified by an educational credential agency may satisfy the General Education core requirements for a second bachelor's degree, unless the American History requirement in this Bulletin has not been met.
6. There is not a maximum or minimum number of hours of credit that can be transferred from a community or junior college. Only lower division credits are transferable from a community or junior college. Courses will be evaluated on an individual basis as to their applicability toward degree requirements and must meet all University degree requirements.
7. APSU grants non-traditional credit for military service and service schools in accordance with the recommendations included in the "Guide to the Evaluation of Educational Experiences in the Armed Services," published by the American Council on Education.
8. APSU grants credit for courses completed only from institutions that are accredited by the appropriate regional accrediting association for colleges and universities.
9. Credit earned as a transient student that

will be transferred to APSU must be approved on a Coursework Approval Form prior to the student registering.

10. Only new transfer students beginning Fall 1999 may be considered for transfer credit from a non-regionally accredited institution of higher learning when requested during their first term at Austin Peay. Readmit, SOCAD, and currently enrolled students may request consideration for only such credits earned during or after Fall 1999. Course equivalency credit may be awarded only after review and approval by the appropriate academic department chair or designee and dean. One application for Transfer Credit form is required for each course requested for acceptance. A course competency examination or other evidence may be required as a part of this process.
11. Transfer applicants who have a valid ACT English score of 28-30 (SAT/SAT1 verbal/critical reading 620-680) may receive credit for English 1010. Those with a valid ACT English score of 31-36 (SAT/SAT 1 verbal/critical reading 690-800) may receive credit for English 1010 and 1020. Students will receive this credit only if they have not already received college credit for English 1010 and 1020.

Life/Work Portfolio Experiential Learning Credit

Options at the Undergraduate Level

Austin Peay State University offers a variety of assessment tools for the evaluation of college-level knowledge gained through work and life experience. A student may earn a maximum of 15 semester hours at the undergraduate level through experiential learning credit. APSU prescribed allocations for experiential credit fall within the established Southern Association of Colleges and Schools parameters for experiential credit. Experiential learning credits may be earned in Communication and Theatre, Professional Studies, Health and Human Performance, Medical Technology and Computer Science, Criminal Justice and

Information Technology.

Students earning experiential credit must meet the minimum residency requirements of 25% of the total number of credits required for the degree at Austin Peay State University. The privilege of seeking experiential learning credit is available to both full-time and part-time degree status students. A student should meet with his or her program advisor at the beginning of the academic career at Austin Peay State University to determine how experiential learning may be applicable to the degree.

Portfolio Development

Upon approval by the appropriate chair a student may develop a portfolio for a course or courses offered by Austin Peay State University to gain college-level credit. Portfolios are submitted to the faculty advisor and/or the department chair(s) of the appropriate department(s). The process ideally includes a preliminary study of the portfolio, an interview with the student, and the determination of credit to be awarded by the faculty assessor. A student seeking experiential credit via a life/work portfolio must complete an APSU non-credit portfolio development course through the Center for Extended and Distance Education.

Students must choose CLEP, department challenge exams or other approved mechanisms to receive credit for prior knowledge when available in lieu of seeking credit via portfolio. Experiential learning credits awarded will be treated in the same way as transfer credits; a “P” (Pass) will be assigned

and will not count in the grade point average. For additional information about various options for earning experiential learning credit, contact The Center at (931) 221-6487.

Candidates for portfolio credit are:

1. Returning students with significant work experience
2. Employed at least 5-7 years in a particular field, with increasing responsibilities
3. Highly organized – effective speakers and writers
4. Highly motivated – will work independently to complete a project
5. Able to reflect on work and training

Credit by Testing

A student may receive university credit by AP, IB, CLEP, or other such examinations and by experiential learning.

Advanced Placement (AP)

Austin Peay State University honors Advance Placement (AP) credit for certain classes in which an equivalent is offered and for which the required score is achieved. For details on scores required and course equivalencies, visit <http://www.apsu.edu/records/bulletin/BULLETINS.htm> or see page 63 of the University Bulletin.

International Baccalaureate (IB)

Austin Peay State University honors International Baccalaureate (IB) credit for certain undergraduate classes for which an equivalent is offered and for which the required grade is achieved.

International Baccalaureate Program Subject	IB Score	Recommended APSU Credit APSU Equivalent
American History	5+	Elective
Biology (higher level)	5+	BIOL 1010 & 1020 with Lab
Chemistry (higher level)	5+	CHEM 1110 & 1120 with Lab
English (A1 exam)	5	ENGL 1010
English (A1 exam)	6+	ENGL 1010 & 1020
English (A2 and B exam)	n/a	
French (higher level)	4+	FREN 2010 & 2020
German (elementary level)	4+	GERM 1010 & 1020
German (higher level)	4+	GERM 2010 & 2020

62 Academic Policies

Spanish (higher level)	4+	SPAN 2010 & 2020
Mathematics (higher level)	4+	MATH 1910, 2010, 2020
Philosophy (higher level)	4+	Elective
Physics (higher level 1)	4+	Elective
Physics (higher level 2)	4+	Elective

College Level Examination Program (CLEP)

CLEP General Examinations

Students who have earned fewer than 60 hours of traditional college credit may receive university credit by satisfactorily completing the appropriate CLEP (College Level Examination Program) general exam.

Students seeking such credit must have earned no credit for a similar course for which the credit is to be awarded. A six-month waiting period is required before a student can repeat a general examination. Contact the University Testing Center for additional information regarding CLEP exams, see page 64 of the University Bulletin, or visit www.apsu.edu/testing for the list of CLEP general examinations and the APSU courses for which the credit can be applied.

CLEP Subject Examinations

In order to receive credit for the CLEP Subject Examinations the students must not have received credit in a similar course for which the credit is to be awarded. Both the objective tests and the essay tests may be required for Subject Examinations. A waiting period of six months is required before a student is eligible to repeat any Subject Examination. Contact the Testing Center for additional information on CLEP Examinations, see page 64 of the University Bulletin, or visit www.apsu.edu/testing.

Certified Professional Secretary (CPS)

Students who have successfully passed the Certified Professional Secretary (CPS) examination may submit scores to the Office of the Registrar and receive undergraduate credit. Courses for which credit may be received may be found at <http://www.apsu.edu/records/index.htm> or see page 64 of the University Bulletin.

Correspondence Credit

Credit earned upon completion of correspondence courses taken from a regionally accredited university will be accepted. Students registered at APSU must have permission on the Coursework Approval Form to take a correspondence course. While in residence at the University, the student may not take English Composition by correspondence.

Departmental Proficiency Examinations

Some academic departments give proficiency examinations to students under limited conditions in conjunction with an instructor who is willing to administer and grade the examination. Students should have the requisite knowledge and skills upon completion of existing courses, from previous experience, or personal expertise. Students should contact the respective department chair about potential courses for departmental proficiency examinations. Students must complete the Application for Departmental Proficiency form (available from the Office of the Registrar) and pay the respective fees prior to the examination. To be acceptable for credit the student must have attained a minimum grade of "B" on the examination.

CYBIS

Credits earned through interactive computerized instruction CYBIS will be evaluated using ACE guidelines.

Defense Activity for Non-Traditional Education Support (DANTES)

Credit earned through DANTES-Subject Standardized Tests (DSSTs) will be evaluated using ACE guidelines. DANTES are available from the Testing Center.

Non-Traditional Credits

Students may be able to receive college credit for other experiences and examinations. A complete list of examinations and experiences and the courses for which the student may receive credit may be found at <http://www.apsu.edu/records/index.htm>.

Department of Safety (Donelson) and Tennessee Department of Corrections (Tullahoma).

Law Enforcement and Corrections Training Credit

Upon completion of one APSU course, a regular admitted student may request evaluation of training received from the following Tennessee academies: Metropolitan Police Department (Nashville), Tennessee Basic Police School (Donelson), Tennessee

Military Service Experience

Students are eligible to receive non-traditional credit for military experiences after successfully completing one course at APSU and attaining regular student status. Military experience is evaluated using the appropriate ACE Guide recommendation. Students who have completed Basic Training are awarded two hours of Physical Activity and three hours of HHP 1250 –Wellness Concepts and Practices (see page 336).

AP - ADVANCED PLACEMENT EXAMINATIONS

The following Advanced Placement (AP) Examinations of the College Entrance Examination Board (CEEB) are accepted for credit toward a degree.

CEEB AP TEST	APSU COURSE(S)	CREDIT HOURS	MINIMUM SCORE
Art: Studio Art-Drawing Portfolio	ART 1040	3	3
Art: Studio Art-General Portfolio	ART 1010	3	3
Biology	BIOL 1010, 1011	4	3
Calculus AB	MATH 1910	5	3
Calculus BC	MATH 1910, 1920	10	3
Chemistry	CHEM 1010, 1011 or CHEM 1110, 1111	4	3
Chemistry	CHEM 1010, 1011, 1020 or 1110, 1111, 1120, 1121	8 or 10	4
Computer Science A	CSCI 1010	3	3
Computer Science AB	CSCI 1010, 2010	6	3
Economics: Macroeconomics	ECON 2010	3	3
Economics: Microeconomics	ECON 2010, 2020	6	4
English Language & Composition	ENGL 1010	3	3
English Literature & Composition	ENGL 1010, 1020	6	3
French Language	FREN 1010, 1020	8	3
French Literature	FREN 1010, 1020	8	3
German Language	GERM 1010, 1020	8	3
History of Art	ART 1030	3	3
Latin	LATIN 1010, 1020 LATIN 1010, 1020, 2010	8 11	3 4 or 5
Music Theory I	MUS 1180	3	3
Music Theory I & II	MUS 1180, 1190	6	4
Music: Aural Skills I	MUS 1185	1	3
Music: Aural Skills I & II	MUS 1185, 1195	2	4
*Physics B	PHYS 2010 PHYS 2010, 2020	4 8	3 4

64 Academic Policies

*Physics C	PHYS 2110	4	3
	PHYS 2110, 2120	8	4
Psychology	PSY 1010	3	3
Spanish Language	SPAN 1010, 1020	8	3
Spanish Literature	SPAN 1010, 1020	8	3
Statistics	MATH 1530	3	3
United States Government & Politics	POLS 2010	3	3
United States History	HIST 2010	3	3
United States History	HIST 2010, 2020	6	4
World History	HIST 1220	3	4

*No laboratory credit awarded

Certified Professional Secretary (CPS) Credit

APSU COURSES	CREDIT HOURS
Part I: Finance & Business Law	
MT 2010	3
MT 2250	3
ECON 2010	3
Elective Credit	1
Part II: Office Systems & Administration	
CTIM 2210	3
CTIM 7>	%
CTIM 7>	%
Elective Credit	4
Part III: Management	
MT 2050	3
Elective Credit	6
Total Hours	32

NOTE: Tests taken before November 1994 will receive different credit based on test changes.

CLEP - College Level Examination Program General Examinations Credits

CLEP General Examination	Minimum Score	APSU Credit/Course
English Composition (with or without essay)	50	3 hours elective credit
Humanities	50	6 hours for ART 1030 & MUS 1030
College Mathematics	50	6 hours elective credit
**Natural Sciences	50	6 hours elective credit
Social Sciences & History	50	6 hours elective credit

**Does not meet Liberal Arts Core Science requirement

CLEP - College Level Examination Program Subject Examination Credits

CLEP SUBJECT EXAMINATIONS	APSU COURSES	CREDIT HOURS	MINIMUM SCORE
American Government	POLS 2010	3	50
American Literature	ENGL elective	3	50
*Analyzing & Interpreting Literature	ENGL 1020	3	50

Calculus with Elementary Functions	MATH 1810, 1820	6	50
College Algebra	MATH 1710	3	50
College French (Levels I & II)	FREN 1010, 1020	8	50
College German (Levels I & II)	GERM 1010, 1020	8	50
College Spanish (Levels I & II)	SPAN 1010, 1020	8	50
English Literature	ENGL elective	6	50
*Freshman College Composition	ENGL 1010	3	50
General Biology	BIOL 1010, 1011	4	50
General Chemistry	CHEM 1110, 1111, 1120, 1121 or CHEM 1010, 1011, 1020, 1021	8 or 10	50
History of the United States I: Early Colonization to 1877	HIST 2010	3	50
History of the United States II: 1865 to the Present	HIST 2020	3	50
Human Growth & Development	PSY 3110	3	50
Information Systems & Computer Applications	CSCI 1000	3	50
Intro to Educational Psychology	PSY 3130	3	50
Introductory Business Law	BLAW 3300	3	50
Introductory Psychology	PSY 1010	3	50
Introductory Sociology	SOC 2010	3	50
Precalculus	MATH 1730	4	50
Principles of Macroeconomics	ECON 2010	3	50
Principles of Management	MGT 3010	3	50
Principles of Marketing	MKT 3010	3	50
Principles of Microeconomics	ECON 2020	3	50
Western Civilization I: Ancient Near East to 1648	HIST 1210	3	50
Western Civilization II: 1648 to Present	HIST 1220	3	50

*Both the essay portion and the objective portion of the Freshman College Composition test and the Analyzing and Interpreting Literature tests are required to receive credit for English 1010 or English 1020.

Law Enforcement and Corrections Training

Upon completion of one APSU course, a regular admitted student may request evaluation of training received from the Tennessee academies listed below. The following courses represent the credit usually given for the B.S. degree in Criminal Justice with a concentration in Homeland Security.

Metropolitan Police Department (Nashville)

CRJ 1030 Introduction to Law Enforcement	3
CRJ 1040 Introduction to Security	3
CRJ 1050 Introduction to Corrections	3
CRJ 1060 Introduction to Criminology	3

Total Maximum Credits 12

66 Academic Policies

Tennessee Basic Police School (Donelson)

CRJ 1030 Introduction to Law Enforcement	3
CRJ 1040 Introduction to Security	3
CRJ 1050 Introduction to Corrections	3
Total Maximum Credits	9

Tennessee Department of Safety (Donelson)

CRJ 1030 Introduction to Law Enforcement	3
CRJ 1040 Introduction to Security	3
CRJ 1050 Introduction to Corrections	3
Total Maximum Credits	9

Tennessee Department of Corrections (Tullahoma)

CRJ 1030 Introduction to Law Enforcement	3
CRJ 1040 Introduction to Security	3
CRJ 1050 Introduction to Corrections	3
Total Maximum Credits	9

Excelsior College Examination

The School of Nursing grants credit for the following Excelsior College Exam in nursing for (RN-BSN) registered nurses. If a student does not pass the examination, it may be retaken once. If the minimum score is not made, the RN/BSN student must take and pass that course within the APSU Nursing Program. Official scores must be sent to the APSU Office of Admissions and the School of Nursing. After careful review, a memo with scores attached will be forwarded to the Office of the Registrar for recording to the academic record. Contact the School of Nursing for additional information.

EXCELSIOR COLLEGE EXAM	APSU COURSES	CREDIT HOURS	MINIMUM SCORE
403 Fundamentals of Nursing	NURS 3030	8	45
457 Maternal & Child Nursing	NURS 4040	9	45
503 Psychiatric & Mental Health	NURS 3060	8	45
554 Adult Nursing	NURS 3070	8	45

PONSI - National Program on Non-collegiate Sponsored Instruction

Credit earned through PONSI will be evaluated using the National PONSI guide.

Academic Status

Three levels of academic status exist: good standing, academic probation, and academic suspension. Students placed on academic probation or academic suspension receive notification from the Office of the Registrar at the end of the semester or term the status was earned.

Good Standing

This status means that the student is meeting the minimum standard for retention. Satisfactory Academic Progress means that the student is not on academic probation or suspension and meets the following GPA requirements:

- 1.5 for 0-29 hours attempted
- 1.8 for 30-45 hours attempted
- 1.9 for 46-59 hours attempted
- 2.0 for 60 and above hours attempted

Graduation requirements require that the student earn a cumulative GPA of 2.00, a

minimum APSU GPA of 2.00, a minimum GPA of 2.00 in the major, and a minimum GPA of 2.00 in the minor if applicable. Programs may require a higher GPA for retention in the program.

Dean’s List

At the end of each specific semester/term a list of honor students, known as the Dean’s List, is published. To qualify for this distinction the main campus student must earn at least 12 credits (university-level courses only) with a minimum semester/term GPA of 3.50. Courses taken on the Pass-Fail grading system and Remedial Studies will not be included in hours earned for purposes of the Dean’s List.

APSU Center @Fort Campbell

At the end of each term a list of honor students, known as the Dean’s List, is published. Students attending the Fort Campbell campus qualify for this distinction using two methods: at least 12 hours in one term (university-level courses only) with a minimum term GPA of 3.50; or, a combination of at least 12 credits (university-level courses only), in consecutive Fall I and Fall II, or Spring I and Spring II terms.

Graduating with Honors

Students who earn a cumulative **overall** grade point average as follows will graduate with honors:

- 3.90 - 4.00 SUMMA CUM LAUDE
- 3.70 - 3.89 MAGNA CUM LAUDE
- 3.50 - 3.69 CUM LAUDE

University-level courses only apply.

Overall as indicated on your academic transcript.

Academic Probation

A student will be placed on academic probation at the completion of any semester/term or summer session when the student’s cumulative GPA falls below the following:

Quality Hours Attempted	Minimum Grade Point Average
11 or less	no minimum
12 - 29	1.50

30 - 45	1.80
46 - 59	1.90
60 and above	2.00

Quality hours attempted include all courses and hours except for grades of "AU," "I," "IP," and "W." Students on academic probation are limited to a credit load of 14 hours during the Fall and Spring semesters, or six hours at Fort Campbell or all Summer sessions. Freshmen placed on academic probation during their first year will be required to participate in the academic strengthening program, Promoting Academic Student Success (PASS). Other students on probation or students returning from academic suspension are also encouraged to participate in the program. Please contact the Title III office at 931-221-7633 for information about the program. Conditionally admitted students enter on probation and will be suspended after the first semester if the GPA is less than 1.50.

Academic Suspension

Full-time students on academic probation who, at the end of the semester or term of enrollment, fail to earn the grade-point average required for that semester (Column A below) or to raise their cumulative GPA to the required minimum (Column B below) will be suspended for the next semester as well as for any term that might be in session before the next semester begins (e.g., summer term). Part-time students on probation will be subject to the same criteria regardless of the number of attempted hours.

Quality Hours Attempted	Semester GPA (Column A)	Cumulative GPA (Column B)
11 or less	no minimum	no minimum
12 - 29	2.00	1.40
30 - 45	2.00	1.70
46 - 59	2.00	1.80
60 and above	2.00	2.00

Quality hours attempted includes all courses and hours except for grades of "AU," "I," "IP," "W," and "NR."

68 Academic Policies

The student who is academically suspended for the second time (Second Suspension) including suspensions from all colleges and universities attended, will be suspended for one calendar year. The student suspended for the third time or more (Indefinite Suspension) may be readmitted only by a petition for reinstatement approved by the Academic Suspension Appeals Committee.

Suspended students may file a written appeal of their suspension period with the Office of the Registrar no later than the deadline date indicated in the student's suspension letter. Only one appeal per suspension period may be made, with Indefinite Suspension limited to one appeal per calendar year. The academic suspension on appeals committee will review paperwork for each appeal and render a decision. The decision of the committee is final.

The University reserves the right to cancel a student's registration with full fee adjustment should the student enroll prior to being officially notified of an academic suspension.

A student on academic suspension may not be admitted to, or continue in, any program at APSU for credit or for grade-point purposes. Credit earned at other institutions while a student is on academic suspension from Austin Peay or any other institution may not be applied toward a degree from APSU or used for improving the grade-point average.

CARE Policy

CARE (Credentials Analysis and Re-Evaluation) Policy is one of two academic forgiveness policies. Enrolled students who have been out of college a minimum of two years may apply for consideration of the CARE Policy by petitioning the dean of the college in which they plan to major. A maximum of 18 semester hours 27 quarter hours of "D" and/or "F", along with the grades and credits of all other courses taken in no more than two consecutive semesters or terms taken at APSU or another institution prior to the separation, may be removed from the GPA calculation. If the number of "D" and/or "F" credits exceeds 18 over the two consecutive terms, the policy

will then be limited to all coursework in a single term. The course and grades will remain on the transcript, noted appropriately, and be removed from the GPA calculation. Students who earned an associate or baccalaureate degree cannot apply for consideration of the CARE Policy regarding credits earned prior to earning the degree. Students may apply for this at any time during the enrollment at APSU as long as they have not earned an associate or baccalaureate degree. The CARE Policy can only be granted once.

Fresh Start

Fresh Start Policy is the second of two academic forgiveness policies. Beginning with fall 1992, students who have been out of higher education a minimum of four years and return completing 15 semester hours credit (excludes remedial and developmental work) with a minimum GPA of 2.00 in all coursework at APSU may renew their academic records with penalty of prior failure. To be considered for this, eligible students must complete the Fresh Start Form with the Office of the Registrar, located in Ellington 316, during the first term of admissions or readmissions. Fresh Start calculates the GPA and credit hours toward graduation on coursework commencing with the credits taken following the absence. Students granted Fresh Start will forfeit all college credits and grades earned before the separation period. The courses and grades will remain on the transcript, noted appropriately, and be removed from the GPA calculation. Permission for Fresh Start will be granted only once. A student may utilize both the Fresh Start and CARE Policy, provided the separation from higher education is not the same time period.

Course Repeats

Students who are repeating courses with grades other than "A" or "B" must complete a Course Repeat form located on the Office of the Registrar website at www.apsu.edu/records. This form must be returned to the Office of the Registrar by the 14th day of classes.

Approval to repeat a course with a “B” or better must complete a Request to Repeat Course(s) with Previous Grade(s) of “B” or Better form located on the Office of the Registrar website under [Online Forms](#) at www.apsu.edu/records, and may only be granted by the Provost and Vice President for Academic and Student Affairs.

If a course taken at another school is repeated at APSU, the course at the other institution will be marked as a repeat. If the course transferred to APSU as an elective, the student must petition the chair of the department in

which the course is offered in order for the elective course to be marked as a repeat.

The last grade received in a repeated course will be used in the computation of the GPA. However, in cases where the course is attempted three times, including transfer work, the third and all future grades for the course will be included in the computation of the GPA. Repeating a course already passed will result in the last grade received and credits earned from the last grade. There are no exceptions to this policy.

University-Wide Degree Requirements

Candidates for the Baccalaureate Degree must...

1. Earn a minimum of 120 semester hours credit.
2. Earn 39 hours in courses numbered 3000-4999 or upper division elective (EU) transfer credits.
3. Earn at least 30 APSU semester hours credit and earn at least 24 hours credit during the junior or senior years.
4. Earn a cumulative GPA of 2.00 in all courses attempted at any regionally accredited college or university, for all courses completed at APSU, and for all courses used to satisfy the requirements of a major or concentration and a minor, if applicable.
5. Complete the TBR Common General Education Core courses. Any substitution of a core course is to be approved by the dean/director of the college/school in which the student's major is located. Courses in the general education core requirements should be completed by the end of the sophomore year.
6. Complete the First Year Experience Course (APSU 1000) during the first semester of enrollment if entering APSU with fewer than 12 credits earned in a regionally accredited college or university setting.
7. Complete the requirements of the major or concentration required by the school or department in which the major or concentration is located. Any substitution for a required course is to be approved by the chair of the department or director of the school and Dean of the College requiring the course in the major or minor.
8. Transfer no more than 24 semester hours credit earned at other institutions after the last term in residence. Exceptions: SOCAD-4; residency limit of 25 percent of total degree requirements that may be completed at any point in the baccalaureate degree (p.242); Preprofessional programs (p.233).
9. Complete the Departmental Exit Exam for the major the semester of graduation.
10. Complete Senior Exit Exam (ETS Academic Profile) the semester of graduation.
11. Apply no more than 60 hours of credit earned by testing and other non-traditional means toward a baccalaureate degree.

72 University-Wide Degree Requirements

Academic Guidelines for the Baccalaureate Degree

1. University Bulletin. A student may graduate under the requirements of the current University Bulletin during the initial enrollment or any Bulletin thereafter. The Bulletin that is current for a TBR community college transfer student is the current Bulletin at the time the student entered the community college rather than admission to APSU. A Bulletin is valid for six years from the date published, and students may complete degree requirements within six years under the initial Bulletin they entered APSU under or any Bulletin thereafter.
2. Students who have satisfactorily completed at least 24 weeks of intensive linguistic instruction, as recommended by ACE, may apply these credits to satisfy the Humanities - Foreign Language (III. B. 3 - 6 hours) core general education core requirement for the BA degree.
3. Fulfill degree requirement with no more than one-half non-traditional credits.
4. Transfer no more than 15 semester hours of credit earned at other institutions after the last semester of residence. Exception: SOCAD-2. (See page 241.)
5. Be admitted to APSU if transferring from other associate degree programs.
6. Maintain an overall minimum grade-point average of at least a "C" (2.00) average in all courses. For the Associate of Applied Sciences degree, the candidate must have at least a "C" (2.00) average in the required specialization.
7. Submit an application online for the associate degree through AP Self Service at <https://onestop.apsu.edu> by the published deadline.

Testing as a Degree Requirement

Unless otherwise provided for any individual program, no minimum score or level of achievement on senior assessments listed in the baccalaureate degree requirements is required for graduation. Participation in testing is a graduation requirement for all students, and a commitment to performing well is expected.

Candidates for the Associate Degree must:

1. Earn at least 15 APSU semester hours credit.
2. Earn at least 60 semester hours credit and follow the specific course requirements as given in the outlined Program of Study.

Common Bulletin Statement Regarding General Education

Effective Fall Semester 2004, each institution in the State University and Community College System of Tennessee (The Tennessee Board of Regents System) share a common lower division general education core curriculum of forty-one (41) semester hours for baccalaureate degrees and the Associate of Science degrees. Lower division means freshman and sophomore courses. The courses comprising the general education curriculum are contained within the following subject categories.

APSU Recommended Courses for the TBR General Education Core

- | | | |
|----|--|---------|
| I | Communications | 9 hours |
| A. | *ENGL 1010 - English Composition I (3) | |
| B. | *ENGL 1020 - English Composition II (3) | |
| C. | *COMM 1010 - Fundamentals of Public Speaking (3) | |
| II | History | 6 hours |
| | <i>Select any two courses listed below:</i> | |
| A. | HIST 2010 - American History I (3) | |
| B. | HIST 2020 - American History II (3) | |
| C. | HIST 2030 - History of Tennessee (3) | |

- III Humanities and/or Fine Arts15 hours
 - A. *ENGL 2030 - Traditions in World Literature (3)
 - B. **Foreign Language (6)
 - Select one course from two disciplines below:*
 - C. ART 1030 - Art Appreciation (3)
 - D. MUS 1030 - Music Appreciation (3)
 - E. MUS 2030 - World Music (3)
 - F. PHIL 1030 - Introduction to Philosophy (3)
 - G. PHIL 1040 - Introduction to Ethics (3)
 - H. PHIL 2200 - Religion and the World (3)
 - I. THEA 1030 - Introduction to Theatre (3)

- IV Mathematics3 hours
 - Select one course listed below:*
 - A. MATH 1010 - Mathematical Thought and Practice (3)
 - B. MATH 1110 - Algebraic Problem Solving (3)
 - C. MATH 1420 - Structure of Mathematical Systems (3)
 - D. MATH 1530 - Elements of Statistics (3)
 - E. MATH 1710 - College Algebra (3)
 - F. MATH 1730 - Pre-Calculus (4)
 - G. MATH 1810 - Elements of Calculus (3)
 - H. MATH 1910 - Calculus and Analytic Geometry (5)

- VI Natural Sciences8 hours
 - Select any two courses listed below:*
 - A. ASTR 1010 - Planetary Astronomy (4)
 - B. ASTR 1020 - Stellar Astronomy (4)
 - C. BIOL 1010 - Principles of Life (4)
 - D. BIOL 1020 - Diversity of Life (4)
 - E. BIOL 1040 - Human Biology (4)
 - F. BIOL 1110 - Principles of Biology (4)
 - G. BIOL 2010 - Human Anatomy and Physiology I (4)
 - H. BIOL 2020 - Human Anatomy and Physiology II (4)
 - I. CHEM 1010 - Chemistry, Society, and the Environment I (4)
 - J. CHEM 1020 - Chemistry, Society, and the Environment II (4)
 - K. CHEM 1110 - General Chemistry I (5)
 - L. CHEM 1120 - General Chemistry II (5)
 - M. CHEM/PHYS 1710 - Introduction to Chemistry & Physics (4)
 - N. GEOL 1040 - Physical Geology (4)
 - O. GEOL 1050 - Historical Geology (4)
 - P. PHYS 1010 - Understanding the Physical World I (4)
 - Q. PHYS 1020 - Understanding the Physical World II (4)
 - R. PHYS 2010 - College Physics I, (Algebra/Trigonometry-based) (5)
 - S. PHYS 2020 - College Physics II (Algebra/Trigonometry-based) (5)
 - T. PHYS 2110 - University Physics I (Calculus-based) (5)
 - U. PHYS 2120 - University Physics II (Calculus-based) (5)

- V Social & Behavioral Sciences6 hours
 - Select one course from any of two disciplines below:*
 - A. AAST 2200 - Introduction to African-American Studies (3)
 - B. COMM 2020 - Media, Society, and the Individual (3)
 - C. ECON 2010 - Principles of Macroeconomics (3)
 - D. GEOG 1010 - Physical Geography (3)

74 University-Wide Degree Requirements

- E. GEOG 1020 - Geography of the Developed World (3)
- F. GEOG 1030 - Geography of the Developing World (3)
- G. HHP 1250 - Wellness Concepts & Practices (3)
- H. HIST 1210 - World History I (3)
- I. HIST 1220 - World History II (3)
- J. POLS 2010 - American National Government (3)
- K. POLS 2040 - Introduction to Public Policy (3)
- L. POLS 2070 - International Politics (3)
- M. PSY 1010 - General Psychology (3)
- N. SOC 2010 - Introduction to Sociology (3)
- O. SOC 2050 - Social Problems (3)
- P. SOC 2500 - Cultural Anthropology (3)
- Q. WS 2050 - Introduction to Women's Studies (3)

* These courses are required of all students.

** Six hours of foreign language at the intermediate level are required for B.A. degree. Students who are not prepared to begin with the intermediate course should begin with the elementary level courses.

Academic Regulations for Degree Completion

1. Application for Degree and Commencement: Formal online application for the degree must be filed with the Office of the Registrar no later than the date published in the University Calendar. Applications for the degree will be accepted only from students who have earned a minimum cumulative 2.00 GPA. Candidates may participate in the commencement held at the end of the semester that the requirements for the degree are completed. The applicant's intent to participate in commencement must be submitted in writing to the Office of the Registrar when applying for the degree by the published deadline.
2. Degree Evaluation: A preliminary review of coursework at APSU and any evaluated transfer work in preparation for graduation is available to all students via AP Self Service at <https://onestop.apsu.edu>.
3. Records Complete: All grades of "Incomplete" must be removed, all evaluation of transfer of credits made, and all correspondence and extension courses finished by the end of the semester/term in which the candidate expects to receive the degree.
4. Earning a Second Major/Concentration Under Same Degree Earned at Austin Peay: A second undergraduate major to be received under the degree already awarded may be earned by meeting all of the requirements for that major/concentration as shown in the current edition of the Bulletin at the time of admission to the program. A memorandum from the appropriate department chair must be sent to the Office of the Registrar stating that all requirements for that major have been met. The second major will be added to the transcript; a second diploma will not be issued.
5. Earning Two Majors Under Different Degrees Simultaneously: Students who pursue double majors under different degree programs must comply with one of the following:
 - a. Before graduation, the student must complete a minimum of 150 hours of which 60 must be earned in courses numbered 3000 - 4999. Two degrees will be awarded.
 - b. The student may elect to change one major to a minor. One degree will be awarded.

Academic Regulations for Completing a Second Degree

Students who hold a bachelors degree from APSU or any other regionally accredited college or university may subsequently earn a second bachelors degree from APSU if the following requirements are met:

1. Hold an earned baccalaureate degree from a regionally accredited institution or the equivalent of a baccalaureate degree from a foreign university as certified by an educational credential agency, including the American History requirement as specified in the TBR General Education core;
2. Indicate second degree on the Application for *Admission Form* submitted online to the Admissions Office or *Change of Major/Minor Form* submitted online to the Office of the Registrar;
3. Submit all transcripts from previously attended regionally accredited institutions; coursework that applies to the second degree must be reviewed; majors with additional admission requirements may require a review of the entire transcript;
4. Academic Advising. After reviewing the Degree Evaluation online at <https://onestop.apsu.edu>, the student will arrange an appointment with an academic advisor in the department of the major;
5. Complete an additional 30 hours APSU credit; 24 of these hours must be earned in courses numbered 3000-4999;
6. Complete, without exception, the requirements for the major and minor appropriate to the new degree (this requirement may be met by the major and minor of the curriculum for the first degree if appropriate to the second degree);
7. Earn at least a 2.00 GPA on all coursework attempted in meeting the requirements for the second degree; and
8. Submit to the Office of the Registrar a *Major/Minor Substitution Form* for particular courses that have been approved by the academic department and contain appropriate signatures showing approval.

Requirements for Degrees in Absentia

A student may plan to complete three years of college coursework before transferring to a professional school, and be a candidate for the bachelor's degree after the successful completion of the first year's coursework in the professional school, provided:

1. The candidate completes the last two semesters as a full-time student in residence at APSU;
2. The candidate earns before transfer to the professional school sufficient credit to total 120 semester hours when combined with the credit earned during the first school year at the professional school;
3. Students needing clinical internship credit register on campus for a minimum of 15 hours of internship for those hospital programs generating 36 hours or less of credit applicable toward the degree in absentia (enrollment for these units shall be approved by the APSU clinical education coordinator);
4. The candidate achieves an overall GPA of "C" (2.00) on all courses attempted before transfer to the professional school;
5. The candidate's completed program of study at APSU includes (a) the General Education core requirements for a degree, in addition to (b) an approved major of not less than 18 semester hours and an approved minor, if required by the major, of not less than 12 semester hours, (c) not less than 24 semester hours earned in courses numbered 3000 or above, and (d) not less than 30 APSU semester hours credit;
6. The candidate has an overall GPA of "C" (2.00) on all courses attempted and submitted for meeting the requirements of 120 hours credit for the degree;
7. The professional school holds accreditation acceptable to APSU;
8. The student files an application for degree by the deadline as published in the University Calendar; and

76 University-Wide Degree Requirements

9. Should the professional school award a B.S. degree upon successful completion of the program, a student will not be eligible for a B.S. degree in absentia from APSU.

Programs of Study

The Tennessee Board of Regents has authorized the university to offer the following degrees, majors and professional programs:

Bachelor of Arts (B.A.)	Page	Computer Science and Information Systems (CSCI)	217
Art (ART)	81	Education Interdisciplinary Studies (EDUC)	175
Communication Arts (COMM)	90	English (ENGL)	110
English (ENGL)	110	Geosciences	221
Foreign Language	114	Health and Human Performance (HHP)	139
History (HIST)	102	History (HIST)	102
Music (MUS)	120	Mathematics (MATH)	227
Philosophy (PHIL)	105	Medical Technology (MTEC)	194
Political Science (POLS)	149	Music (MUS)	120
Psychology (PSY)	152	Philosophy (PHIL)	105
Spanish (SPAN)	117	Physics (PHYS)	231
Bachelor of Business Administration (B.B.A.)		Political Science (POLS)	149
General Business (GB)	161	Psychology (PSY)	152
Bachelor of Fine Arts (B.F.A.)		Radiologic Technology (RLTN)	195
Art (ART)	81	Social Work (SW)	154
Bachelor of Science (B.S.)		Sociology (SOC)	156
Agriculture (AGRI)	183	Special Education (SPED)	177
Biology (BIOL)	197	Bachelor of Science in Nursing (B.S.N.)	
Chemistry (CHEM)	202	Nursing (NURS)	136
Communication Arts (COMM)	90		

78 Programs of Study

Bachelor of Professional Studies (B.P.S.)

Professional Studies (B.P.S.) 423

Undergraduate Degrees APSU Center @ Fort Campbell (B.S. and B.P.S.)

Criminal Justice (CRJ) 437
Engineering Technology (ENGT) 424
Professional Studies (PTMA) 433
Public Management (PM) 436

Undergraduate Online Degrees at APSU

Computer Science and Information Systems, Concentration: Information Systems 217
Criminal Justice, Concentration: Homeland Security 437
Liberal Arts 422

Political Science with Legal Studies 150
Professional Studies (PTMA) 433
Registered Nurse to B.S.N. 138

Undergraduate Regents Online Degrees

Information Technology 223
Interdisciplinary Studies 223
Organizational Leadership 223

Accelerated Bachelor's Degree

Professional Studies 423

PreProfessional Programs

Agriculture Education 190
Dental Hygiene 211
Dentistry 212
Engineering 233
Food Technology 191
Forestry 182
Law 152
Medicine 213
Optometry 201
Pharmacy 215
Physical Therapy 201
Professional Health 202
Veterinary Medicine 187
Wildlife 193

College of Arts and Letters

Location: Harned Hall, 127
 Phone: 931-221-6445; Fax: 931-221-1024
 E-mail: webbd@apsu.edu
 Website: www.apsu.edu/coal/

The College of Arts and Letters includes the departments of Art, Communication and Theatre, History and Philosophy, Languages and Literature, and Music. The college also includes Programs in African American Studies, Honors, International Studies, Women's Studies, the African American Cultural Center and the Center for the Creative Arts. The academic departments and programs in the college are central to the arts mission of the University. We strive to promote critical thinking, creativity, communication skills, scholarships, and lifelong learning, as well as other educational goals. The college seeks to provide a broad multicultural foundation for diverse educational experiences.

DEPARTMENT	MAJOR	CONCENTRATIONS	TEACHER CREDENTIAL PREPARATION	DEGREE OFFERED	
Art	Art	Visual Communications		B.A.	
		Studio Art		B.A., B.F.A.	
		Art Education	Licensure 7-12	B.A.	
Communication & Theatre	Communication Arts	Mass Communication		B.A., B.S.	
		Public Relations		B.A., B.S.	
		Theatre		B.A., B.S.	
		Theatre Teaching	Licensure 7-12	B.A., B.S.	
History & Philosophy	History		Licensure 7-12	B.A., B.S.	
		Philosophy		Licensure 7-12	B.A., B.S.
Languages & Literature	English		Licensure 7-12	B.A., B.S.	
		Foreign Languages		Licensure 7-12	B.A.
		Spanish		Licensure 7-12	B.A.
Music	Music	Liberal Studies		B.A., B.S.	
		Music Education	Licensure 7-12	B.A., B.S.	
		Music Performance		B.A., B.S.	

African American Studies Minor

College of Arts and Letters

Location: Harned Hall, 220

Phone: 931-221-4487

AFRICAN AMERICAN STUDIES MINOR**Credit Hours
18**

The minor in African American Studies offers students an African-centered, Pan-Africanist, interdisciplinary course of study which enhances their majors. Minors can study abroad in Africa and receive practical skills in community-based work/volunteer assignments. In addition, students are encouraged to participate in the activities of the African American Cultural Center.

Required Courses**12**

The standard requirements for the African American Studies Minor

AAST 2200	Introduction to African American Studies	3
AAST 3020	Seminar in African American Studies	3
Electives	<i>Select two electives in African American Studies from either the Social Science or Humanities lists</i>	

Select one from:

ENGL 340G	African American Literature	3
HIST 3440	Africa to 1800	3
SOC 3020	African American Families	3

Select one in Humanities, Fine Arts, and Communications category OR one in Social Sciences category, plus must select one from Social Sciences category. 12 to 18 credits must be in AAST courses. See listings below.

Electives - Humanities, Fine Arts, Communications courses

AAST 2250	African American Expressive Culture	3
AAST 300ABC	Special Topics	3
AAST 3000	Africana Women Across Cultures	3
AAST 3100	Black Leaders of the 20th Century	3
ENGL 340H	African Writers	3
HIST 4650	African American History to 1890	3
HIST 4660	African American History Since 1890	3

Electives - Social Sciences courses

AAST 2000	Contemporary African American Life	3
AAST 3200	Study Abroad to Ghana West Africa	3
AAST 4100	Field Experience	3
AAST 4200	African Philosophy	3
GEOG 3750	Geography of the African World	3
POLS 3160	African Politics	3
POLS 4020	The Politics of Contemporary African American Thoughts and Movement	3
PSY 3230	African American Psychology	3
SOC 3050	Race Relations and Minority People	3

Department of Art (B.A., B.F.A.)

College of Arts and Letters

Location: Trahern, 208

Phone: 931-221-7333

Website: www.apsu.edu/art/

ART (B.A., B.F.A.)

Accreditations: All programs in the Department of Art are accredited by the National Association of Schools of Art and Design.

STUDIO ART CONCENTRATION, B.A.

The B.A. in Studio Art is the ideal degree for students interested in receiving a broad education in the Liberal Arts while gaining a training in the Fine Arts.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Foreign Language Requirement (see requirements for B.A. degree)	6
Lower Division Major Requirements	21
ART 1010 Two Dimensional Design	3
ART 1020 Three Dimensional Design	3
ART 1040 Drawing I	3
ART 1050 Drawing II	3
ART 1070 Electronic Imaging	3
ART 2010 Art History Survey I	3
ART 2020 Art History Survey II	3
Major Electives	21
<i>Select two courses in Art History:</i>	
ART 3200 Art History, United States	3
ART 3220 Modern Art, 19th and 20th Century	3
ART 3230 Contemporary Art	3
ART 3240 Art History, History of Photography	3
ART 324x Special Topics in Art History	3
ART 3270 History of Graphic Design	3
<i>Six courses in Studio Arts to be selected from the areas of Drawing, Painting, Photography, Printmaking, Pottery/Ceramics, or Sculpture:</i>	
ART 2030 Printmaking I	3
ART 2040 Painting I	3
ART 2050 Pottery, Ceramics I	3
ART 2070 Sculpture I	3
ART 2090 Photography I	3
ART 2320 Graphic Design I	3
ART 2520 Typography	3
ART 3080 Illustration I	3
ART 3110 Prepress Production	3
ART 3170 Advanced Digital Imaging	3

* Pending regulatory approval

82 College of Arts and Letters

ART 3340	Drawing III	3
ART 3370	Web Design	3
ART 3430	Printmaking II	3
ART 3440	Painting II	3
ART 3450	Ceramic Sculpture	3
ART 3530	Printmaking III	3
ART 3540	Drawing IV, Thematic Development Drawing	3
ART 3550	Glazes and Surface Design	3
ART 3560	Painting, Watercolor I	3
ART 3570	Sculpture II	3
ART 3590	Photography II	3
ART 3650	Pottery, Ceramics II	3
ART 3690	Digital Photography	3
ART 4040	Painting III	3
ART 4060	Painting, Watercolor II	3
ART 4070	Sculpture III	3
ART 4090	Problems in Art	3
ART 410x	Topics in Studio Art	3
ART 4120	Graphic Design II	3
ART 4150	Senior Seminar: Thesis I	3
ART 4190	Photography III	3
ART 4310	Art Internship	3

MINOR

18-27

A minor outside of art and art history is required.

*VISUAL COMMUNICATIONS CONCENTRATION, B.A.

The B.A. in Visual Communications is geared toward students interested in training in Graphic Design while seeking a minor in communications, business, or other commercial communication fields.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Foreign Language Requirement (see requirements for B.A. degree)	6
Lower Division Major Requirements	27
ART 1010 Two Dimensional Design	3
ART 1020 Three Dimensional Design	3
ART 1040 Drawing I	3
ART 1050 Drawing II	3
ART 1070 Electronic Imaging	3
ART 2010 Art History Survey I	3
ART 2020 Art History Survey II	3
ART 2090 Photography I	3
ART 2320 Graphic Design I	3
Upper Division Major Requirements	3
ART 3240 or 3270 History of Photography or History of Graphic Design	3

* Pending regulatory approval

Major Electives 12

Select one course in Art History:

ART 3200	Art History, United States	3
ART 3220	Modern Art, 19th and 20th Century	3
ART 3230	Contemporary Art	3
ART 3240	Art History, History of Photography	3
ART 324x	Special Topics in Art History	3

Three upper division courses to be selected from the areas of Graphic Design, Illustration, Photography, Printmaking, or Electronic Imaging:

ART 2030	Printmaking I	3
ART 3080	Illustration I	3
ART 3110	Prepress	3
ART 3170	Advanced Digital Imaging	3
ART 3370	Web Design	3
ART 3430	Printmaking II	3
ART 3530	Printmaking III	3
ART 3590	Photography II	3
ART 3690	Digital Photography	3
ART 4090	Problems in Art	3
ART 4080	Illustration II	3
ART 4085	Illustration III	3
ART 410x	Topics in Studio Art	3
ART 4120	Graphic Design II	3
ART 4125	Graphic Design III	3
ART 4150	Senior Thesis: Seminar I	3
ART 4190	Photography III	3
ART 4310	Art Internship	3

MINOR 18-27

A minor outside of art and art history is required.

ART EDUCATION, B.A.

The B.A. Art with an Education Concentration prepares students for a career teaching Art in elementary or secondary schools.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Foreign Language Requirement (see requirements for B.A. degree)	6

Lower Division Major Requirements 15

ART 1010	Two Dimensional Design	3
ART 1020	Three Dimensional Design	3
ART 1040	Drawing I	3
ART 2010	Art History Survey I	3
ART 2020	Art History Survey II	3

84 College of Arts and Letters

Upper Division Major Requirements **9**

ART 3140	Art Education I	3
ART 3150	Art Education II	3
ART 3160	Art Education III	3

Major Electives **21**

Select two courses in Art History:

ART 3200	Art History, United States	3
ART 3220	Modern Art, 19th and 20th Century	3
ART 3230	Contemporary Art	3
ART 3240	Art History, History of Photography	3
ART 324x	Special Topics in Art History	3
ART 3270	History of Graphic Design	3

Five courses in studio arts to be selected from the areas of Drawing, Painting, Photography, Printmaking, Pottery/Ceramics, or Sculpture:

ART 1050	Drawing II	3
ART 1070	Electronic Imaging	3
ART 2030	Printmaking I	3
ART 2040	Painting I	3
ART 2050	Pottery, Ceramics I	3
ART 2070	Sculpture I	3
ART 2090	Photography I	3
ART 2320	Graphic Design I	3
ART 3080	Illustration I	3
ART 3170	Advanced Digital Imaging	3
ART 3340	Drawing III	3
ART 3370	Web Design	3
ART 3430	Printmaking II	3
ART 3440	Painting II	3
ART 3450	Ceramic Sculpture	3
ART 3530	Printmaking III	3
ART 3540	Drawing IV, Thematic Development Drawing	3
ART 3550	Glazes and Surface Design	3
ART 3560	Painting, Watercolor I	3
ART 3570	Sculpture II	3
ART 3590	Photography II	3
ART 3650	Pottery, Ceramics II	3
ART 3690	Digital Photography	3
ART 4040	Painting III	3
ART 4060	Painting, Watercolor II	3
ART 4070	Sculpture III	3
ART 4090	Problems in Art	3
ART 410x	Topics in Studio Art	3
ART 4150	Senior Thesis: Seminar I	3
ART 4190	Photography III	3
ART 4310	Art Internship	3

PROFESSIONAL EDUCATION MINOR**20****Required for licensure in all endorsement areas:
K-6, 4-8, 7-12, and K-12**

Successful completion of this minor, successful completion of Clinical Practice (with seminar), and Tennessee-mandated licensure examinations leads to teaching licensure for grades K-6, 4-8, 5-8, 7-12, and K-12. Testing requirements, electronic portfolio development, and other prerequisites for provisional admission and full admission to Teacher Education will require consultation with an education advisor. For students not seeking licensure but a minor in Professional Education, contact the School of Education Director.

		Credit Hours
EDUC 2100	Foundations of Education	2
EDUC 3040	Instructional Technology	3
EDUC 3070	Instructional Strategies	3
EDUC 4080	Classroom Management	3
EDUC 4160	Teaching Diverse Students	3
EDUC 4270	Evaluation and Assessment	3
	(ART 3140 and 3150 substitutes for ART 4270)	
PSY 3130	Introduction to Educational Psychology	3
SPED 3000	Introduction to Special Education	3

***STUDIO ART CONCENTRATION, B.F.A.**

The Art major concentrations for the Bachelor of Fine Arts are for students seeking to prepare for art as a profession. Students will demonstrate proficiency in at least one studio concentration (drawing, painting, photography, pottery/ceramics, printmaking, or sculpture) through completion of the degree. A mid-career portfolio review is required of B.F.A. candidates as a prerequisite to Art 4150 and 4160.

Admission Requirements: Admission to the B.F.A. program is by application (generally at the end of sophomore year), providing the student has met the following requirements: 1. Completion of: ART 1010, 1020, 1040, 1050; 2010 or 2020; and two introductory studio courses from different areas; and 2. A minimum 3.0 GPA in Art courses.

		Credit Hours
General Education (see TBR Common Core)		41
University-Wide Freshman Seminar requirement		1
Lower Division Major Requirements		33
ART 1010	Two Dimensional Design	3
ART 1020	Three Dimensional Design	3
ART 1040	Drawing I	3
ART 1050	Drawing II	3
ART 1070	Electronic Imaging	3
ART 2010	Art History Survey I	3
ART 2020	Art History Survey II	3
<i>Four introductory studio courses to be selected from (each course must be selected from a different area):</i>		
ART 2030	Printmaking I	3

* Pending regulatory approval

86 College of Arts and Letters

ART 2040	Painting I	3
ART 2050	Pottery, Ceramics I	3
ART 2070	Sculpture I	3
ART 2090	Photography I	3
ART 3430	Printmaking II	3
ART 3450	Ceramic Sculpture	3
ART 3530	Printmaking III	3

Upper Division Major Requirements **6**

ART 4150	Senior Seminar/Thesis I	3
ART 4160	Senior Seminar/Thesis II	3

Major Electives **39**

Select two courses in Art History:

ART 3200	Art History, United States	3
ART 3220	Modern Art, 19th and 20th Century	3
ART 3230	Contemporary Art	3
ART 3240	Art History, History of Photography	3
ART 324x	Special Topics in Art History	3
ART 3270	History of Graphic Design	3

Eleven upper division studio courses to be selected from the areas of Drawing, Graphic Design, Painting, Photography, Printmaking, Pottery/Ceramics, or Sculpture to include a sequence of three courses in a given studio area. Courses used for this section may not be used for the introductory studio course requirement above.

ART 3170	Advanced Digital Imaging	3
ART 3340	Drawing III	3
ART 3370	Web Design	3
ART 3430	Printmaking II	3
ART 3440	Painting II	3
ART 3450	Ceramic Sculpture	3
ART 3530	Printmaking III	3
ART 3540	Drawing IV, Thematic Development Drawing	3
ART 3550	Glazes and Surface Design	3
ART 3560	Painting, Watercolor I	3
ART 3570	Sculpture II	3
ART 3590	Photography II	3
ART 3650	Pottery, Ceramics II	3
ART 3690	Digital Photography	3
ART 4040	Painting III	3
ART 4060	Painting, Watercolor II	3
ART 4070	Sculpture III	3
ART 4090	Problems in Art (may be repeated for 6 hours total credit)	3
ART 410x	Special Topics in Studio Art	3
ART 4190	Photography III	3
ART 4310	Internship	3

***VISUAL COMMUNICATIONS CONCENTRATION, B.F.A.**

The Art major concentrations for the Bachelor of Fine Arts are for students seeking to prepare for a career in graphic design or illustration. Students will select a focus in either graphic design or illustration and complete the appropriate coursework as outlined below. A mid-career portfolio review is required of B.F.A. candidates as a prerequisite to Art 4150 and 4160.

Admission Requirements: Admission to the B.F.A. program is by application (generally at the end of sophomore year), providing the student has met the following requirements: (1) Completion of: ART 1010, 1020, 1040, 1050, 2010 or 2020; and two introductory studio courses from different areas; and (2) A minimum 3.0 GPA in Art courses.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
<i>Students choosing GRAPHIC DESIGN as a focus:</i>	
Lower Division Major Requirements	36
ART 1010 Two Dimensional Design	3
ART 1020 Three Dimensional Design	3
ART 1040 Drawing I	3
ART 1050 Drawing II	3
ART 1070 Electronic Imaging	3
ART 2010 Art History Survey I	3
ART 2020 Art History Survey II	3
ART 2090 Photography I	3
ART 2320 Graphic Design I	3
ART 2520 Typography	3
<i>Two introductory studio courses to be selected from (each course must be selected from a different area):</i>	
ART 2030 Printmaking I	3
ART 2040 Painting I	3
ART 2050 Pottery, Ceramics I	3
ART 2070 Sculpture I	3
ART 3430 Printmaking II	3
ART 3450 Ceramic Sculpture	3
ART 3530 Printmaking III	3
Upper Division Major Requirements	21
ART 3080 Illustration I	3
ART 3110 Prepress	3
ART 3270 History of Graphic Design	3
ART 4120 Graphic Design II	3
ART 4125 Graphic Design III	3
ART 4150 Senior Seminar/Thesis I	3
ART 4160 Senior Seminar/Thesis II	3
Major Electives	21
<i>Select one course in Art History:</i>	
ART 3200 Art History, United States	3

* Pending regulatory approval

88 College of Arts and Letters

ART 3220	Modern Art, 19th and 20th Century	3
ART 3230	Contemporary Art	3
ART 3240	Art History, History of Photography	3
ART 324x	Special Topics in Art History	3

Select one from:

ART 3590	Photography II	3
ART 3690	Digital Photography	3

Select five courses:

ART 3170	Advanced Digital Imaging	3
ART 3370	Web Design	3
ART 3430	Printmaking II	3
ART 3560	Painting, Watercolor I	3
ART 4080	Illustration II	3
ART 4090	Problems in Art (may be repeated for 6 hours total credit)	3
ART 410x	Special Topics in Studio Art	3
ART 4190	Photography III	3
ART 4310	Internship	3

Students choosing ILLUSTRATION as a focus:

Lower Division Major Requirements 33

ART 1010	Two Dimensional Design	3
ART 1020	Three Dimensional Design	3
ART 1040	Drawing I	3
ART 1050	Drawing II	3
ART 1070	Electronic Imaging	3
ART 2010	Art History Survey I	3
ART 2020	Art History Survey II	3
ART 2090	Photography I	3
ART 2320	Graphic Design I	3

Two introductory studio courses to be selected from (each course must be selected from a different area):

ART 2030	Printmaking I	3
ART 2040	Painting I	3
ART 2050	Pottery, Ceramics I	3
ART 2070	Sculpture I	3
ART 3430	Printmaking II	3
ART 3450	Ceramic Sculpture	3
ART 3530	Printmaking III	3

Upper Division Major Requirements 18

ART 3080	Illustration I	3
ART 3270	History of Graphic Design	3
ART 4080	Illustration II	3
ART 4085	Illustration III	3
ART 4150	Senior Seminar/Thesis I	3
ART4160	Senior Seminar/Thesis II	3

Major Electives 27

Select one course in Art History:

ART 3200	Art History, United States	3
----------	----------------------------	---

ART 3220	Modern Art, 19th and 20th Century	3
ART 3230	Contemporary Art	3
ART 3240	Art History, History of Photography	3
ART 324x	Special Topics in Art History	3
<i>Eight courses to be selected from Drawing, Graphic Design, Painting, Photography, Pottery/Ceramics, Printmaking, and/or Sculpture:</i>		
ART 3110	Prepress	3
ART 3170	Advanced Digital Imaging	3
ART 3340	Drawing III	3
ART 3370	Web Design	3
ART 3430	Printmaking II	3
ART 3440	Painting II	3
ART 3450	Ceramic Sculpture	3
ART 3530	Printmaking III	3
ART 3540	Drawing IV	3
ART 3550	Glazes and Surfaces	3
ART 3560	Painting, Watercolor I	3
ART 3570	Sculpture II	3
ART 3590	Photography II	3
ART 3650	Pottery, Ceramics II	3
ART 3690	Digital Photography	3
ART 4040	Painting III	3
ART 4060	Painting, Watercolor II	3
ART 4070	Sculpture III	3
ART 4090	Problems in Art (may be repeated for 6 hours total credit)	3
ART 4120	Graphic Design II	3
ART 4125	Graphic Design III	3
ART 410x	Special Topics in Studio Art	3
ART 4190	Photography III	3
ART 4310	Internship	

STUDIO ART MINOR

1010, 1020, and 12 hours of approved ART electives.

ART HISTORY MINOR

1030, 2010, 2020, 3200, 3220, and select one from 3230, 3240, 324x, 3270.

PHOTOGRAPHY MINOR

2090, 3240, 3590, 4190, and six hours approved ART electives.

GRAPHIC DESIGN MINOR

1010, 1070, 2320, 3270, and six hours approved ART electives.

90 College of Arts and Letters

Department of Communication and Theatre (B.A., B.S.)

College of Arts and Letters

Location: Music and Mass Communication, 173

Phone: 931-221-7378

Website: <http://comm.apsu.edu/>

COMMUNICATION ARTS (B.A., B.S.)

Accreditations: The Public Relations Major is accredited by the Public Relations Society of America.

Three concentrations are available to students under the Communication Arts major. Students are offered a wide array of courses leading to successful careers in Broadcast Media, Corporate Communication, Information Specialist, Internet Technologies Specialist, Media Technologies, Print and Web Journalism, and Public Relations. All students majoring in the department must complete the following courses in the general education core: COMM 1010 and THEA 1030. A departmental capstone course, COMM 4010, Communication Theory, is required of all majors and minors. A minor is required for all majors in the department. The minor can be in the department or a minor from an outside department. A student cannot minor in Public Relations due to PRSA requirements.

MASS COMMUNICATIONS CONCENTRATION

Select a specialization from:

Broadcast Media Specialization

Graduates in broadcast media are prepared for careers in a variety of broadcast and related areas, including on-air performance, behind the scenes operations and directing, audio and video production, promotion and management.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Foreign Language Requirement (see requirements for B.A. degree)	6
Lower Division Major Requirements	10
COMM 1200 Introduction to Mass Communications	3
COMM 2000 News Reporting	3
COMM 2100 Broadcast Equipment Operation and Technology	3
COMM 2150 Broadcast Regulation and Practice	1
Upper Division Major Requirements	21
COMM 3350 Broadcast Announcing	3
COMM 3450 Broadcast News Writing	3
COMM 3550 Audio Production I	3
COMM 3760 Video Production I	3
COMM 4010 Communication Theory	3
COMM 4600 Media Ethics	3
COMM 4650 Mass Media Law	3

Major Electives **6**

Select six hours from:

COMM 309A	International Communication: Broadcast Media	3
COMM 4310	Documentary Production	4
COMM 4350	Broadcast Management	3
COMM 4550	Audio Production II	3
COMM 4760	Video Production II	3

MINOR **18-27**

The minor can be in the department or a minor from a department outside of the department.

***Corporate Communication Specialization**

Graduates in corporate communication are prepared for careers in advertising, marketing communications, public relations, media, and management.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Foreign Language Requirement (see requirements for B.A. degree)	6

Lower Division Major Requirements **6**

COMM 1200	Introduction to Mass Communications	3
COMM 2400	Writing for the Electronic Media	3

Upper Division Major Requirements **30**

COMM 3010	Integrated Corporate Communication	3
COMM 3100	Desktop Publishing	3
COMM 3320	Business and Professional Communication	3
COMM 3400	Mass Communication Research Methods	3
COMM 3800	Principles of Media Advertising	3
COMM 3910	Media Relations	3
COMM 4010	Communication Theory	3
COMM 4020	Communication in Organizations	3
COMM 4650	Mass Media Law	3
COMM 490ABC	Communication Internship	3

MINOR **18-27**

The minor can be in the department or a minor from a department outside of the department.

***Internet Technology Specialization**

Graduates in Internet Technology are prepared for careers in a variety of Internet related areas, including Web Promotions Specialist, E-Commerce Specialist, Multi-Media Producer, and Web Designer.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Foreign Language Requirement (see requirements for B.A. degree)	6

* Pending regulatory approval

92 College of Arts and Letters

Lower Division Major Requirements **6**

COMM 1200	Introduction to Mass Communications	3
COMM 2720	Introduction to the Internet	3

Upper Division Major Requirements **15**

COMM 3720	Authoring Web Pages	3
COMM 3730	Internet and Web Technology	3
COMM 4010	Communication Theory	3
COMM 4650	Mass Media Law	3
COMM 4730	Internet Content Management	3

Plus One of the Following Sequences **15**

1. Information Design

ART 1010	Two-Dimensional Design	3
ART 1070	Electronic Imaging	3
ART 2090	Photography I	3
COMM 4720	Multimedia Design	3

Choose One:

ART 2520	Typography	3
ART 3080	Illustration I	3

2. Electronic Commerce

COMM 2400	Writing for the Electronic Media	3
COMM 3010	Integrated Corporate Communications	3
COMM 3800	Principles of Media Advertising	3
GB 3010	e-Commerce Basics I	3
GB 3700	e-Commerce Shipping Cycles	3

3. Web Promotion and Publicity

COMM 2400	Writing for the Electronic Media	3
COMM 3010	Integrated Corporate Communications	3
COMM 3100	Desktop Publishing	3
COMM 3910	Media Relation	3
COMM 4720	Multimedia Design	3

4. Web Design Programming

CSCI 1005	Computer Hardware, Software and Programming Concepts	3
CSCI 1015	Introduction to Computer Programming	3
CSCI 3300	Introduction to Web Development	3
CSCI 4000	Advanced Web Development	3
COMM 4720	Multimedia Design	3

5. Web Network Administration

CSCI 1005	Computer Hardware, Software and Programming Concepts	3
CSCI 1015	Introduction to Computer Programming	3
CSCI 3700	Data Communication and Networking	3
CSCI 4400	Principles of Database Management	3
CSCI 4630	Web Server Administration	3

MINOR **18-27**

The minor can be in the department or a minor from a department outside of the department.

***PRINT AND WEB JOURNALISM CONCENTRATION**

Print and Web Journalism majors develop skills for careers at newspapers, book and magazine publications, as well as a variety of Web-related careers. NOTE: Students choosing this sequence must also take three hours from POLS 2010, 2040, or 2070 as part of their General Education Core.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Foreign Language Requirement (see requirements for B.A. degree)	6
Lower Division Major Requirements	6
COMM 1200 Introduction to Mass Communication	3
COMM 2000 News Reporting	3
Upper Division Major Requirements	27
COMM 300ABC Laboratory	3
COMM 3100 Desktop Publishing	3
COMM 3200 Copyediting	3
COMM 3400 Mass Communication Research Methods	3
COMM 3720 Authoring Web Pages	3
COMM 4010 Communication Theory	3
COMM 4150 Feature Writing	3
COMM 4600 Media Ethics	3
COMM 4650 Mass Media Law	3
Major Electives	3
<i>Select 3 hours from:</i>	
COMM 2920 Photojournalism	3
COMM 309C International Communication: Print and Web	3
COMM 4400 Politics and the Mass Media	3
COMM 470ABC Magazine Production	3
COMM 4720 Multimedia Design	3
COMM 480ABC Independent Study in Mass Communication	3
COMM 490ABC Communication Internship	3

MINOR 18-27

The minor can be in the department or a minor from a department outside of the department.

***Media Technologies Specialization**

Graduates in Media Technologies are prepared for careers in digital media, including new technologies such as digital cinema, Internet design and content, and acting/production utilizing these technologies.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Foreign Language Requirement (see requirements for B.A. degree)	6

* Pending regulatory approval

94 College of Arts and Letters

Lower Division Major Requirements 7

COMM 1200	Introduction to Mass Communication	3
COMM 2100	Broadcast Equipment Operation and Technology	3
COMM 2150	Broadcast Regulation and Practice	1

Upper Division Major Requirements 15

COMM 3720	Authoring Web Pages	3
COMM 3760	Video Production I	3
COMM 3950	Methods of Film Analysis	3
COMM 4010	Communication Theory	3
COMM 4650	Mass Media Law	3

Major Electives 15

Select 15 hours:

COMM 2400	Writing for the Electronic Media	3
COMM 309D	International Communication: Media Tech	3
COMM 3450	Broadcast News Writing	3
COMM 3600	Radio Theatre Workshop	3
COMM 3800	Principles of Media Advertising	3
COMM 3900	Motion Picture Production Workshop	4
COMM 4150	Feature Writing	3
COMM 4310	Documentary Production	4
COMM 4600	Media Ethics	3
COMM 4720	Multimedia Design	3
COMM 4960	Film Scriptwriting	3
COMM 4970	Television Scriptwriting	3
THEA 1300	Acting I	3
THEA 2300	Acting II	3
THEA 3350	Musical Theatre Workshop	3
THEA 335L	Musical Theatre Workshop Lab	1
THEA 3700	Scenic Design	3
THEA 4300	Lighting Design	3
THEA 4650	Direction and Performance for the Camera	3

MINOR 18-27

The minor can be in the department or a minor from a department outside of the department.

*Information Specialist Specialization

The Information Specialist specialization in Mass Communication is offered completely online, and is intended for students seeking information careers in the public or private sectors. Information careers include work for the U.S. Information Agency as information specialists and in the U.S. Military services as public affairs' officers. Tennessee and other state and municipal government information-based services such as tourism and economic development; and the promotion and publicity functions within nonprofit agencies, chambers of commerce, and general organizations are interested in the training provided by this specialization.

* Pending regulatory approval

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Foreign Language Requirement (see requirements for B.A. degree)	6

Lower Division Major Requirements	9
COMM 1200 Introduction to Mass Communication	3
COMM 1400 Introduction to Public Relations	3
COMM 2000 News Reporting	3

Upper Division Major Requirements	21
COMM 3010 Integrated Corporate Communication	3
COMM 3400 Mass Communications Research Methods	3
COMM 4010 Communication Theory	3
COMM 4150 Feature Writing	3
COMM 4410 or 4020 Conflict Resolution and Negotiation or Communicating in Organizations	3
COMM 4650 Mass Media Law	3
COMM 4910 Public Relations Campaigns	3

MINOR 18-27

The minor can be in the department or a minor from a department outside of the department. A student cannot minor in Public Relations due to PRSA requirements.

***Sports Broadcasting Specialization**

No minor is required for this specialization.

Required Courses

	Credit Hours
Required Courses	61
ART 1070 Electronic Imaging	3
COMM 1200 Introduction to Mass Communications	3
COMM 1500 Introduction to Sports Broadcasting	3
COMM 2100 Broadcasting Equipment Operation and Technology	3
COMM 2150 Broadcast Regulation and Practice	1
COMM 2200 Sports Interviewing	3
COMM 2400 Writing for the Electronic Media	3
COMM 2720 Introduction to the Internet	3
COMM 3210 Sports and Media	3
COMM 3350 Broadcast Announcing	3
COMM 3450 Broadcast News Writing	3
COMM 3550 Audio Production	3
COMM 3720 Authoring Web Pages	3
COMM 3760 Video Production	3
COMM 4010 Communication Theory	3
COMM 4120 Sports Marketing	3
COMM 426A, B Communication Practicum	1, 1
COMM 4110 Sports Broadcasting Workshop	4
COMM 4650 Media Law	3
COMM 490A Communication Internship	3
HHP 4040 Sports Psychology	3

*** Pending regulatory approval**

96 College of Arts and Letters

PUBLIC RELATIONS CONCENTRATION

Public Relations majors prepare for careers in agencies, corporations, political campaigns, and in a variety of organizational communication settings. Proposed program of study identifies an English writing minor.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Foreign Language Requirement (see requirements for B.A. degree)	6
Lower Division Major Requirements	9
COMM 1200 Introduction to Mass Communication	3
COMM 1400 Introduction to Public Relations	3
COMM 2000 News Reporting	3
Upper Division Major Requirements	28
COMM 3100 Desktop Publishing	3
COMM 3400 Mass Communication Research Methods	3
COMM 3450 Broadcast News Writing	3
COMM 3910 Media Relations	3
COMM 4010 Communication Theory	3
COMM 426ABC Communication Practicum	1
COMM 4650 Mass Media Law	3
COMM 4810 Public Relations Strategies	3
COMM 4910 Public Relations Campaign	3
COMM 490A Communication Internship	3

MINOR 18-27

The minor can be in the department or a minor from a department outside of the department.

COMMUNICATION ARTS MINOR 21

Communication Arts minor requires a minimum of 21 hours in Communication, with no more than 9 hours at the 1000-2000 level. Those students who are also majoring in Communication cannot use any hours required in their concentration or area of specialization to meet the requirements for the minor.

JOURNALISM MINOR 24

Lower Division Requirements 6

COMM 1200 Introduction to Mass Communication	3
COMM 2000 News Reporting	3

Upper Division Requirements 9

COMM 3200 Copyediting	3
COMM 4150 Feature Writing	3
COMM 4650 Media Law	3

Upper Division Electives 9

Any upper division hours in the Department of Communication and Theatre	
ART 3140 Art Education I	3
LING 4040 Structure and Dialect of American English	3

POPULAR CULTURE MINOR

18

Required Courses

COMM 1600	Introduction to Popular Culture	3
COMM 2020	Media, Society and the Individual	3
COMM 4980	Television Criticism	3
<i>Select three (3) from</i>		
ART 3240	History of Photography	3
COMM 4300	Topics in Popular Culture	3
COMM 4470	Race, Gender and the Mass Media	3
ENGL 340J	Shakespeare on Film	3
ENGL 340R	Century's End: Race and Gender at the Turn of 20th Century	3
THEA 4700	Topics in Women's Theatre	3
WS 3070	Women and Film	3
WS 3060	Vagina Monologues	3

WEATHER BROADCASTING MINOR

27

Required Courses

COMM 2100	Broadcasting Equipement Operation and Technology	3
COMM 2150	Broadcasting Regulation and Practice - Online	1
COMM 3350	Broadcast Announcing	3
COMM 3620	Weather Broadcasting	3
COMM 3810	Live Studio Production	3
GEOG 1010	Physical Geography	3
GEOG 3939	Natural Hazards in the Environment	3
GEOG 4170	Meteorology	3
GEOG 4180	Climatology	3

COMMUNICATION ARTS (B.A., B.S.)

THEATRE CONCENTRATION

College of Arts and Letters

(within the Department of Communication and Theatre)

Location: Trahern Building, 208

Phone: 931-221-6767

Website: http://www.apsu.edu/theatre_dance/

Three specializations are available to students under the Theatre Concentration for Theatre and Dance. Students are offered a wide array of courses leading to successful careers in Technical Theatre, Theatre Performance and Theatre Education. All students majoring in the department must complete the following courses in the general education core: COMM 1200 and THEA 1030. A departmental capstone course, COMM 4010, Communication Theory, is required of all majors. A minor is required for all majors in the department. The minor can be in the department or a minor from a department outside of the department. We do offer a Minor in Dance. The requirements are listed below.

98 College of Arts and Letters

*Theatre Design Specialization

Graduates in Theatre Design are well prepared to continue on to Graduate School in Design or to enter the professional world of Technical Theatre. The area of Technical Theatre is hands-on, and there are plenty of opportunities to design for our main-stage season.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Foreign Language Requirement (see requirements for B.A. degree)	6
Lower Division Major Requirements	12
COMM 1200 Introduction to Mass Communications	3
THEA 1300 Acting I	3
THEA 1600 Stagecraft I	3
THEA 1610 Stagecraft II	3
Upper Division Major Requirements	12
THEA 3010 Chronicles and Concepts I	3
THEA 3020 Chronicles and Concepts II	3
THEA 3700 Scenic Design	3
COMM 4010 Communication Theory	3
Major Electives	9
<i>Select nine (9) hours from:</i>	
THEA 3080 International Studies in Theatre I	3
THEA 3090 International Studies in Theatre II	3
THEA 3400 Directing	3
THEA380 A-H Theatre Design Practicum	2 (each)
THEA 3890 Costume Design	3
THEA 4000 Makeup Design	3
THEA 4300 Lighting Design	3
THEA 4400 Advanced Scenography	3
THEA 4500 Business of Theatre	3
THEA 460A-H Special Topics in Technical Theatre	3
THEA 4950 Advanced Playwriting	3
COMM 4960 Film Scriptwriting	3

*Theatre Performance Specialization

Graduates in Theatre Performance are prepared for careers in Acting or Directing. Students are also prepared to either enter a graduate program in these areas or work professionally in these areas.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Foreign Language Requirement (see requirements for B.A. degree)	6

* Pending regulatory approval

Lower Division Major Requirements 9

COMM 1200	Introduction to Mass Communications	3
THEA 1300	Acting I	3
THEA 1600	Stagecraft I	3

Upper Division Major Requirements 12

THEA 3010	Chronicles and Concepts I	3
THEA 3020	Chronicles and Concepts II	3
THEA 3400	Directing	3
COMM 4010	Communication Theory	3

Major Electives 12

Select twelve (12) hours from:

THEA 2300	Acting II	3
THEA 3080	International Studies in Theatre	3
THEA 3090	International Studies in Theatre II	3
THEA 3250	Dance for Musical Theatre	3
THEA 3350	Musical Theatre Workshop	3
THEA 335L	Musical Theatre Workshop Lab	1
THEA 3300	Acting III	3
THEA 3450	Creative Drama for Children	3
THEA 388A-D	Performance Practicum	2 (each)
THEA 4500	The Business of Theatre	3
THEA 4900	Playwriting	3
THEA4950	Advanced Playwriting	3
COMM4960	Film Scriptwriting	3

THEATRE TEACHING CONCENTRATION

Students seeking licensure must complete the Professional Education minor. Student teaching is required.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Foreign Language Requirement (see requirements for B.A. degree)	6

Lower Division Major Requirements 9

COMM 1200	Introduction to Mass Communications	3
THEA 1300	Acting I	3
THEA 1600	Stagecraft I	3

Upper Division Major Requirements 18

THEA 3010	Chronicles and Concepts I	3
THEA 3020	Chronicles and Concepts II	3
THEA 3400	Directing	3
THEA 3450	Creative Drama for Children	3
THEA 3700	Scenic Design	3
COMM4010	Communication Theory	3

100 College of Arts and Letters

Major Electives 9

Select nine (9) hours from:

COMM 3600	Radio Theatre Workshop	3
COMM 4960	Film Scriptwriting	3
THEA 1610	Stagecraft II	3
THEA 2300	Acting II	3
THEA 3080	International Studies in Theatre	3
THEA 3090	International Studies in Theatre IIs	3
THEA 3250	Dance for Musical Theatre	3
THEA 3350	Musical Theatre Workshop	3
THEA 335L	Musical Theatre Workshop Lab	1
THEA 380A-H	Performance Practicum	2 (each)
THEA 388A-D	Theatre Design Practicum	2 (each)
THEA 3890	Costume Design	3
THEA 4000	Makeup Design	3
THEA 4300	Lighting Design	3
THEA 4650	Directing and Performance for the Camera	3
THEA 4900	Playwriting	3
THEA 4950	Advanced Playwriting	3

Credit Hours
21

THEATRE MINOR

Requirements: Advisor approved course of study with a Minimum of 12 upper division hours in a single concentration.

Required Courses for a Minor in Theatre

THEA 1030	Introduction to Theatre	3
THEA 4500	Business of Theatre	3

Minor Electives

Select fifteen (15) hours from:

THEA 1300	Acting I	3
THEA 1301	Beginning Acting for Non-Majors	3
THEA 1500	Voice for the Actor	3
THEA 1600	Stagecraft I	3
THEA 1610	Stagecraft II	3
THEA 2000	American Theatre	3
THEA 2010	Oral Interpretation of Literature	3
THEA 2300	Acting II	3
THEA 2350	Stage Movement	3
THEA 3010	Theatre: Chronicle and Concept I	3
THEA 3020	Theatre: Chronicle and Concept II	3
THEA 303A, B	Summer: Theatre	3 each
THEA 3080	International Studies in Theatre I	3
THEA 3090	International Studies in Theatre II	3
THEA 3300	Acting III	3
THEA 3330	Musical Theatre History	3
THEA 3350	Musical Theatre Workshop	3
THEA 335L	Musical Theatre Workshop Lab	1
THEA 3400	Directing	3

THEA 3450	Creative Drama for Children	3
THEA 3500	Stage Dialects	3
THEA 3700	Scenic Design	3
THEA 380A-H	Stagecraft Practicum	2 each
THEA 388A-H	Performance Practicum	2 each
THEA 3890	Costume Design	3
THEA 4000	Makeup Design	3
THEA 420A, B, C	Independent Research	1 each
THEA 4300	Lighting Design	3
THEA 4400	Advanced Scenography	3
THEA 4500	The Business of Theatre	3
THEA 4550	Roy Acuff Chair Seminar	3
THEA 460A, B	Special Topics in Technical Theatre	3
THEA 4650	Direction and Performance for the Camera	3
THEA 4700	Topics in Women's Theatre	3
THEA 4800	Theatre Practicum	3
THEA 4900	Playwriting	3
THEA 4950	Advanced Playwriting	3

**Credit Hours
21**

DANCE MINOR

Requirements: Advisor approved course of study.

Required Courses for a Minor in Dance

THEA 1030	Introduction to Theatre	3
THEA 4500	Business of Theatre	3

Minor Electives

Select fifteen (15) hours from:

DANC 1035	Introduction of Dance	3
DANC 1350	Ballet I	3
DANC 1450	Modern Dance I	3
DANC 1500	Jazz Dance	3
DANC 2350	Ballet II	3
DANC 2450	Modern II	3
DANC 3040	History and Philosophy of Dance	3
DANC 3400	Dance Composition	3
DANC 3450	Advance Dance Techniques	3
DANC 385A-H	Dance Practicum	2 (each)
DANC 3880	Costuming for Dance	3
DANC 460A-F	Special Topics in Dance	3 (each)
DANC 4700	Analysis and Criticism	3

Department of History and Philosophy

College of Arts and Letters

Location: Harned Hall, 340
 Phone: 931-221-7919
 Website: www.apsu.edu/history/

HISTORY (B.A., B.S.)

The program for history majors is designed to prepare students to think critically, communicate effectively, live responsibly, and prosper as citizens in a global society. Toward these goals, the department seeks to impart to all students an understanding of our nation's history in the context of world history.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Specific General Education Requirements	6
HIST 2010 American History I	3
HIST 2020 American History II	3
Lower Division Major Requirements	6
HIST 1210 World History I	3
HIST 1220 World History II	3
Upper Division Major Requirements	21
<i>Course choices listed below titled Upper Division Courses</i>	
U. S. History	6
Non-U.S. History	6
Upper Division Elective, excluding HIST 4410 and 4950	6
<i>Select one of the following:</i>	
HIST 4900 Topics in History	3
HIST 4910 History Study Abroad	3-6
HIST 4920 Oral History	3-6
HIST 4930 Historiography Credit	3
HIST 4940 Public History	3-6

A minor is required with this major.

HISTORY (B.A., B.S.) WITH LICENSURE

TEACHER LICENSURE

This major must be distributed over at least two fields with emphasis on history and one from political science, economics, or geography.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1

College of Arts and Letters 103

Specific General Education Requirements **9**

HIST 2010	American History I	3
HIST 2020	American History II	3
POLS 2010	American National Government	3

Lower Division Major Requirements **6**

HIST 1210	World History I	3
HIST 1220	World History II	3

Social Studies Core **9**

ECON 2010	Principles of Macroeconomics	3
GEOG 1020	Geography of Europe, the Americas, and Australia	3
GEOG 1030	Geography of Africa, Asia, and Oceania	3

Upper Division Major Requirements **27**

Course choices listed below titled Upper Division Courses

U. S. History		9
Non-U.S. History		9
*HIST 4410	Teaching History in the Middle School	3
*HIST 4950	Teaching Social Studies in the Secondary Schools	3

Credit Hours **35**

PROFESSIONAL EDUCATION MINOR

EDUC 2100	Foundations of Education	2
EDUC 3040	Instructional Technology	3
EDUC 3070	Instructional Strategies	3
*EDUC 4080	Classroom Organization and Management	3
EDUC 4160	Teaching Diverse Students	3
*EDUC 4270	Classroom Evaluation and Assessment	3
PSY 3130	Introduction to Educational Psychology	3
SPED 3000	Introduction to Special Education	3
***EDUC 4710	Student Teaching: Grades 9-12	5
***EDUC 4610	Student Teaching: Grades 7-8	5
***EDUC 4950	Teaching Seminar	2

* Requires Milestone II completion

** Praxis II required testing: test code 524 – Principles of Learning and Teaching 7-12 (minimum score 159), and test code 941 – World and U.S. History (minimum score 136). Also must complete the required test in the area of emphasis completed for this endorsement.

*** Requires Milestone III completion

Select at least one field of emphasis for licensure:

Political Science **6**

POLS 2040	Introduction to Public Policy	3
-----------	-------------------------------	---

Select one from the following:

POLS 2070	International Politics	3
POLS 3120	European Politics	3
POLS 3140	Latin American Politics	3

104 College of Arts and Letters

Economics (6)

ECON 2020	Principles of Microeconomics	3
ECON 3210	Money and Banking	3

Geography (6)

GEOG 3110	Geography of the United States and Canada	3
GEOG 3150	Geographic Information Systems I (three hours lecture, two hours laboratory)	4

GEOG 1050 and Lab should be taken as part of General Education requirements. This option will require an additional hour to complete the degree.

Students may obtain additional endorsements with a minimum of 9 hours in approved courses; to include the fields of psychology and sociology.

HISTORY MINOR

**Credit Hours
21**

HIST 1210	World History I	3
HIST 1220	World History II	3
HIST 2010	American History I	3
HIST 2020	American History II	3

With the remaining nine (9) hours elected from upper division courses, excluding 4410 and 4950. Course choices are listed below titled Upper Division Courses.

Upper Division Courses

U. S. History Courses

HIST 4500	The Colonial Era in America, 1607-1763	3
HIST 4510	Era of the American Revolution, 1763-1800	3
HIST 4520	The Early Republic, 1800-1845	3
HIST 4530	The Civil War Era in America, 1845-1865	3
HIST 4540	Gilded Age America, 1865-1900	3
HIST 4570	United States, 1900-1929	3
HIST 4580	United States, 1929-1960	3
HIST 4590	United States, 1960-1989	3
HIST 4620	The South to 1861	3
HIST 4630	The South Since 1861	3
HIST 4650	African American History to 1890	3
HIST 4660	African American History Since 1890	3
HIST 4670	Women in American History	3
HIST 4700	American Military History to 1919	3
HIST 4710	American Military History Since 1919	3
HIST 4730	U.S. Foreign Relations Since 1890	3
HIST 4750	American Economic History	3
HIST 4760	Native American History	3
HIST 4770	History of the American West: Comparative American Frontiers	3
HIST 4780	History of the American West: Trans-Mississippi West	3

Non U.S. History Courses

HIST 3300	Ancient Greece	3
HIST 3310	Ancient Rome	3

HIST 3320	The Middle Ages After 700	3
HIST 3330	Renaissance and Reformation	3
HIST 3340	Absolutism and the Enlightenment	3
HIST 3350	Modern Europe, 1789-1919	3
HIST 3360	Modern Europe, 1919-present	3
HIST 3370	European Military History, 1789-1945	3
HIST 3380	Medieval England	3
HIST 3390	Britain Since 1714	3
HIST 3410	Modern Germany	3
HIST 3440	Africa to 1800	3
HIST 3450	Africa Since 1800	3
HIST 3460	Colonial Latin America	3
HIST 3470	Modern Latin America	3
HIST 3480	The Early Middle Ages	3
HIST 3520	A History of Modern China	3
HIST 3620	Modern Japan	3
HIST 3760	History of the Middle East	3
HIST 3820	Modern Korea	3
HIST 4800	Studies in Liberal Arts	3
HIST 4900	Topics in History	3
HIST 4910	History Abroad	3
HIST 4920	Oral History	3-6
HIST 4930	Historiography Credit	3
HIST 4940	Public History	3

PHILOSOPHY, B.A., B.S.

The Philosophy major consists of four options: the Philosophy major, and minors in Philosophical Studies, Religious Studies, and Ethical Studies. The philosophy curriculum is designed to encourage students to think critically and creatively about human existence and the nature of reality. It emphasizes (1) training in critical reasoning and logical analysis; (2) an understanding of the many methods of human inquiry; (3) a survey of the history of philosophy and the history of ethics; (4) the analysis and appreciation of values and their application to moral and political issues; (5) a reflective and tolerant exploration of religion; and (6) the growth of a personal philosophy based on the lifelong search for and appreciation of truth, knowledge, goodness, and beauty.

PHILOSOPHY MAJOR

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Logic and Epistemology Requirement	6
Required Courses:	
PHIL 3900 Informal Categorical and Propositional Logic	3
PHIL 4910 Epistemology	3
History of Philosophy Requirement	9
<i>Select three from:</i>	
PHIL 3100 Ancient Philosophy	3

106 College of Arts and Letters

PHIL 3110	Medieval Philosophy	3
PHIL 3120	Modern (15th - 18th Century) Philosophy	3
PHIL 3130	19th and 20th Century Philosophy	3

Value Theory Requirement **6**

Select two from:

PHIL 3040	History of Ethics	3
PHIL 4100	Social-Political Philosophy	3
PHIL 4720	Ethical Theory	3

Electives **9**

Select three from any remaining Philosophy courses other than PHIL 1030, 1040, 2200

ASIAN STUDIES MINOR

College of Arts and Letters

College of Professional Programs and Social Sciences

College of Science and Mathematics

Location: Harned Hall, 340

Phone: 931-221-7920

Asian Studies is an interdisciplinary minor designed to meet the needs of students interested in Asian geography, history, and culture. It is hosted by the department of History and Philosophy and supported by the departments of Art, Geosciences, Languages and Literature, and Political Science.

The students must complete 18 hours from the following:

		Credit Hours
<i>Select six from:</i>		18
ART 324x	Art History, Special Topics: Asia	3
GEOG 3130	Geography of the Middle East	3
GEOG 450C	Special Problems in Regional Geography: Asia	3
HIST 1500	East Asia through the Ages	3
HIST 3520	History of Modern China	3
HIST 3620	Modern Japan	3
HIST 3760	Modern Middle Eastern History	3
HIST 3820	History of Modern Korea	3
HIST 4900	Samurai Traditions	3
JAPN 1010	Elementary Japanese I	4
JAPN 1020	Elementary Japanese II	4
JAPN 2010	Intermediate Japanese I	3
JAPN 2020	Intermediate Japanese II	3
MUS 2030	World Music	3
MUS 4460	Music of Many Cultures	3
PHIL 2200	Religion and the World or	3
PHIL 380A	Comparative World Religions	3
POLS 3010	Comparative Politics	3
POLS 451A	Selected Topics in Political Science: Southeast Asia	3

ETHICAL STUDIES MINOR

**Credit Hours
18**

Theory Requirement

Select three from:

PHIL 3040	History of Ethics	3
PHIL 3050	Religious Ethics	3
PHIL 4100	Social-Political Philosophy	3
PHIL 4720	Ethical Theory	3

Applied Ethics Requirement

Select two from:

PHIL 2300	Medical Ethics	3
PHIL 2310	Environmental Ethics	3
PHIL 2400	Business Ethics	3
PHIL 2410	Educational Ethics	3
PHIL 4015	War and Ethics	3

Elective

3

One additional philosophy course, excluding PHIL 1030, 1040, and 2200

PHILOSOPHICAL STUDIES MINOR

**Credit Hours
18**

Required Course:

PHIL 3900	Informal, Categorical and Propositional Logic	3
-----------	---	---

History of Philosophy Requirement

Select two from:

PHIL 3100	Ancient Philosophy	3
PHIL 3110	Medieval Philosophy	3
PHIL 3120	Modern (15th - 18th Century) Philosophy	3
PHIL 3130	19th and 20th Century Philosophy	3

Value Theory Requirement

Select two from:

PHIL 3040	History of Ethics	3
PHIL 4100	Social-Political Philosophy	3
PHIL 4720	Ethical Theory	3

Elective

3

One from any remaining Philosophy course other than PHIL 1030, 1040, or 2200

RELIGIOUS STUDIES MINOR

**Credit Hours
18**

Select four from:

PHIL 2200	Religion and the World	3
PHIL 380A	Comparative World Religion	3
PHIL 380B	Islam as a Worldview	3
PHIL 380C	The Battle for God	3
PHIL 3050	Religious Ethics	3
PHIL 3110	Medieval Philosophy	3
PHIL 4500	Philosophy of Religion	3

108 College of Arts and Letters

Select two from:

GREK 1010, 1020	Beginning Greek	3 each
GREK 3310	Greek Myths	3
GREK 3410	Greek Religion	3
LATN 3410	Roman Religion	3
SOC 3400	Sociology of Religion	3
ENGL 340D	Mythology and Folklore	3
PHIL course	Any philosophy course listed above but not used to satisfy the four course requirements.	

LATIN AMERICAN STUDIES MINOR

College of Arts and Letters

College of Social Sciences and Professional Programs

Latin American Studies is an interdisciplinary minor designed to meet the needs of students interested in Latin American history and culture. It is hosted by the departments of History and Philosophy, Languages and Literature, and Political Science.

Credit Hours

Required Courses

		12
HIST 3460	Colonial Latin America	3
HIST 3470	Modern Latin America	3
POLS 3140	Latin American Politics	3
POLS 451A	Selected Topics with Latin American focus	3

Select two courses from:

		6
ART 324x	Art History, Special Topics with Latin American focus	3
GEOG 1020	Geography of Europe, the Americas, and Australia	3
HIST 4910	History Abroad in Mexico or Mesoamerica	3
SPAN 304A	Study Abroad in Mexico	3-8
SPAN 3610	Spanish-American Civilization I*	3
SPAN 3620	Spanish-American Civilization II*	3
SPAN 3400	Special Topics: Language, with Latin American focus*	3

*Prerequisite SPAN 2010 and 2020 or third-year proficiency in Spanish.

Honors Program

College of Arts and Letters

Location: Harned Hall, 215
Phone: 931-221-7119 or 7891
E-mail: honors@apsu.edu

The Honors Program is designed to challenge students and provide opportunities for creative exploration and intellectual development. The program allows motivated students to fulfill fifteen (15) hours of core requirements in a more challenging, interdisciplinary envi-

ronment. The Honors Program also offers a four-year program option for students who wish to continue in the program in their junior and senior years. Special provision is made each semester for strong students to individualize their studies. The program further welcomes qualified transfer students who are provided personalized programs.

Furthermore, students will receive the designation of Honors Scholar upon graduation. The Four-Year Honors Program, or those transferring into the Honors Program from other schools, will develop enrichment activities designed by their major departments and the Honors Director during their junior and senior years. All Four-Year Honors students' plans must be approved by the Honors Program. All Four-Year Honors students will be expected to participate in the yearly honors symposium. Upon completion of the Four-Year Honors Program, students will graduate as Honors Program Scholars with special distinction and will be so recognized on all official University transcripts and at their graduation.

The Honors Program is compatible with departmental majors and with other special programs such as the President's Emerging Leaders Program. Special arrangements may be made with academic departments to provide Honors credit for advanced courses offered in those departments. For information about specific Honors Courses and to apply for the Honors Program, contact the Director of the Honors Program or the department for more information.

Requirements for Honors Program:

1. The student should rank in the top ten percent of his/her high-school class;
2. The student must have a minimum ACT Composite Score of 26; and
3. The student must have a commendable high-school record.

*Total record and background, as well as special achievements, are considered upon application.

*APSU grants a limited number of Honors Scholarships. For information, see the APSU website, www.apsu.edu/scholarships.

*Honors students may also apply for residence in the Harvill Honors Residence Hall.

Requirements for those accepted into Honors Program:

*Student successfully completes fifteen (15) hours of credit in the Honors Program. (Student receives an Honors Certificate and notation on official transcript.)

HONORS COURSES

Honors core courses are designated with "H" in the course schedule. Upper division courses are arranged by each department in consultation with the Honors Director.

Department of Languages and Literature

College of Arts and Letters

Location: Harned Hall, 115

Phone: (931) 221-7891

Website: www.apsu.edu/langlit/

The Department of Languages and Literature offers majors in English and Foreign Language (with ten specializations); minors in Classical Civilization, Classical Languages, Creative Writing, English, English Writing, Professional Writing, French, German, Greek, Latin, and Spanish; and courses in Linguistics, English as a Second Language (ESL), and

110 College of Arts and Letters

Japanese.

English majors and minors who transfer from other colleges and universities must meet minimum requirements for hours of coursework earned at APSU, as follows:

*English majors: nine (9) hours of upper division coursework in English

*English minors: six (6) hours of upper division coursework in English

Teacher Licensure, Grades 7-12: The teaching major is open only to those preparing to teach at the secondary level. Students should plan their coursework in consultation with a faculty advisor assigned by the department.

ENGLISH (B.A., B.S.)

The English major, leading to the B.A. or B.S. degrees, provides the foundation for a variety of careers. In addition to training students for positions that call primarily for language skills, the English major is a fine preparation for any work where the ability to think independently and creatively is valued.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Lower Division Major Requirements	3
ENGL 1100 Technical and Report Writing	3
Upper Division Major Requirements	33
ENGL 3010 Studies in American Literature I	3
ENGL 3020 Studies in American Literature II	3
ENGL 3100 Studies in British Literature I	3
ENGL 3130 Studies in British Literature II	3
ENGL 3150 Shakespeare	3
<i>Select one:</i>	
ENGL 3200 Expository Writing	3
ENGL 3210 Writing Fiction	3
ENGL 3220 Writing Poetry	3
ENGL 3500 Advanced Technical Writing	3
ENGL 3510 Technical Report Writing	3
ENGL 3600 Professional Writing and Editing	3
ENGL 3700 Business Writing	3
ENGL 4200 Writing Workshop: Creative Nonfiction	3
<i>Select one:</i>	
LING 4010 History and Etymology of English	3
LING 4020 History of American English	3
LING 4040 Structure and Dialects of American English	3
LING 4050 English Grammar and Usage	3
LING 4060 Survey of Early Germanic Languages	3

Select four (4) upper division English courses approved by the department. At least three of the four electives must be 3000 or 4000 level literature courses excluding ENGL 3310, 3320, 3420, and 4400.

At least one must be a multicultural or diversity literature course:

ENGL 340D	Mythology and Folklore	3
ENGL 340F	Women Writers: Topics in Women's Literature	3
ENGL 340G	Critical Studies in African American Literature	3
ENGL 340H	African Writers	3
ENGL 340M	U.S. Latino/a Literature	3
ENGL 340N	Gay and Lesbian Literature	3
ENGL 340P	Topics in World Literature	3
ENGL 340R	Century's End: Race and Gender at the Turn of the 20th Century	3
ENGL 340W	Critical Studies in Women's Literature	3

Major Electives

ENGL 3200	Expository Writing	3
ENGL 3210	Writing Fiction	3
ENGL 3220	Writing Poetry	3
ENGL 340B	Literature of the American West	3
ENGL 340C	Modern Southern Fiction	3
ENGL 340D	Mythology and Folklore	3
ENGL 340E	Russian Literature	3
ENGL 340F	Women Writers: Topics in Women's Literature	3
ENGL 340G	Critical Studies in African American Literature	3
ENGL 340H	African Writers	3
ENGL 340J	Shakespeare on Film	3
ENGL 340L	Early American Literature	3
ENGL 340M	U.S. Latino/a Literature	3
ENGL 340N	Gay and Lesbian Literature Across Cultures	3
ENGL 340P	Topics in World Literature	3
ENGL 340R	Century's End: Race and Gender at the Turn of the Twentieth Century	3
ENGL 340S	Bible and Literature in English	3
ENGL 340W	Critical Studies in Women's Literature	3
ENGL 3500	Advanced Technical Writing	3
ENGL 3510	Technical and Report Writing	3
ENGL 3600	Professional Writing and Editing	3
ENGL 360A	American Drama	3
ENGL 360B	American Short Story	3
ENGL 360C	English Drama, 1580-1780	3
ENGL 360D	Literary Criticism	3
ENGL 360E	Modern Drama	3
ENGL 360F	Modern Fiction	3
ENGL 360G	Modern Poetry	3
ENGL 360H	Literature and Film Across Cultures	3
ENGL 3700	Business Writing	3
ENGL 370A	17th Century British Prose and Poetry	3
ENGL 4200	Writing Workshop: Creative Nonfiction	3
ENGL 4440	Course for Visiting Writers	3
ENGL 460A	Major Medieval Writers	3
ENGL 460B	Major Renaissance Writers	3
ENGL 460C	Major 18th Century Writers	3
ENGL 460D	Major Romantic Writers	3

112 College of Arts and Letters

ENGL 460E	Major Victorian Writers	3
ENGL 460F	Major American Writers I	3
ENGL 460G	Major American Writers II	3
ENGL 460H	Major Modern British Writers	3
ENGL 4600	Topics in Literature and Language	3
ENGL 4650	Independent Study in Language or Literature	3
LING 4010	History and Etymology of English	3
LING 4020	History of American English	3
LING 4040	Structure and Dialects of American English	3
LING 4050	English Grammar and Usage	3
LING 4060	Survey of Early Germanic Languages	3

Students majoring in English must take an exit exam during the last semester before graduation.

FOREIGN LANGUAGE (6-8 HOURS)

Minor Required

		Credit Hours
CREATIVE WRITING MINOR		18
ENGL 2200	Introduction to Creative Writing: Poetry and Fiction	3
<i>Select five from:</i>		
ENGL 3200	Expository Writing	3
ENGL 3210	Writing Fiction	3
ENGL 3220	Writing Poetry	3
ENGL 3310	Stories for Creative Writers	3
ENGL 3320	Poetry for Creative Writers	3
ENGL 4200	Writing Workshop: Creative Nonfiction	3
ENGL 4210	Writing Workshop: Fiction	3
ENGL 4220	Writing Workshop: Poetry	3
ENGL 4900	Playwriting	3
ENGL 4950	Advanced Playwriting	3

Or one (1) course from another writing minor. Courses taken for this minor may not be applied to the English major.

		Credit Hours
ENGLISH MINOR		21
ENGL 3100	Studies in British Literature I	3
ENGL 3130	Studies in British Literature II	3
<i>Select one from:</i>		
ENGL 3010	Studies in American Literature I	3
ENGL 3020	Studies in American Literature II	3

And four (4) upper division English or Linguistics courses approved by the department.

		Credit Hours
ENGLISH WRITING MINOR		18
<i>Select six from:</i>		
ENGL 1100	Technical and Report Writing	3
ENGL 2200	Introduction to Creative Writing: Poetry and Fiction	3

ENGL 3200	Expository Writing	3
ENGL 3210	Writing Fiction	3
ENGL 3220	Writing Poetry	3
ENGL 3500	Advanced Technical Writing	3
ENGL 3510	Technical Report Writing	3
ENGL 4200	Writing Workshop: Creative Nonfiction	3
ENGL 4210	Writing Workshop: Fiction	3
ENGL 4220	Writing Workshop: Poetry	3
LING 4010	History and Etymology of English	3
LING 4020	History of American English	3
LING 4040	Structure and Dialects of American English	3
LING 4050	English Grammar and Usage	3

Or one (1) course from another writing minor. Courses taken for this minor may not be applied to the English major.

PROFESSIONAL WRITING MINOR		Credit Hours
		18
ENGL 1100	Technical and Report Writing	3
<i>Select five from:</i>		
ENGL 3200	Expository Writing	3
ENGL 3500	Advanced Technical Writing	3
ENGL 3510	Technical Report Writing	3
ENGL 3600	Professional Writing and Editing	3
ENGL 3700	Business Writing	3
ENGL 4200	Writing Workshop: Creative Nonfiction	3
ENGL 4500	Technical Writing Theory and Research	3
ENGL 4610	Professional Writing Internship	3
COMM 3100	Desktop Publishing	3
COMM 4150	Feature Writing	3

Or one (1) course from another writing minor. Courses taken for this minor may not be applied to the English major.

ENGLISH (B.A., B.S.) with Teacher Licensure

This program satisfies Tennessee guidelines for secondary school licensure.

		Credit Hours
General Education (see TBR Common Core)		41
University-Wide Freshman Seminar Requirement		1
Lower Division Major Requirements		
ENGL 1100	Technical and Report Writing	3
Upper Division Major Requirements		33
ENGL 3010	Studies in American Literature I	3
ENGL 3020	Studies in American Literature II	3
ENGL 3100	Studies in British Literature I	3
ENGL 3130	Studies in British Literature II	3
ENGL 3150	Shakespeare	3

114 College of Arts and Letters

ENGL 3420	The Adolescent Experience in Literature	3
ENGL 4400	Teaching English in Secondary School	3
RDG 4890	Teaching Reading in Secondary School	3
<i>Select one from:</i>		
ENGL 3200	Expository Writing	3
ENGL 3500	Advanced Technical Writing	3
ENGL 3600	Professional Writing and Editing	3
<i>Select two from:</i>		
LING 4010	History and Etymology of English	3
LING 4020	History of American English	3
LING 4040	Structure and Dialects of American English	3
LING 4050	English Grammar and Usage	3

Students must have one (1) upper division literature elective approved by their advisor, and the Professional Education minor; one year of a foreign language at the college level. Student Teaching is required for licensure.

FOREIGN LANGUAGES (B.A.)

Website: www.apsu.edu/langlit/for/foreign.htm

The Department of Languages and Literature offers a Foreign Languages Major with ten specializations; and minors in Classical Civilization, Classical Languages, French, German, Greek, Latin, and Spanish.

Students seeking licensure for teaching grades 7-12 in Tennessee must also take LING 4400 and one study abroad course from SPAN 304A or 304B for Spanish licensure; FREN 3040 for French licensure; or GERM 3040 for German licensure; or present evidence of an acceptable intensive experience abroad in the target language. Students must also complete the Professional Education minor and Student Teaching. Teacher licensure for grades 7-12 is available in French, German, Spanish, and Latin through specializations in the Foreign Languages major. Foreign language majors who transfer from other colleges and universities must earn at least six (6) hours of coursework in each of the two foreign languages taken at Austin Peay.

An oral or, in the case of ancient languages, written proficiency exam and a portfolio are graduation requirements for all Foreign Language majors. Students must see their advisor for more information. A minor is required.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
*Classics Specialization	36
GREK 2010 Intermediate Greek I	3
GREK 2020 Intermediate Greek II	3
LATN 2010 Intermediate Latin I	3
LATN 2020 Intermediate Latin II	3

Select three from:

GREK or LATN 3000 or 4000 series courses

*** Pending regulatory approval**

Select five from:

Any of the CLAS series

GREK 1110	Elementary Modern Greek	3
ART 2010	Art History Survey I	3
ENGL 340D	Mythology and Folklore	3
HIST 3300	Ancient Greece	3
HIST 3310	Ancient Rome	3
HIST 3480	The Early Middle Ages	3

***French And German Specialization**

**Credit Hours
36**

FREN 2010	Intermediate French I	3
FREN 2020	Intermediate French II	3
FREN 3210	Advanced Composition in French	3
FREN 3220	Phonetics and Conversation in French	3
FREN 3310	Geography and History of France	3
FREN 3320	French Civilization	3
GERM 2010	Intermediate German I	3
GERM 2020	Intermediate German II	3
GERM 3210	Advanced Composition in German	3
GERM 3220	Phonetics and Conversation in German	3
GERM 3510	German Civilization, Culture, and Geography I	3
GERM 3520	German Civilization, Culture, and Geography II	3

***French And Spanish Specialization**

**Credit Hours
36**

FREN 2010	Intermediate French I	3
FREN 2020	Intermediate French II	3
FREN 3210	Advanced Composition in French	3
FREN 3220	Phonetics and Conversation in French	3
FREN 3320	French Civilization	3
FREN 3430	Approaches to French Literature	3
SPAN 2010	Intermediate Spanish I	3
SPAN 2020	Intermediate Spanish II	3
SPAN 3210	Advanced Composition in Spanish	3
SPAN 3220	Phonetics and Conversation in Spanish	3

And either 3510 and 3520, or 3610 and 3620

***French Specialization**

**Credit Hours
33-35**

FREN 2010	Intermediate French I	3
FREN 2020	Intermediate French II	3
FREN 3210	Advanced Composition in French	3
FREN 3220	Phonetics and Conversation in French	3
FREN 3320	French Civilization	3

Licensure Students: *Select three from:*

FREN 3420	French Cinema	3
FREN 3430	Approaches to French Literature	3
FREN 4410	French Poetry	3

*** Pending regulatory approval**

116 College of Arts and Letters

FREN 4420	French Theatre	3
FREN 4430	French Fiction	3
FREN 4530	French Literature: Special Topics	3

Non-licensure Students: Select any three from:

FREN courses numbered 3410 or higher		3 each
--------------------------------------	--	--------

Select one from:

HIST 3340	Absolutism and Enlightenment	3
HIST 3350	Modern Europe, 1789-1919	3
A two-semester sequence from Spanish, German, Greek, or Latin		6-8

*German And Spanish Specialization

**Credit Hours
36**

GERM 2010	Intermediate German I	3
GERM 2020	Intermediate German II	3
GERM 3210	Advanced Composition in German	3
GERM 3220	Phonetics and Conversation in German	3
GERM 3510	German Civilization, Culture, and Geography I	3
GERM 3520	German Civilization, Culture, and Geography II	3
SPAN 2010	Intermediate Spanish I	3
SPAN 2020	Intermediate Spanish II	3
SPAN 3210	Advanced Composition in Spanish	3
SPAN 3220	Phonetics and Conversation in Spanish	3
And either 3510 and 3520, or 3610 and 3620		

*German Specialization

**Credit Hours
30-32**

GERM 2010	Intermediate German I	3
GERM 2020	Intermediate German II	3
GERM 3210	Advanced Composition in German	3
GERM 3220	Phonetics and Conversation in German	3
GERM 3510	German Civilization, Culture, and Geography I	3
GERM 3520	German Civilization, Culture, and Geography II	3
Select two from:		
GERM 4510	Survey of German Literature	3
GERM 4520	Survey of Germany Literature II	3
GERM 4530	German Literature: Special Topics	3
A two-semester sequence from Spanish, Greek, French, or Latin		6-8

*Greek Specialization

**Credit Hours
33-35**

GREK 2010	Intermediate Greek I	3
GREK 2020	Intermediate Greek II	3
Select three from:		
GREK 3000 or 4000 series courses		
Select four from:		
Any of the CLAS series		3 each
GREK 1110	Elementary Modern Greek	3
ART 2010	Art History Survey I	3

*** Pending regulatory approval**

ENGL 340D	Mythology and Folklore	3
HIST 3300	Ancient Greece	3
HIST 3480	The Early Middle Ages	3
PHIL 3100	Ancient Philosophy	3
A two-semester sequence from Spanish, German, French, or Latin		6-8

***Latin Specialization**

**Credit Hours
33-35**

LATN 2010	Intermediate Latin I	3
LATN 2020	Intermediate Latin II	3

Select three from:

LATN 3000 or 4000 series courses

Select four from:

Any of the CLAS series		3 each
GREK 1110	Elementary Modern Greek	3
ART 2010	Art History Survey I	3
ENGL 340D	Mythology and Folklore	3
HIST 3310	Ancient Rome	3
HIST 3480	The Early Middle Ages	3
PHIL 3100	Ancient Philosophy	3
A two-semester sequence from Spanish, German, French, or Greek		6-8

***Spanish Specialization**

**Credit Hours
30-32**

Option I

This program satisfies Tennessee guidelines for secondary school licensure. Students seeking licensure, 7-12 for teaching in Tennessee, must also complete the Professional Education Minor, LING 4400, SPAN 304A or 304B, Student Teaching, and the PRAXIS II Spanish specialty exam (code 191, minimum score of 152; and code 192, minimum score of 154). Transfer students must earn at least six (6) hours in Spanish at APSU.

General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirements	1

Lower Division Major Requirements 14

SPAN 1010	Elementary Spanish I	4
SPAN 1020	Elementary Spanish II	4
SPAN 2010	Intermediate Spanish I	3
SPAN 2020	Intermediate Spanish II	3

Upper Division Major Requirements 30

SPAN 3210	Advanced Composition in Spanish	3
SPAN 3220	Phonetics and Conversation in Spanish	3
SPAN 3510	Spanish Civilization I	3
SPAN 3520	Spanish Civilization II	3
SPAN 3610	Spanish-American Civilization I	3
SPAN 3620	Spanish-American Civilization II	3
SPAN 4510	Survey of Spanish Peninsular Literature I	3

*** Pending regulatory approval**

118 College of Arts and Letters

SPAN 4520	Survey of Spanish Peninsular Literature II	3
SPAN 4610	Survey of Spanish-American Literature I	3
SPAN 4620	Survey of Spanish-American Literature II	3

The Professional Education Minor is required for this major.

Option 2

SPAN 2010	Intermediate Spanish I	3
SPAN 2020	Intermediate Spanish II	3
SPAN 3210	Advanced Composition in Spanish	3
SPAN 3220	Phonetics and Conversation in Spanish	3

And either

SPAN 3510	Spanish Civilization I	3
SPAN 3520	Spanish Civilization II	3
SPAN 4510	Survey of Spanish Peninsular Literature I	3
SPAN 4520	Survey of Spanish Peninsular Literature II	3

Or

SPAN 3610	Spanish-American Civilization I	3
SPAN 3620	Spanish-American Civilization II	3
SPAN 4610	Survey of Spanish-American Literature I	3
SPAN 4620	Survey of Spanish-American Literature II	3

A two-semester sequence from Latin, German, French, or Greek 6-8

**Credit Hours
18-20**

CLASSICAL CIVILIZATION MINOR

Select two from:

GREK or Latin 1010, 1020, 2010, 2020 6-8

Or any of the GREK or LATN 3000 or 4000 courses

Select four from:

The CLAS 3000 series		3 each
GREK 1110	Elementary Modern Greek	3
ART 2010	Art History Survey I	3
ENGL 340D	Mythology and Folklore	3
HIST 3300	Ancient Greece	3
HIST 3310	Ancient Rome	3
HIST 3480	The Early Middle Ages	3
PHIL 3100	Ancient Philosophy	3

**Credit Hours
18-22**

CLASSICAL LANGUAGE MINOR

Select four from:

Greek or Latin 1010, 1020, 2010, 2020

Or any of the GREK or LATN 3000 or 4000 courses

Select two from:

The CLAS 3000 series		3 each
GREK 1110	Elementary Modern Greek	3
ART 2010	Art History Survey I	3
ENGL 340D	Mythology and Folklore	3
HIST 3300	Ancient Greece	3
HIST 3310	Ancient Rome	3

HIST 3480	The Early Middle Ages	3
PHIL 3100	Ancient Philosophy	3

FRENCH MINOR

**Credit Hours
21**

FREN 2010	Intermediate French I	3
FREN 2020	Intermediate French II	3
FREN 3210	Advanced Composition in French	3
FREN 3220	Phonetics and Conversation in French	3

Select three from:

FREN 3040	Study Abroad in Quebec	6-8
FREN 3050	Semester Study in France	12
FREN 3320	French Civilization	3
FREN 3330	Quebec Literature and Culture	3
FREN 3410	Business French	3
FREN 3420	French Cinema	3
FREN 3430	Approaches to French Literature	3
FREN 4410	French Poetry	3
FREN 4420	French Theatre	3
FREN 4430	French Fiction	3
FREN 4530	French Literature: Special Topics	3

GERMAN MINOR

**Credit Hours
18**

GERM 2010	Intermediate German I	3
GERM 2020	Intermediate German II	3
GERM 3210	Advance Composition in German	3
GERM 3220	Phonetics and Conversation in German	3
GERM 3510	German Civilization, Culture, and Geography I	3
GERM 3520	German Civilization, Culture, and Geography II	3

GREEK MINOR

**Credit Hours
18-20**

Select four from:

GREK 1010	Beginning Greek I	4
GREK 1020	Beginning Greek II	4
GREK 2010	Intermediate Greek I	3
GREK 2020	Intermediate Greek II	3

Or any of the GREK 3000 or 4000 courses

Select two from:

The CLAS 3000 series		3 each
GREK 1110	Elementary Modern Greek	3
ART 2010	Art History Survey I	3
ENGL 340D	Mythology and Folklore	3
HIST 3300	Ancient Greece	3
HIST 3310	Ancient Rome	3
HIST 3480	The Early Middle Ages	3
PHIL3100	Ancient Philosophy	3

120 College of Arts and Letters

LATIN MINOR

Credit Hours
18-20

Select four from:

LATN 1010	Elementary Latin I	4
LATN 1020	Elementary Latin II	4
LATN 2010	Intermediate Latin I	3
LATN 2020	Intermediate Latin II	3

Or any of the LATN 3000 or 4000 courses

Select two from:

The CLAS 3000 series		3 each
GREK 1110	Elementary Modern Greek	3
ART 2010	Art History Survey I	3
ENGL 340D	Mythology and Folklore	3
HIST 3300	Ancient Greece	3
HIST 3310	Ancient Rome	3
HIST 3480	The Early Middle Ages	3
PHIL 3100	Ancient Philosophy	3

SPANISH MINOR

Credit Hours
18

SPAN 2010	Intermediate Spanish I	3
SPAN 2020	Intermediate Spanish II	3
SPAN 3210	Advanced Composition in Spanish	3
SPAN 3220	Phonetics and Conversation in Spanish	3

Select one from:

SPAN 3510	Spanish Civilization I	3
SPAN 3520	Spanish Civilization II	3

Select one from:

SPAN 3610	Spanish-American Civilization I	3
SPAN 3620	Spanish-American Civilization II	3

Department of Music (B.A., B.S.)

College of Arts and Letters

Location: Music/Mass Communication, 139

Phone: 931-221-7818; Fax 931-221-7529

Website: www.apsu.edu/mus

The Department of Music provides comprehensive undergraduate and graduate programs designed to produce skilled, knowledgeable, creative, and articulate musicians by

- Providing training and experience for students preparing for careers in music performance and composition;
- Providing music training and teaching experience for students seeking licensure in education to help meet the need for competent music teachers in the state and region;
- Providing educational resources and musical experiences as part of a comprehensive liberal arts education;
- Providing training toward the development of critical thinking in music; and
- Providing a rich program of artistic and cultural events in conjunction with the Center of

Excellence for the Creative Arts to emphasize the importance of music in the lives of students and the community.

ACCREDITATIONS

Programs in the Department of Music are accredited by the National Association of Schools of Music.

REQUIREMENTS

Audition is required for admission to the Department of Music, as well as for a music scholarship. Contact the department for audition times.

Theory Placement - All entering music majors are required to take a theory placement exam at a designated time. An unsatisfactory score will result in students being required to successfully pass Introduction to Music Theory I and II before beginning the theory sequence.

Ensembles - A student majoring in music is required to participate satisfactorily every semester in the performing organization deemed appropriate to his or her major performing medium. For woodwind, brass, and percussion majors, this will be Band (Fall - Marching Band, Spring - Symphonic Band/Wind Ensemble); for vocal majors, the University Choir; for string majors, the Orchestra or Guitar Ensemble. Keyboard majors may choose any performing organization appropriate to their experience in order to fulfill this requirement.

Recital Attendance - During the academic year, all music majors are required to attend a predetermined number of recitals and programs sponsored or approved by the department. Students who are deficient in this requirement at the end of the sophomore year will not be eligible to take their Junior Level Examination; those deficient at the end of their senior year will not graduate.

Junior Level Exam - Music majors must pass a Junior Level Examination, ordinarily scheduled at the end of the sophomore year, before enrolling in upper division (3xxx level) individual instruction. All majors will have a maximum of three (3) attempts to pass the Junior Level Examination. A minimum of three (3) semesters of upper division (3xxx level) instruction are required prior to the Senior Recital. Students whose background in performance is deficient may be required to take more than the normal amount of credit at the lower division level. Upper division credit in performance is granted only after the student passes the Junior Level Examination. Each music major is normally required to appear at least once each year in a recital, either in solo or ensemble performance.

Piano Proficiency - The piano proficiency examination is required for majors whose primary Individual Instruction is not piano.

Music Education Majors - Music Education majors with instrumental specialization must pass the following proficiency examinations: Strings; Woodwinds; Brass; and Percussion.

Vocal Performance - Students enrolled in the vocal emphasis of the Music Performance concentration must complete two semesters of intermediate foreign language.

Transfer Students - Students transferring from another institution must take a proficiency examination in music theory before completing registration. Placement in music theory will depend upon the results of this examination. The transfer student's placement in applied music must be approved by the jury examination at the end of the first semester at APSU.

Music Minor - Students who minor in music must belong to one performing organization for two years. They must also pass the proficiency examination in their applied area.

APPLIED MUSIC – INDIVIDUAL INSTRUCTION

Enrollment for individual applied music lessons must have the approval of the instructor. The course may be repeated for credit.

There is a private music instruction fee associated with each applied music individual instruction course. Students who miss regularly scheduled lessons (except for reasons of illness or institutionally excused absences) are not entitled to make up lessons or receive fee adjustments. All fees are paid in the Business Office of the University.

PRIVATE MUSIC INSTRUCTION FEE

- \$150 per semester for one half-hour (clock hour) lesson per week
- \$300 per semester for one hour (clock hour) lesson per week

APPLIED MUSIC – INDIVIDUAL INSTRUCTION COURSES

Lower Division

The following courses are offered for one clock hour weekly lesson and may be taken for either 1, 2, or 3 credit hours.

MUS 1100	Piano — Individual Instruction
MUS 1150	Organ — Individual Instruction
MUS 1200	Voice — Individual Instruction
MUS 1300	Violin — Individual Instruction
MUS 1310	Viola — Individual Instruction
MUS 1320	Cello — Individual Instruction
MUS 1330	String Bass — Individual Instruction
MUS 1340	Saxophone — Individual Instruction
MUS 1370	Flute — Individual Instruction
MUS 1380	Oboe — Individual Instruction
MUS 1390	Clarinet — Individual Instruction
MUS 1410	Bassoon — Individual Instruction
MUS 1420	French Horn — Individual Instruction
MUS 1430	Trumpet — Individual Instruction
MUS 1440	Trombone — Individual Instruction
MUS 1450	Baritone — Individual Instruction
MUS 1460	Tuba — Individual Instruction
MUS 1470	Percussion — Individual Instruction
MUS 1480	Guitar — Individual Instruction
MUS 1550	Composition — Individual Instruction

The following courses are offered for one half-hour of weekly instruction and may be taken for one credit hour.

MUS 1109	Piano — 1/2 hour instruction
MUS 1159	Organ — 1/2 hour instruction
MUS 1209	Voice — 1/2 hour instruction
MUS 1309	Violin — 1/2 hour instruction
MUS 1319	Viola — 1/2 hour instruction
MUS 1329	Cello — 1/2 hour instruction
MUS 1339	String Bass — 1/2 hour instruction
MUS 1349	Saxophone — 1/2 hour instruction
MUS 1379	Flute — 1/2 hour instruction
MUS 1389	Oboe — 1/2 hour instruction

MUS 1399	Clarinet — 1/2 hour instruction
MUS 1419	Bassoon — 1/2 hour instruction
MUS 1429	French Horn — 1/2 hour instruction
MUS 1439	Trumpet — 1/2 hour instruction
MUS 1449	Trombone — 1/2 hour instruction
MUS 1459	Baritone — 1/2 hour instruction
MUS 1469	Tuba — 1/2 hour instruction
MUS 1479	Percussion — 1/2 hour instruction
MUS 1489	Guitar — 1/2 hour instruction

Upper Division

The following courses are offered for one clock hour weekly lesson and may be taken for either 1, 2, or 3 credit hours.

MUS 3100	Piano — Individual Instruction
MUS 3150	Organ — Individual Instruction
MUS 3200	Voice — Individual Instruction
MUS 3300	Violin — Individual Instruction
MUS 3310	Viola — Individual Instruction
MUS 3320	Cello — Individual Instruction
MUS 3330	String Bass — Individual Instruction
MUS 3340	Saxophone — Individual Instruction
MUS 3370	Flute — Individual Instruction
MUS 3380	Oboe — Individual Instruction
MUS 3390	Clarinet — Individual Instruction
MUS 3410	Bassoon — Individual Instruction
MUS 3420	French Horn — Individual Instruction
MUS 3430	Trumpet — Individual Instruction
MUS 3440	Trombone — Individual Instruction
MUS 3450	Baritone — Individual Instruction
MUS 3460	Tuba — Individual Instruction
MUS 3470	Percussion — Individual Instruction
MUS 3480	Guitar — Individual Instruction
MUS 3550	Composition — Individual Instruction
MUS 3950	Junior Recital (1) — Individual Instruction
MUS 4930	Senior Recital (0) — Individual Instruction
MUS 4950	Senior Recital (1) — Individual Instruction

The following courses are offered for one half-hour of weekly instruction and may be taken for one credit hour.

MUS 3109	Piano — 1/2 hour instruction
MUS 3159	Organ — 1/2 hour instruction
MUS 3209	Voice — 1/2 hour instruction
MUS 3309	Violin — 1/2 hour instruction
MUS 3319	Viola — 1/2 hour instruction
MUS 3329	Cello — 1/2 hour instruction
MUS 3339	String Bass — 1/2 hour instruction
MUS 3349	Saxophone — 1/2 hour instruction
MUS 3379	Flute — 1/2 hour instruction
MUS 3389	Oboe — 1/2 hour instruction

124 College of Arts and Letters

MUS 3399	Clarinet — 1/2 hour instruction
MUS 3419	Bassoon — 1/2 hour instruction
MUS 3429	French Horn — 1/2 hour instruction
MUS 3439	Trumpet — 1/2 hour instruction
MUS 3449	Trombone — 1/2 hour instruction
MUS 3459	Baritone — 1/2 hour instruction
MUS 3469	Tuba — 1/2 hour instruction
MUS 3479	Percussion — 1/2 hour instruction
MUS 3489	Guitar — 1/2 hour instruction

MUSIC (B.A., B.S.)

LIBERAL STUDIES MUSIC CONCENTRATION

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Specific General Education Requirements	6
Intermediate Foreign Language**	6

**Required for the B.A.

Additional Major Requirements **23**

*Student must complete a minor in another department.

*Student must consult with individual department for specific requirements.

Lower Division Major Requirements **30**

MUS 1060 ¹	Recital Attendance (Pass or Fail)	0
MUS 1180	Music Theory I	3
MUS 1185	Aural Skills I	1
MUS 1190	Music Theory II	3
MUS 1195	Aural Skills II	1
MUS 1970 ³	Introduction to Music Literature	3
MUS 2180	Music Theory III	3
MUS 2185	Aural Skills III	1
MUS 2190	Music Theory IV	3
MUS 2195	Aural Skills IV	1
MUS 1170 or 1109	Class Piano or Individual Piano	1
MUS 1160 ² or 1109	Class Piano or Individual Piano	2
MUS 1xxx ¹	Appropriate Ensemble	4
MUS 1xxx ¹	Individual Instruction on major instrument	4

Upper Division Major Requirements **27**

MUS 3010	Music History	3
MUS 3020	Music History	3
MUS 3160	Introduction to Music Technology	3

¹ Required every semester

² Class meets for 2 periods

³ Class meets for 3 periods

College of Arts and Letters 125

MUS 3800 ¹	Basic Conducting	2
MUS 3505 or 3860 or 4270 or 4280	Guitar Pedagogy or Vocal Pedagogy or Piano Pedagogy or Instrumental Pedagogy (appropriate to major)	3
MUS 3xxx	Appropriate Ensemble	4
MUS 3xxx	Applied Music—Individual Instruction	8
MUS 4930	Senior Recital	1

*Class meets for three periods weekly.

Electives		3
Music Elective		1

MUSIC EDUCATION CONCENTRATION WITH TEACHER LICENSURE

*Instrumental Specialization

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1

Specific General Education Requirements **3/9**

MUS 1970 ¹	Introduction to Music Literature (Required for the B.A., B.S.)	3
	Intermediate Foreign Language (Required for the B.A.)	6

*This course is required and may be used as a substitute for 3 hours of the humanities core.

Minor in Professional Education required for this major **27**

Lower Division Major Requirements **28**

MUS 1060 ¹	Recital Attendance (seven semesters) – (Pass or Fail)	0
MUS 1180	Music Theory I	3
MUS 1185	Aural Skills I	1
MUS 1190	Music Theory II	3
MUS 1195	Aural Skills II	1
MUS 1250 ² or 1500/3500 ³	Class Voice or Choir	1
MUS 2180	Music Theory III	3
MUS 2185	Aural Skills III	1
MUS 2190	Music Theory IV	3
MUS 2195	Aural Skills IV	1
MUS 1160 ² or 1109	Class Piano or Individual Piano	1
MUS 2240	Foundations of Music Education	2
MUS 1630 or 1350 ³ or 1990 ³	Marching Band or Orchestra or Guitar Ensemble	2

* Pending regulatory approval

¹ Required every semester

² Class meets for 2 periods

³ Class meets for 3 periods

126 College of Arts and Letters

MUS 1600 ³ or 1350 ³ or 1990 ³	Symphonic Band or Orchestra or Guitar Ensemble	2
MUS 1xxx	Applied Music–Individual Instruction ¹	4
Upper Division Major Requirements		32
MUS 3xxx	Applied Music–Individual Instruction ⁴	6
<i>Ensemble (3 semesters as designated below):</i>		
MUS 3630 or 3350 or 3990	Marching Band or Orchestra or Guitar Ensemble	2
MUS 3600 or 3350 or 3990	Symphonic Band/Wind Ensemble or Orchestra or Guitar Ensemble	1
MUS 3010	Music History	3
MUS 3020	Music History	3
MUS 3160	Introduction to Music Technology	3
MUS 3255	General Music Methods	2
MUS 3800	Basic Conducting (3 periods weekly)	2
MUS 3820	Instrumental Conducting (3 periods weekly)	2
MUS 4240 or 4420 or 3860	Marching Band Techniques or Symphonic Literature or Guitar Pedagogy	3
MUS 4260	Materials and Techniques for Instr. Instruct.	3
MUS 4810	Orchestration	2
MUS 4930	Senior Recital	0

Credit Hours 15

PROFESSIONAL EDUCATION MINOR

EDUC 3070	Instructional Strategies	3
EDUC 4080	Classroom Organization and Management	3
EDUC 4160	Teaching Diverse Students	3
PSY 3130	Introduction to Educational Psychology	3
SPED 3000	Introduction to Special Education	3

Student Teaching **12**

EDUC 4410	Student Teaching: Grades K-3	5
EDUC 4510	Student Teaching: Grades 4-6	5
EDUC 4610	Student Teaching: Grades 7-8	5
EDUC 4710	Student Teaching: Grades 9-12	5
EDUC 4950	Teaching Seminar	2

*Keyboard Specialization

Credit Hours

General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1

* Pending regulatory approval

¹ Required every semester

⁴ Minimum of 3 semesters

Specific General Education Requirements 3/9

MUS 1970 ⁵	Introduction to Music Literature (Required for the B.A., B.S.)	3
	Intermediate Foreign Language (Required for the B.A.)	6

Minor in Professional Education required for this major 27

Lower Division Major Requirements 28

MUS 1060 ¹	Recital Attendance (seven semesters) – (Pass or Fail)	0
MUS 1100	Applied Music–Individual Instruction Piano ¹	4
MUS 1xxx	Ensemble (4 semesters)	4
MUS 1180	Music Theory I	3
MUS 1185	Aural Skills I	1
MUS 1190	Music Theory II	3
MUS 1195	Aural Skills II	1
MUS 1200	Applied Music - Individual Instruction - Voice	2
MUS 2180	Music Theory III	3
MUS 2185	Aural Skills III	1
MUS 2190	Music Theory IV	3
MUS 2195	Aural Skills IV	1
MUS 2240	Foundations of Music Education	2

Upper Division Major Requirements 32

MUS 3xxx	Applied Music–Individual Instruction ⁴	6
	Ensemble (3 semesters as designated below)	3
MUS 3010	Music History	3
MUS 3020	Music History	3
MUS 3160	Introduction to Music Technology	3
MUS 3255	General Music Methods	2
MUS 3800	Basic Conducting (3 periods weekly)	2
MUS 3810	Choral Conducting (3 periods weekly)	2
MUS 4270 or 4280 or 4380	Vocal Pedagogy or Piano Pedagogy or Choral Techniques	3
MUS 4310	Survey of Piano Literature	3
MUS 4810	Orchestration	2
MUS 4930	Senior Recital	0

PROFESSIONAL EDUCATION MINOR Credit Hours 15

EDUC 3070	Instructional Strategies	3
EDUC 4080	Classroom Organization and Management	3
EDUC 4160	Teaching Diverse Students	3
PSY 3130	Introduction to Educational Psychology	3
SPED 3000	Introduction to Special Education	3

¹ Required every semester

⁴ Minimum of 3 semesters

⁵ This course is required and may be used to substitute 3 hours of humanities core

128 College of Arts and Letters

Student Teaching		12
EDUC 4410	Student Teaching: Grades K-3	5
EDUC 4510	Student Teaching: Grades 4-6	5
EDUC 4610	Student Teaching: Grades 7-8	5
EDUC 4710	Student Teaching: Grades 9-12	5
EDUC 4950	Teaching Seminar	2

*Vocal Specialization

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1

Specific General Education Major Requirements	3/9	
MUS 1970 ⁵	Introduction to Music Literature (Required for the B.A., B.S.)	3
	Intermediate Foreign Language (Required for the B.A.)	6

Minor in Professional Education required for this major	27
--	-----------

Lower Division Major Requirements	27
--	-----------

MUS 1060 ⁶	Recital Attendance (seven semesters) – (Pass or Fail)	0
MUS 1160 or 1109	Class Piano or Applied Music–Individual Instruction Piano	1
MUS 1200	Applied Music–Individual Instruction Voice*	4
MUS 1500	Ensemble (4 semesters)	4
MUS 1180	Music Theory I	3
MUS 1185	Aural Skills I	1
MUS 1190	Music Theory II	3
MUS 1195	Aural Skills II	1
MUS 2180	Music Theory III	3
MUS 2185	Aural Skills III	1
MUS 2190	Music Theory IV	3
MUS 2195	Aural Skills IV	1
MUS 2240	Foundations of Music Education	2

Upper Division Major Requirements	33
--	-----------

MUS 3xxx ⁴	Applied Music–Individual Instruction	6
MUS 3500	Choir	3
MUS 3010	Music History	3
MUS 3020	Music History	3
MUS 3160	Introduction to Music Technology	3
MUS 3255	General Music Methods	2
MUS 3252	Secondary Music Methods and Humanities	1
MUS 3800	Basic Conducting (3 periods weekly)	2

* Pending regulatory approval

⁴ Minimum of 3 semesters

⁵ This course is required and may be used to substitute 3 hours of humanities core

⁶ A minimum of 4 semesters

MUS 3810	Choral Conducting (3 periods weekly)	2
MUS 4380	Choral Techniques	3
MUS 4390	Choral Literature	3
MUS 4810	Orchestration	2
MUS 4930	Senior Recital	0

Credit Hours

PROFESSIONAL EDUCATION MINOR

15

EDUC 3070	Instructional Strategies	3
EDUC 4080	Classroom Organization and Management	3
EDUC 4160	Teaching Diverse Students	3
PSY 3130	Introduction to Educational Psychology	3
SPED 3000	Introduction to Special Education	3

Student Teaching

12

EDUC 4410	Student Teaching: Grades K-3	5
EDUC 4510	Student Teaching: Grades 4-6	5
EDUC 4610	Student Teaching: Grades 7-8	5
EDUC 4710	Student Teaching: Grades 9-12	5
EDUC 4950	Teaching Seminar	2

MUSIC PERFORMANCE CONCENTRATION

***Composition Specialization**

Credit Hours

General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1

Specific General Education Requirements	6
Intermediate Foreign Language (required for the B.A.)	6

Elective for B.S.	3
--------------------------	----------

MUS 1970 ⁵	Introduction to Music Literature	3
*This course is required and may be used as a substitute for 3 hours of the humanities core.		

Lower Division Major Requirements **37**

MUS 1060	Recital Attendance (eight semesters) – (Pass or Fail)	0
MUS 1100 ⁷	Applied Music–Individual Instruction in Piano	4
MUS 1xxx	Applied Music–Individual Instruction (4 semesters)	4
MUS 1xxx	Ensemble (4 semesters)	4
MUS 1180	Music Theory I	3
MUS 1185	Aural Skills I	1
MUS 1190	Music Theory II	3
MUS 1195	Aural Skills II	1
MUS 1550	Composition	9

*** Pending regulatory approval**

⁵This course is required and may be used to substitute 3 hours of humanities core

⁷MUS 1160 and MUS 1170 may substitute for 2 semesters of individual instruction in Piano

130 College of Arts and Letters

MUS 2180	Music Theory III	3
MUS 2185	Aural Skills III	1
MUS 2190	Music Theory IV	3
MUS 2195	Aural Skills IV	1

Upper Division Major Requirements **42**

MUS 3010	Music History	3
MUS 3020	Music History	3
MUS 3160	Introduction to Music Technology	3
MUS 3800	Basic Conducting	2
MUS 4810	Orchestration	2
MUS 4950	Senior Recital	2
MUS 3550	Composition	9
MUS 4110	Music Analysis	3
MUS 4120	Music Analysis	3
MUS 4350	Music after 1900	3
MUS 4330 or 4340	Music before 1750 or Music from 1750 to 1900	
MUS 4460	Music of Many Cultures	3
MUS 3xxx	Ensemble	2
MUS Elective		1

*Instrumental Specialization

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Specific General Education Requirements	6
Intermediate Foreign Language (required for the B.A.)	6
MUS 1970 ⁵ Introduction to Music Literature	3

Lower Division Major Requirements **33**

MUS 1060 ⁸	Recital Attendance (eight semesters) – Pass or Fail	0
MUS 1180	Music Theory I	3
MUS 1185	Aural Skills I	1
MUS 1190	Music Theory II	3
MUS 1195	Aural Skills II	1
MUS 2180	Music Theory III	3
MUS 2185	Aural Skills III	1
MUS 2190	Music Theory IV	3
MUS 2195	Aural Skills IV	1
MUS1100 or 1160	Applied Music–Individual Instruction in Piano or Class Piano (one semester)	1
MUS 1xxx	Applied Music–Individual Instruction	8
MUS 1xxx	Ensemble (appropriate)	8

* Pending regulatory approval

⁵ This course is required and may be used to substitute 3 hours of humanities core

⁸ 8 semesters (pass/fail)

Upper Division Major Requirements		43
MUS3xxx	Applied Music–Individual Instruction (four semesters)	8
MUS 3xxx	Ensemble (appropriate)	8
MUS 3010	Music History	3
MUS 3020	Music History	3
MUS 3160	Introduction to Music Technology	3
MUS 3800	Basic Conducting (3 periods weekly)	2
MUS 3820	Instrumental Conducting (3 periods weekly)	2
MUS 3950	Junior Recital	1
MUS 4110	Music Analysis	3
MUS 4120	Music Analysis	3
MUS 4260	Materials and Techniques for Instrumental Instruction	3
MUS 4320 or 4420 or 4430 or 4450	Guitar Literature or Symphonic Literature or Chamber Music Literature or Opera Literature	3
MUS 4950	Senior Recital	2

***Keyboard Specialization**

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Specific General Education Requirements	3/9
MUS 1970 ⁵	Introduction to Music Literature* 3

Intermediate Foreign Language (required for the B.A.) 6

Lower Division Major Requirements		33
MUS 1060 ⁸	Recital Attendance (eight semesters) – (Pass or Fail)	0
MUS 1xxx	Applied Music–Individual Instruction in Piano or Organ	8
MUS 1xxx	Ensemble (appropriate)	4
MUS 1700	Accompanying	3
MUS 1180	Music Theory I	3
MUS 1185	Aural Skills I	1
MUS 1190	Music Theory II	3
MUS 1195	Aural Skills II	1
MUS 2180	Music Theory III	3
MUS 2185	Aural Skills III	1
MUS 2190	Music Theory IV	3
MUS 2195	Aural Skills IV	1

Upper Division Major Requirements		53
MUS 3xxx	Applied Music–Individual Instruction in Piano or Organ	8
MUS 3xxx	Ensemble (appropriate)	3
MUS 3700	Accompanying	3
MUS 3950	Junior Recital	1

*** Pending regulatory approval**

⁵ This course is required and may be used to substitute 3 hours of humanities core
⁸ 8 semesters (pass/fail)

132 College of Arts and Letters

MUS 4950	Senior Recital	2
MUS 4280	Piano Pedagogy	3
MUS 4110	Music Analysis	3
MUS 4120	Music Analysis	3
MUS 3010	Music History	3
MUS 3020	Music History	3
MUS 3160	Introduction to Music Technology	3
MUS 3800	Basic Conducting (3 periods weekly)	2
MUS 4310	Survey of Piano Literature	3
MUS 4430	Chamber Music Literature	3
MUS 4280	Piano Pedagogy	3
MUS 4330 or 4350 or 4350 or 4460	Music before 1750 or Music from 1750 to 1900 or Music after 1900 or Music from Many Cultures	3
MUS 4340	Music from 1750-1900	3

*Vocal Specialization

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Specific General Education Requirements	9
MUS 1970 ⁵ Introduction to Music Literature	3
Intermediate Foreign Language (required for the B.A.)	6
Lower Division Major Requirements	35
MUS 1060 ⁸ Recital Attendance (eight semesters) – (Pass or Fail)	0
MUS 1200 Applied Music–Individual Instruction in Voice	8
MUS 1xxx Ensemble (appropriate)	4
MUS 1940/3940 Opera Workshop	1
MUS 1100 or 1160/1170 Individual Instruction - Piano or Class Piano I	2
MUS 1180 Music Theory I	3
MUS 1185 Aural Skills I	1
MUS 1190 Music Theory II	3
MUS 1195 Aural Skills II	1
MUS 1940 Opera Workshop	1
MUS 2180 Music Theory III	3
MUS 2185 Aural Skills III	1
MUS 2190 Music Theory IV	3
MUS 2195 Aural Skills IV	1
Upper Division Major Requirements	44
MUS 3200 Applied Music–Individual Instruction in Voice	8

* Pending regulatory approval

⁵ This course is required and may be used to substitute 3 hours of humanities core

⁸ 8 semesters (pass/fail)

MUS 3xxx	Ensemble (appropriate)	4
MUS 4522	Italian Diction for Singers	1
MUS 4523	German Diction for Singers	1
MUS 4524	French Diction for Singers	1
MUS 3950	Junior Recital	1
MUS 4950	Senior Recital	2
MUS 4110	Music Analysis	3
MUS 4120	Music Analysis	3
MUS 3010	Music History	3
MUS 3020	Music History	3
MUS 3160	Introduction to Music Technology	3
MUS 3800	Basic Conducting (3 periods weekly)	2
MUS 3940	Opera Workshop	2
MUS 4270	Vocal Pedagogy	3
MUS 4370 or 4450	Art Song Literature or Opera Literature	3

Credit Hours

19

MUSIC MINOR

MUS 1180	Music Theory I	3
MUS 1185	Aural Skills I	1
MUS 1190	Music Theory II	3
MUS 1195	Aural Skills II	1
MUS 1970	Introduction to Music Literature	3
	Appropriate ensemble	4

Applied Music (in a single discipline) 4 semesters minimum.

Successful Music Minor hearing at the completion of the course work.

WOMEN'S AND GENDER STUDIES MINOR

College of Arts & Letters

Location: Harned Hall, 144

Phone: 931-221-6314

Women's Studies explores human history, creativity, and society from the perspective of women's experiences. It is designed to inform the student about women's roles, experiences, and achievements in a variety of academic disciplines.

Credit Hours

3

Lower Division Minor Requirements

WS 2050	Women and Culture: Introduction to Women's Studies	3
---------	--	---

Upper Division Minor Requirements

6

WS 4010	Capstone Seminar in Women's Studies	3
AAST Any 3-credit course with approval of Women's Studies Coordinator		3

Select from the following approved courses:

77

AAST 3000	Africana Women Across Cultures	3
BIOL 3200	Women and Science	2
CLAS 3520	Women in Antiquity	3
COMM 4450	Mass Media and Women	3
COMM 4470	Race, Gender, and Mass Media	3

134 College of Arts and Letters

ENGL 340F	Women Writers	3
ENGL340N	Gay and Lesbian Literature Across Cultures	3
ENGL 340W	Critical Studies in Women's Literature	3
ENGL 340R	Century's End: Race and Gender at the Turn of the Twentieth Century	3
HIST 4670	Women in American History	3
HHP 3410	Health Disparities	3
NURS 2000	Women's Health in Today's World	3
PM 3400	Women and Administration	3
POLS 4040	Women and Politics	3
POLS 4330	Women and the Law	3
POLS 4340	Family Law	3
PSY 3210	Psychology of Women	3
SOC 3010	Marriage and the Family	3
SOC 3080	Gender and Society	3
SOC 3800	Women and Social Change	3
SW 4020	Human Sexuality	3
THEA 4700	Topics in Women's Theatre	3
WS 300A	Selected Topics in Women's Studies	3
WS 300B	Selected Topics in Women's Studies	3
WS 300C	Selected Topics in Women's Studies	3
WS 3050	Women in the Arts	3
WS 3060	Vagina Monologues	3
WS 3070	Women and Film	3
WS 3080	Women's Studies Internship	3

*Students are strongly advised to select courses from a variety of disciplines to ensure a broad spectrum of learning, and to seek advisement from the Women's Studies Coordinator.

*Other courses as approved by the coordinator.

ASIAN STUDIES MINOR

College of Arts & Letters

College of Professional Programs and Social Sciences

College of Science and Mathematics

See page 106.

College of Behavioral and Health Sciences

Location: McCord, 214
 Phone: 931-221-6380; Fax: 931-221-6382
 e-mail: dentond@apsu.edu
 Website: www.apsu.edu/ppss/

The College of Behavioral and Health Sciences exists to prepare highly skilled professionals in human service areas vital to society, and to advance the scientific body of knowledge of human behavior and the dynamics of social change and progress.

DEPARTMENT	MAJOR	CONCENTRATIONS	TEACHER CREDENTIAL PREPARATION	DEGREE OFFERED
School of Nursing.....	Nursing		R.N. Licensure.....	B.S.N., M.S.N.
Health & Human	Health		Licensure 7-12	B.S.
Performance	Health & Human Performance		Licensure K-12	B.S.
Military Science			Commission 1	
Political Science.....	Political Science		Licensure 7-12	B.A., B.S.
	Legal Studies.....			B.A., B.S.
Psychology.....	Psychology		Licensure 7-1 2	B.A., B.S.
Social Work.....	Social Work.....			B.S.
Sociology	Sociology		Licensure 7-12	B.S.

School of Nursing

College of Behavioral and Health Sciences

Location: McCord Building, 218

Phone: 931-221-7737

Website: www.apsu.edu/nursing01

NURSING (B.S.N.)

The School of Nursing offers a pre-licensure undergraduate program, the completion of which results in educational eligibility for the graduate to write the Registered Nurse Licensing Examination for R.N. Licensure. Additionally, the School of Nursing offers an online post-licensure undergraduate program through which the licensed registered nurse may complete the requirements for the B.S.N. degree. A Graduate M.S.N. program is offered through the RODP that includes multiple tracts. Students must review their course of studies with a designated School of Nursing Advisor each semester.

ACCREDITATION

The B.S.N. Program is approved by the Tennessee Department of Health, Board of Nursing and accredited by the National League for Nursing Accrediting Commission (NLNAC). These organizations may be reached at:

Tennessee Board of Nursing
227 French Landing Heritage Place
Suite 300, Metro Center
Nashville, TN 37243

National League for Nursing Accrediting Commission
61 Broadway, 33rd Floor
New York, NY 10006
(212) 363-555 x153
www.nlnac.org

ADDITIONAL ADMISSION REQUIREMENTS

B.S.N. ADMISSION REQUIREMENTS

(See www.apsu.edu/nursing01 for latest admission criteria)

General Information

1. There are 3 semesters of pre-requisite classes that must be completed before beginning nursing classes.
2. There are 2 application periods. Fall (application deadline May 1) and Spring (application deadline September 1).
3. The application and information about admission testing is posted on the School of Nursing website at www.apsu.edu/nursing01 (March 1 and July 1).
4. The TEAS admission test composes 1/3 of your ranking for admission to the School of Nursing. This is administered in April and August.
5. READ the admission criteria on the website if you have not yet done so.
6. Core classes and deficiencies must be completed before beginning nursing classes (no grade lower than a "C" is acceptable in nursing prerequisites).

7. GPA must be 3.0 (based on the BSN Core Curriculum courses which follow) to be eligible to apply. To be competitive your GPA should be closer to 3.5. (Any course that has been repeated will have all grades included when computing your average admission purposes.)

In order to apply the student must:

1. Be admitted to Austin Peay State University by the School of Nursing application deadline.
2. Complete and submit the School of Nursing application by the application deadline, Only completed applications will be considered for admission.
3. Have completed at least 30 hours with no grades lower than a “C” in nursing prerequisites and APSU general education requirements. These hours must include:
 - a. 8 hours of science from BIOL 2010, 2020, and/or 2300 plus labs
 - b. 6 hours nursing prerequisites from PSY 1010, 3100, SOC 2010, and/or MATH 1530
 - c. 16 hours of APSU core from ENG 1010, 1020, 2300, HIST 2010, 2020, Humanities 6 hours, and/or COMM 1010
 - d. APSU 1000 (not required for transfer students with more than 12 hours)
4. Have a documented plan for completion of remaining core and prerequisite courses prior to starting nursing courses.
5. Have completed all prerequisite Biology courses within seven (7) years of the time of application.
6. Have cleared any high school deficiencies.
7. Meet core performance and professional (technical) standards.

Further admission requirements (for ranking of applicant pool) that students must have:

1. A minimum calculated GPA of 3.0 on a 4.0 scale based on grades received in APSU general education requirements and nursing prerequisites.
 - a. Consideration is given to students who have a calculated GPA greater than 3.0 and/or who have completed all core and prerequisite courses at Austin Peay.
 - b. If a student attempts a course more than once, the grades from every attempt will be used to calculate the admission GPA.
2. Completed the required standardized nursing entrance examination by the School of Nursing application deadline. The required examination may be taken once per application period.
 - a. The fee-based examination must be taken on campus at APSU unless there are extenuating circumstances recognized by the School of Nursing Admission and Retention Committee.

Following acceptance into the B.S.N. program, students must:

1. Provide evidence of liability and health insurance. Evidence of physical and/or mental health may be required following admission or at any time during the program;
2. Provide verification of a negative report of a two-step tuberculin skin test dated no more than two months prior to enrollment in nursing courses (a negative chest X-ray will be required in the context of a positive tuberculin skin test), proof of immunity to rubella, varicella, rubeola, and Hepatitis B series and a tetanus booster within the last 10 years;
3. Provide verification of current certification in Basic Cardiac Life Support (CPS), comparable to the Health Care Provider Course of the American Heart Association; and,
4. Comply with criminal background checks and drug screening as required for eligibility to access entrance into specific clinical agencies as related to clinical course objectives.

138 College of Behavioral and Health Sciences

Pending review by the Tennessee Board of Nursing, persons who have been convicted of a crime other than a minor traffic violation could be ineligible for Registered Nurse Licensure in the State of Tennessee, even though they have successfully completed the program.

B.S.N. COMPLETION PROGRAM ADMISSION REQUIREMENTS

Application and admission requirements to the B.S.N. completion track are the same as for the basic program. In addition, authorization to practice as a registered nurse either by licensure or board authorization must be documented prior to initiation of any clinical course. Upper division credit status must be determined by the B.S.N. completion track Coordinator or School of Nursing Director at the time of initial application for specified nursing courses. To receive escrow transfer credit for lower division nursing courses, students must submit verification of graduation from an NLNAC accredited program.

Students not graduating from an NLNAC or CCNE accredited program must take approved College Examinations or courses as specifically advised by the B.S.N. completion track Coordinator or School of Nursing Director.

	Credit Hours
General Education (see TBR Common Core)	48
University-Wide Freshman Seminar Requirement	1
Lower Division General Education Requirements	
ENGL 1010 English Composition I	3
ENGL 1020 English Composition II	3
ENGL 2030 World Literature	3
Humanities (six hours must be combined from two different disciplines)	
COMM 1010 Fundamentals of Public Speaking	3
HIST 2010 American History I	3
HIST 2020 American History II	3
Lower Division Major Prerequisite Requirements	
BIOL 2010/2011 Human Anatomy and Physiology I (and lab)	4
BIOL 2020/2021 Human Anatomy and Physiology II (and lab)	4
BIOL 2300/2301 Principles of Microbiology (and lab)	4
PSY 1010 General Psychology	3
PSY 3100 Developmental Psychology	3
SOC 2010 Introduction to Sociology	3
Math 1530 Elements of Statistics	3
Upper Division Major Requirements (B.S.N.)	
NURS 2010 Concepts of Professional Nursing	3
NURS 2020, 2021 Nursing Assessment	3,1
NURS 2030, 2031 Introduction to Nursing	4,4
NURS 2040 Introduction to Pharmacology	1
NURS 3020 Psychopharmacology	2
NURS 3050 Nursing Informatics	1
NURS 3060, 3061 Psychiatric and Mental Health Nursing	4,4
NURS 3070, 3071 Adult Health I Nursing	4,4
NURS 3080 Life-Span Pharmacology	3
NURS 3210 Introduction to Nursing Research	3
NURS 4040, 4041 Maternal Child Nursing	4,4
NURS 4050, 4051 Community and Public Health Nursing	3,3

College of Behavioral and Health Sciences 139

NURS 4060, 4061	Adult Health II Nursing	4,4
NURS 4070, 4071	Leadership and Management of Professional Nursing	3,3
NURS 4080	Trends and Issues of Professional Nursing	2
NURS 4100	Clinical Integration II	1

Upper Division Major Requirements for R.N.-B.S.N.

NURS 3010	Concepts of Professional Nursing for Registered Nurses	3
NURS 3120, 3121	Nursing Assessment	3,1
NURS 3150	Nursing Informatics	1
NURS 3180	Pharmacology for Nursing	2
NURS 3210	Introduction to Nursing Research	3
NURS 4050, 4051	Community and Public Health Nursing	3,3
NURS 4070, 4071	Leadership and Management of Professional Nursing	3,3
NURS 4080	Trends and Issues of Professional Nursing	2
NURS 4120	Clinical Integration for BSN Completion Track	3

Department of Health and Human Performance

College of Behavioral and Health Sciences

Location: Dunn Center, 268

Phone: 931-221-6111

Website: www.apsu.edu/hhp/

HEALTH AND HUMAN PERFORMANCE (B.S.)

The Department of Health and Human Performance offers majors in Health and in Health and Human Performance. Specializations are offered in health, health-care management, wellness promotion, K-12 health and physical education licensure and human performance non-teaching. A minor is available in Health, in Physical Education, in Health Sciences and in coaching.

All students completing a major in Health and Human Performance must take the University Senior Exit Exam and the HHP Senior Exit Exam during the last semester of study at the University.

*HEALTH MAJOR – DISTRIBUTIVE:

Wellness Promotion Specialization

The wellness promotion specialization provides students the opportunity to prepare for fitness positions in hospitals, retirement centers, corporate wellness centers, YMCA settings, community recreation programs, and private fitness centers.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Specific General Education Requirements	7
BIOL 2010/2011 Human Anatomy and Physiology	4
HHP 1250 Wellness Concepts and Practices	3

* Pending regulatory approval

140 College of Behavioral and Health Sciences

Lower Division Major Requirements **15**

ACCT 2010	Principles of Accounting	3
HHP 2000	First Aid, CPR, and Safety	3
HHP 2010	Technology Applications	3
HHP 2050	Community and Environmental Health	3
PHED 1190	Aerobic Dance	1
PHED 1210	Weight Training	1
PHED 1310	Physical Fitness	1

Upper Division Major Requirements **54**

HHP 3000	Health Care Management	3
HHP 3030	Nutrition–Science and Application	3
HHP 3300	Anatomical Kinesiology	3
HHP 4000	Introduction to Gerontology	3
HHP 4050	Current Concepts in Wellness Promotion	3
HHP 4060	Consumer Health	3
HHP 4070	Introduction to Disease	3
HHP 4150	Fitness Assessment and Exercise Prescription	3
HHP 4210	Measurement and Evaluation of Physical Education	3
HHP 4220	Analysis of Movement	3
HHP 4250	Physiology of Exercise	3
HHP 4300	Introduction to Stress Management	3
HHP 4990	Internship in Health and Human Performance	12
MKT 3010	Principles of Marketing	3
PHIL 2300	Medical Ethics	3

Electives **9**

Any courses in the University curriculum

HEALTH AND HUMAN PERFORMANCE –TEACHING LICENSURE GRADES K-12

The health and human performance licensure major provides students the opportunity to prepare for teaching health and physical education and/or coaching in grades K-12. The program meets all Tennessee and NCATE guidelines.

General Education (see TBR Common Core)	Credit Hours
	41
University-Wide Freshman Seminar Requirement	1

Specific General Education Requirements **7**

BIOL 2010/2011	Human Anatomy and Physiology	4
HHP 1250	Wellness Concepts and Practices	3

Lower Division Major Requirements **15**

HHP 2010	Technology Applications	3
HHP 2030	Youth and Adolescent Health	3
HHP 2050	Community and Environmental Health	3
HHP 2120	Rhythmic Movement and Education Gymnastics	3
HHP 2240	Introduction to Physical Education	3

Upper Division Major Requirements	36
HHP 3010 Adapted Physical Education	3
HHP 3030 Nutrition–Science and Application	3
HHP 3110 Substance Use and Abuse	3
HHP 3150 Teaching Individual, Dual, and Team Sport	3
HHP 3210 Methods and Materials in Phys. Ed. Elem. Students	3
HHP 3400 Comp. and Coordinated School Health Program	3
HHP 4060 Consumer Health	3
HHP 4210 Measurement and Evaluation of Physical Education	3
HHP 4220 Analysis of Movement	3
HHP 4240 Introduction to Motor Learning	3
HHP 4250 Physiology of Exercise	3
HHP 4400 Teaching HHP	3

Electives

Any courses in the University curriculum	2
--	---

**Credit Hours
23**

**PROFESSIONAL EDUCATION MINOR
Required for licensure in all endorsement areas:
K-6, 4-8, 7-12, and K-12**

Successful completion of this minor, successful completion of Clinical Practice (with seminar), and Tennessee-mandated licensure examinations leads to teaching licensure for grades K-6, 4-8, 5-8, 7-12, and K-12. Testing requirements, electronic portfolio development, and other prerequisites for provisional admission and full admission to Teacher Education will require consultation with an education advisor. For students not seeking licensure but a minor in Professional Education, contact the School of Education Director.

EDUC 2100 Foundations of Education	2
EDUC 3040 Instructional Technology	3
EDUC 3070 Instructional Strategies	3
EDUC 4080 Classroom Management	3
EDUC 4160 Teaching Diverse Students	3
EDUC 4270 Evaluation and Assessment	3
PSY 3130 Introduction to Educational Psychology	3
SPED 3000 Introduction to Special Education	3
HHP 2010, 4210 <i>Substitute for EDUC 3040, 4270 respectively</i>	

Additional Certification Requirements for Student Teaching 12

All students seeking certification are required to complete 12 hours of student teaching at the appropriate level.

EDUC 4410 Student Teaching: Grades K-3	5
EDUC 4510 Student Teaching: Grades 4-6	5
EDUC 4610 Student Teaching: Grades 7-8	5
EDUC 4710 Student Teaching: Grades 9-12	5
EDUC 4950 Teaching Seminar	2

HEALTH CARE MANAGEMENT CONCENTRATION – DISTRIBUTIVE MAJOR

The interdisciplinary health care management concentration provides students the opportunity to prepare for employment as a manager in a variety of health and human service organization settings both in the private and public sectors, including medical centers

142 College of Behavioral and Health Sciences

and systems; health departments at the local, regional, and state levels; home health-care agencies; health maintenance organizations; and insurance companies, hospitals, surgical care centers, assisted living centers, nursing homes, physician group practices, and volunteer organizations.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Specific General Education Requirements	7
BIOL 1010/1011 Principles of Life or Human Anatomy and Physiology	4
or BIOL 2010/2011 Human Anatomy and Physiology	
HHP 1250 Wellness Concepts and Practices	3
Lower Division Major Requirements	18
ACCT 2010 Principles of Accounting	3
HHP 2000 First Aid, CPR, and Safety	3
HHP 2010 Technology Applications	3
HHP 2050 Community and Environmental Health	3
PSY 2010 Statistics for the Behavioral Science	3
PHIL 2300 Medical Ethics	3
Upper Division Major Requirements	48
HHP 3000 Health Care Management	3
HHP 3030 Nutrition–Science and Application	3
HHP 4000 Introduction to Gerontology	3
HHP 4060 Consumer Health	3
HHP 4070 Introduction to Disease	3
HHP 4500 Epidemiology	3
HHP 4600 Public Health Law	3
HHP 4990 Internship in Health and Human Performance	12
MGT 3210 Human Resource Management	3
MKT 3010 Principles of Marketing	3
PSY 4060 Group Dynamics	3
PSY 4500 Psychology Applied to Work	3
SOC 3700 Medical Sociology	3
Electives	12
Any courses in the University curriculum	

HEALTH MAJOR

Health Specialization

The health specialization provides students the opportunity to prepare for entry level health educator or health facilitator positions in hospital settings, state, regional, or local health departments, home health-care agencies, health maintenance organizations, nursing homes, surgical care centers, insurance companies, physician groups, and voluntary health agencies. A minor is required.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1

* Pending regulatory approval

College of Behavioral and Health Sciences 143

Specific General Education Requirements	7
BIOL 1010/1011 Principles of Life	
or BIOL 2010/2011 or Human Anatomy and Physiology	
HHP 1250 Wellness Concepts and Practices	3
Lower Division Major Requirements	9
HHP 2000 First Aid, CPR, and Safety	3
HHP 2030 Youth and Adolescent Health	3
HHP 2050 Community and Environmental Health	3
Upper Division Major Requirements	30
HHP 3030 Nutrition–Science and Application	3
HHP 4000 Introduction to Gerontology	3
HHP 4060 Consumer Health	3
HHP 4070 Introduction to Disease	3
HHP 4300 Introduction to Stress Management	3
HHP 4500 Epidemiology	3
HHP 4990 Internship in Health and Human Performance	12
Electives	21
Any courses in the University curriculum	
Minor	18

HEALTH AND HUMAN PERFORMANCE MAJOR – NON TEACHING

The health and human performance non-licensure major provides students the opportunity to prepare for positions in recreational settings such as local and state parks, recreation centers, athletic clubs, military associated recreational positions, YMCA settings, and selected private schools. A minor is required.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Specific General Education Requirements	
BIOL 2010/2011 Human Anatomy and Physiology	4
HHP 1250 Wellness Concepts and Practices	3
Lower Division Major Requirements	15
HHP 2000 First Aid, CPR, and Safety	3
HHP 2010 Technology Applications	3
HHP 2030 Youth and Adolescent Health	3
HHP 2120 Rhythmic Movement and Educational Gymnastics	3
HHP 2240 Introduction to Physical Education	3
Upper Division Major Requirements	42
HHP 3010 Adapted Physical Education	3
HHP 3030 Nutrition–Science and Application	3
HHP 3110 Substance Use and Abuse	3
HHP 3150 Teaching Individual, Dual, and Team Sport	3
HHP 3190 Rhythms, Plays, and Games	3
HHP 4040 Sport Psychology	3

144 College of Behavioral and Health Sciences

HHP 4210	Measurement and Evaluation of Physical Education	3
HHP 4220	Analysis of Movement	3
HHP 4240	Introduction to Motor Learning	3
HHP 4250	Physiology of Exercise	3
HHP 4990	Internship in Health and Human Performance	12

Electives **3**

Any courses in the University curriculum

Minor **18**

PHYSICAL EDUCATION MINOR

The physical education minor provides students who have selected a major within or outside the department the opportunity to complement their primary area of study.

Specific Requirements for this minor		Credit Hours
		18
HHP 2120	Rhythmic Movement and Education Gymnastics	3
HHP 2240	Introduction to Physical Education	3
HHP 3150	Teaching Individual, Dual, and Team Sport	3
HHP 4040	Sport Psychology	3
<i>Select two from:</i>		
HHP 1250	Wellness Concepts and Practices	3
HHP 2000	First Aid, CPR, and Safety	3
HHP 3010	Adapted Physical Education	3
HHP 3190	Rhythms, Plays, and Games	3
HHP 3300	Anatomical Kinesiology	3
HHP 4210	Measurement and Evaluation of Physical Education	3
HHP 4240	Introduction to Motor Learning	3

HEALTH MINOR

The health minor provides students who have selected a major within or outside the department the opportunity to complement their primary area of study.

Specific Requirements for this minor		Credit Hours
		18
HHP 1250	Wellness Concepts and Practices	3
HHP 2050	Community and Environmental Health	3
HHP 4060	Consumer Health	3
<i>Select three from:</i>		
HHP 2000	First Aid, CPR, and Safety	3
HHP 2030	Youth and Adolescent Health	3
HHP 3030	Nutrition–Science and Application	3
HHP 3110	Substance Use and Abuse	3
HHP 3190	Rhythms, Plays, and Games	3
HHP 3300	Anatomical Kinesiology	3
HHP 4000	Introduction to Gerontology	3
HHP 4030	Living, Dying, Grieving	3
HHP 4050	Current Concepts in Wellness Promotion	3
HHP 4070	Introduction to Disease	3
HHP 4080	Psychological Aspects of Human Sexuality	3

College of Behavioral and Health Sciences 145

HHP 4300	Introduction to Stress Management	3
HHP 4500	Epidemiology	3

HEALTH SCIENCE MINOR

The health science minor is designed for students who are interested in pre-physical therapy programs.

Specific Requirements for this minor		Credit Hours
		19
HHP 4040	Sport Psychology	3
HHP 4220	Analysis of Movement	3
HHP 4250	Physiology of Exercise	3
PHYS 2010/2011	College Physics	5
PHYS 2020/2021	College Physics	5

COACHING MINOR

The coaching minor is for students who have an interest in seeking community or public/private school coaching opportunities

Specific Requirements for this minor		Credit Hours
		18
HHP 2000	First Aid, CPR and Safety	3
HHP 3050	Coaching Strategies and Issues	3
HHP 4040	Sport Psychology	3
HHP 4220	Analysis of Movement	3
HHP 4240	Motor Learning	3
PSY 4060	Group Dynamics	3

International Studies Minor

College of Behavioral and Health Sciences

Location: Clement, 150

Phone: 931-221-6424

Website: www.apsu.edu/internationaled/ism.aspx

The minor is designed to enable students to be better prepared for positions with government, business, or industry with international connections. It strives to develop foreign language skills, helps to provide opportunities for students to study abroad, and seeks to promote international understanding.

	Credit Hours
University-Wide Freshman Seminar Requirements	1
Additional Minor Requirements	3-6

FOREIGN EXPERIENCE

Three to six semester hours of study abroad are required for the international studies minor. These hours are applied to study taken outside the United States and must receive

146 College of Behavioral and Health Sciences

prior approval as a part of the minor by the coordinator of the International Studies program. Examples follow:

Study Abroad in German Speaking Countries		6-8
GERM 3040	Study Abroad in German Speaking Countries	6-8
Cooperative Center for Study Abroad: CCSA		3-6
CCSA courses	Courses are offered in English speaking countries: e.g., England, Scotland, Ireland, Australia, etc.	
Study Abroad in Germany and France		3-6
HIST 4910	History Abroad	3-6
Study Abroad in Greece		7
GRK 1110	Elementary Modern Greek	4
GRK 3400	Greek Art and Archaeology	3
Study Abroad in Quebec, Canada		6-8
FREN 3040	Study Abroad in Quebec	6-8
Study Abroad in Spain		12-16
SPAN 3040	Study Abroad Program in Spanish	6-8
SPAN 304B	Study Abroad–Spain	6-8
Exchange Program with the Université d'Orléans, France		12
FREN 3050	Semester Study in France	12
Exchange Program with Mid-Sweden University, Sweden		12-18
Semester study at Mid-Sweden University. Courses are taught in English and Swedish.		
Lower Division Minor Requirement		3
INTS 2000	Introduction to International Studies Minor	3
or		
POLS 2070	International Politics	3
CONCENTRATION: MAJOR AREA		15
<i>Select five courses from a minimum of three different disciplines:</i>		
AAST 3000	African Women Across Cultures	3
COMM 309A	International Communication: Broadcast Media	3
COMM 309B	International Communication: Corporate Communication	3
COMM 309C	International Communication: Print and Web Journalism	3
COMM 309D	International Communication: Media Technologies	3
COMM 309E	International Communication: Public Relations	3
ECON 4410	Evolution of Economic Thought	3
ECON 4610	International Economics	3
FIN 3510	International Finance	3
FREN 3220	Phonetic and Conversation in French	3
FREN 3320	French Civilization	3
FREN 3330	Quebec Literature and Culture	3

College of Behavioral and Health Sciences 147

FREN 3410	Business French	3
GEOG 1020	Geography of Europe, the Americas, and Australia	3
GEOG 1030	Geography of Africa, Asia, and Oceania	3
GEOG 3110	Geography of the United States and Canada	3
GEOG 3750	Geography of the African World	3
GERM 3220	Phonetics and Conversation in German	3
GERM 3410	Business German	3
GERM 3520	German Civilization, Culture, Geography II	3
HIST 3360	Modern Europe, 1919-present	3
HIST 3410	Modern Germany	3
HIST 3450	Africa Since 1800	3
HIST 3470	Modern Latin America	3
HIST 3520	A History of Modern China	3
HIST 3620	Modern Japan	3
HIST 3760	A History of the Modern Middle East	3
HIST 3820	A History of Modern Korea	3
HIST 4730	U.S. Foreign Relations Since 1890	3
MGT 4110	International Management	3
MKT 3410	International Marketing	3
MUS 2030	World Music	3
PHIL 2200	Religion and the World	3
PHIL 380A	Composite World Religions	3
PHIL 380B	Islam as a Worldview	3
POLS 2070	International Politics	3
POLS 3010	Comparative Politics	3
POLS 3020	American Foreign Policy	3
POLS 3070	Theories of International Relations	3
POLS 3110	British Politics and Government	3
POLS 3120	European Politics	3
POLS 3140	Latin American Politics	3
POLS 3160	African Politics	3
POLS 4170	Power, Mortality, and International Relations	3
SOC 2500	Cultural Anthropology	3
SOC 3050	Race Relations and Minority Peoples	3
SOC 3070	Families Across Cultures	3
SOC 3750	Population and Society	3
SOC 3800	Women and Social Change	3
SPAN 3520	Spanish Civilization (I)	3
SPAN 3620	Spanish-American Civilization (II)	3
SPAN 3220	Phonetics and Conversation in Spanish	3
SPAN 3410	Business Spanish	3

Military Science and Leadership**College of Behavioral and Health Sciences**

Location: Memorial Health Building

Phone: 931-221-6156

Website: www.apsu.edu/rotc/**ARMY RESERVE OFFICER TRAINING CORPS (ROTC)**

The Senior ROTC Program at APSU is an elective set of courses resulting in a Military Science minor and commission as an Army officer. Enrollment in freshman or sophomore courses does not obligate the student in any way to military service. The program emphasizes instruction in the development of leadership skills and managerial abilities. It provides qualified men and women who desire to serve their country the opportunity to do so as officers in the United States Army, Army Reserve, or National Guard. Scholarships are available to include nursing students. All classes and leadership labs are offered at APSU.

PROGRAM INFORMATION

The ROTC program is divided into the Basic Course (freshman and sophomore years) and the Advanced Course (junior and senior years). There is no military obligation incurred for enrollment in the Basic Course. After completing the Basic Course, qualified students can enroll in the Advanced Course. Students can also qualify for the Advanced Course if they have completed basic training in any military branch or attended MSL 2030. Training, uniforms, and books are paid for through the ROTC program.

IN-COLLEGE SCHOLARSHIPS

Tuition scholarships are available to qualified students. Selection is based upon performance to date, SAT and ACT scores, extracurricular activities, and leadership potential. For more information about Army ROTC, contact the Military Science Department at 931-221-6156 or via <http://www.apsu.edu/rotc/>.

MILITARY SCIENCE CURRICULUM

		Credit Hours
Basic Course		
<i>Freshman Year</i>		
MSL 1010	Leadership and Management Skills I	2
MSL 1020	Leadership and Management Skills II	2
<i>Sophomore Year</i>		
MSL 2010	Introduction to Tactical Skills I	2
MSL 2020	Introduction to Tactical Skills II	2
Advanced Course		
<i>Junior Year</i>		
MSL 3010	Tactical Leadership I	3
MSL 3020	Tactical Leadership II	3
MSL 3040	Leadership Development and Assessment Course	4
<i>Senior Year</i>		
MSL 4010	Advanced Military Skills I	3
MSL 4020	Advanced Military Skills II	3

MILITARY SCIENCE AND LEADERSHIP MINORS

1. Four-Year Program: MSL 1010, 1020, 2010, 2020, 3010, 3020, 3040, 4010, 4020, and HIST 3370, 4510, 4530, 4700 or 4710
2. Two-Year Program for non-veterans: MSL 2030, 3010, 3020, 3040, 4010, 4020, and HIST 3370, 4510, 4530, 4700 or 4710
3. Two-Year Program for veterans: MSL 3010, 3020, 3040, 4010, 4020, and HIST 3370, 4510, 4530, 4700 or 4710

Department of Political Science

College of Behavioral and Health Sciences

Location: Clement, 143

Phone: 931-221-7515

Website: www.apsu.edu/polysci

POLITICAL SCIENCE (B.A., B.S.)

The Political Science program is designed for students who want to work in campaigns and government; teach government and history in high school; or who want a traditional liberal arts major which prepares them to think critically and enter a wide variety of business and other nongovernmental organizations. Our majors are also prepared for law school and graduate school. A minor is required. Courses cannot be counted in both the major and minor. A departmental exit exam is required the last semester before graduation.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
 Specific General Education Requirements	
Math 1530 is recommended, but not required.	
 Lower Division Major Requirements	
POLS 2010 American National Government	3
POLS 2040 Intro. to Public Policy	3
POLS 2070 International Politics	3
 Upper Division Major Requirements	
POLS 3000 Foundations of Political Theory	3
POLS 3760 Methods of Research	3
 Major Electives	
POLS 3010 Comparative Politics	3
POLS 3020 American Foreign Policy	3
POLS 3040 U.S. Defense Policy	3
POLS 3060 Terrorism and Counter-Terrorism	3
POLS 3070 Theories of International Relations	3
POLS 3090 United Nations	3
POLS 3110 British Politics and Government	3
POLS 3120 European Politics	3
POLS 3140 Latin American Politics	3

150 College of Behavioral and Health Sciences

POLS 3160	African Politics	3
POLS 3180	Middle East Politics	3
POLS 3190	Russian Politics and Government	3
POLS 3200	Politics and Government in China	3
POLS 3300	International Political Economy	3
POLS 4010	Contemporary Political Ideas	3
POLS 4020	The Politics of Contemporary African American Thought and Movements	3
POLS 4040	Women and Politics	3
POLS 4050	Health Care Policy in the United States	3
POLS 4070	Politics in the American States	3
POLS 4080	Urban Politics	3
POLS 4130	Political Parties and Interest Groups	3
POLS 4170	Power, Morality, and International Relations	3
POLS 4200	The American Presidency	3
POLS 4210	Legislative Process and Behavior	3
POLS 4220	Political Leadership	3
POLS 4300	Judicial Politics and Behavior	3
POLS 4310	American Constitutional Law I	3
POLS 4320	American Constitutional Law II	3
POLS 4330	Women and the Law	3
POLS 4340	Family Law	3
POLS 4360	Legal Mediation and Alternative Dispute Resolution	3
POLS 4370	Juvenile Law	3
POLS 4380	Constitutional Analysis	3
POLS 4400	Politics and Mass Media	3
POLS 4510	Communication and Public Opinion	3
POLS 451ABC	Selected Topics in Political Science	3

Professional Courses

These courses are offered for the advanced political science major and are available with permission of the instructor. POLS 4540, 455ABC do not count toward the major.

POLS 453ABC	Problems in Political Science	3
POLS 4540	Legislative Internship Program	15
POLS 455ABC	Government Internship	3/6/9

POLITICAL SCIENCE MINOR **18**

POLS 2010	American National Government	3
POLS 2040	Intro. to Public Policy	3
POLS 2070	International Politics	3

Electives

Select upper division courses excluding 453 A,B,C, and above 9

LEGAL STUDIES CONCENTRATION

This concentration is recommended for students who wish to have careers as paralegals.

Political Science Major with Legal Studies Concentration		Credit Hours
		51
POLS 1000	Introduction to Legal Assistance and Ethics	3

College of Behavioral and Health Sciences 151

POLS 1002	Introduction to Law	3
POLS 1004	Torts	3
POLS 1005	Legal Research	3
POLS 1006	Legal Writing	3
POLS 1008	Civil Trial and Appellate Practice	3
POLS 2010	American National Government	3
POLS 2040	Introduction to Public Policy	3
POL 2070	International Politics	3
POLS 3000	Foundations of Political Theory	3
POLS 3760	Methods of Research	3
POLS 4310 or 4380	American Constitutional Law I or Constitutional Analysis	3 each
POLS 4320	American Constitutional Law II or Judicial Politics and Behavior	
or 4300 or 4370	or Juvenile Law	3 each
POLS 4340	Family Law	3

Select 9 additional upper division hours, excluding POLS 4540 and above except by permission of the chair. No minor is required. A departmental exit exam is taken during the last semester before graduation.

Credit Hours

POLITICAL SCIENCE TEACHING LICENSURE **62**

POLS 2010	American National Government	3
POLS 2040	Introduction to Public Policy	3
POLS 2070	International Politics	3

Seven Upper Division POLS Electives **21**

ECON 2010	Principles of Macroeconomics	3
GEOG 1020	Geography of Europe, the Americas, and Australia	3
HIST 1210	World History I	3
HIST 1220	World History II	3
HIST 4400	Teaching Social Studies in the Secondary Schools	3
Two upper division history courses		6

PROFESSIONAL EDUCATION MINOR **23**

Student Teaching	12
------------------	----

Credit Hours

INTERNATIONAL RELATIONS MINOR **18**

POLS 2070	International Politics	3
POLS 3070	Theories of International Relations	3
POLS 4170	Power, Morality, and International Relations	3

Select three from:

POLS 3010	Comparative Politics	3
POLS 3020	American Foreign Policy	3
POLS 3040	U.S. Defense Policy	3
POLS 3110	British Politics and Government	3
POLS 3120	European Politics	3
POLS 3140	Latin American Politics	3
POLS 3160	African Politics	3

152 College of Behavioral and Health Sciences

POLS 3190	Russian Government and Politics	3
POLS 3200	Politics and Government in China	3
MGT 4110	International Management	3
ECON 4610	International Economics	3

POLS majors must take an additional course since POLS 2070 counts towards the major.

LATIN AMERICAN STUDIES MINOR

See page 108.

PreLaw

Department of Political Science College of Behavioral and Health Sciences

Location: Clement, 143

Phone: 931-221-7515

Website: www.apsu.edu/polysci

Advisors guide the student to meet the minimum requirements for admission to a professional law program. The student may elect to complete the requirements for the degree of Bachelor of Business Administration, Bachelor of Science, or the degree of Bachelor of Arts in preparation for applying for admission to a school of law. In meeting these requirements, students are referred to the core requirements for the B.B.A., B.S., or B.A. degree and the restrictions of the major and minor they elect. Students interested in attending law school are able to follow any one of the following routes:

1. Any major and minor with a pre-law studies pathway (political science major encouraged; see Dr. Gordon)
2. A political science major with a Legal Studies concentration (the emphasis; however, is on paralegal training.)
3. Any major

Department of Psychology

College of Behavioral and Health Sciences

Location: Clement, 205

Phone: 931-221-7233

Website: www.apsu.edu/psychology

PSYCHOLOGY (B.A., B.S.)

The objective of the program is to provide the student with a firm foundation in basic psychological science. This includes knowledge of basic content areas, as well as the skills fundamental to all areas of psychology. The Psychology Department has adopted the APA undergraduate psychology major learning goals and outcomes which cover:

- Knowledge base of psychology;
- Research methods in psychology;
- Critical thinking skills in psychology;

- Application of psychology;
- Values in psychology;
- Information and technological literacy;
- Communication skills;
- Sociocultural and international awareness;
- Personal development;
- Career planning and development.

A student completing the major in psychology should be able to

- Conduct a search of psychological literature;
- Read and understand journal articles;
- Evaluate hypotheses or theories on the basis of empirical data;
- Design and conduct a research study; and
- Write a paper following APA style.

Psychology majors may access a tentative two-year schedule at www.apsu.edu/psychology/undergrad.aspx. This list represents the courses as the department hopes to offer them and is provided to help students with long-term planning. Psychology majors are required to meet with their advisors during pre-registration to ensure on-course tracking and successful fulfillment of graduation requirements.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1

MAJOR (41 Credit Hours)

(Only 8 hours which count toward another major can be used for the Psychology major.)

Major Requirements (8 required courses)	26
PSY 1010 General Psychology	3
PSY 2010 Statistics for the Behavioral Sciences	3
PSY 3010 or 3040 Learning and Motivation or Cognitive Process	4
PSY 3020 or 3030 Physiological Psychology or Sensory Processes	4
PSY 3100 Developmental Psychology	3
PSY 3180 Research Methods	3
PSY 3330 Social Psychology	3
PSY 4350 or 4360 Psychology of Personality* or Abnormal Psychology	3
Major Electives (take any 5 electives)	15
PSY 2210 Human Interaction	3
PSY 3010* Learning and Motivation	4
PSY 3020* Physiological Psychology	4
PSY 3030* Sensory Processes	4
PSY 3040* Cognitive Processes	4
PSY 3050 Career Development in Psychology	3
PSY 3110 Child Development	3
PSY 3120 Adult Development	3
PSY 3130 Introduction to Educational Psychology	3
PSY 3200 Adolescent Development	3
PSY 3210 Psychology of Women	3

154 College of Behavioral and Health Sciences

PSY 3230	African-American Psychology	3
PSY 3290	Introduction to Psychological Measurements	3
PSY 4370	Introduction to Clinical Psychology	3
PSY 3340	Health Psychology	3
PSY 3500	Consumer Psychology	3
PSY 4000	History and Systems	3
PSY 4010	Death, Dying, and Bereavement	3
PSY 4020	Forensic Psychology	3
PSY 4050	Applied Psychopharmacology	3
PSY 4060	Group Dynamics	3
PSY 4120	Human Factors	3
PSY 4140	Learning and Behavioral Disorders	3
PSY 4150	Behavior Modification	3
PSY 4350*	Psychology of Personality	3
PSY 4360*	Abnormal Psychology	3
PSY 4370	Introduction to Clinical Psychology	3
PSY 4380	Military Psychology	3
PSY 4444	Cross-Cultural Psychology	3
PSY 4500	Psychology Applied to Work	3
PSY 4610	Special Topics	3
<i>(Only 6 hours of PSY 4641, 4642, and 4643 may be taken and only 3 hours can count toward the Psychology electives)</i>		
PSY 4641	Research Experience	1
PSY 4642	Research Experience	2
PSY 4643	Research Experience	3
PSY 4840	Honors: Research	3
PSY 4850	Honors: Field Experience	3

*Can serve as an elective if not fulfilling Psychology core requirement.

MINOR

Credit Hours
18

PSY 1010	3
Electives	15

Twelve hours must be completed from 3000-4999 level courses. No more than eight hours which count toward another major can be used for a minor in Psychology.

Department of Social Work

College of Behavioral and Health Sciences

Location: Clement Building, Room 140

Phone: 931-221-7730

Website: www.apsu.edu/socialwork

SOCIAL WORK (B.S.)

Upon graduation, students majoring in Social Work are prepared to assume professional positions at a host of agencies such as hospitals, hospice programs, home health agencies,

College of Behavioral and Health Sciences 155

community mental health centers, social service departments, youth programs, community service agencies, department of Children's Services, and department of Human Services.

Accreditation: The Social Work Program at Austin Peay is fully accredited by the Council on Social Work Education.

Additional Admission Requirements: Overall cumulative GPA of 2.0 is required for admission to the Social Work Program. SW 2110, 3410, 3420 and admission to the Social Work program are prerequisites for enrolling in the Social Work practice courses effective Fall 2009 semester. After admission all social work students are required to maintain a 2.0 GPA in the major and earn at least a C grade in social work practice courses (SW 3400, SW 3620, SW 3630, SW 4411, and SW 4720).

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Specific General Education Requirements for this major	10
PSY 1010 General Psychology	3
SOC 2010 Introduction to Sociology	3
BIOL 1040 Human Biology Lecture	3
BIOL 1041 Human Biology Lab	1
Lower Division Major Requirements	3
SW 2110 Introduction to Social Work	3
Upper Division Major Requirements	46
SW 3400 Generalist Social Work Practice	3
SW 3410 Values, Ethics and Diversity	3
SW 3420 Human Behavior in the Social Environment	3
SW 3450 Human Behavior in the Macro Environment	3
SW 3620 Micro Social Work Practice	3
SW 3630 Macro Social Work Practice	3
SW 3770 Research Methods	3
SW 4400 Seminar for Field Instruction	1
SW 4410 Field Instruction	12
SW 4411 Field Instruction Concurrent Seminar	3
SW 4430 Social Policy	3
SW 4440 Law and Social Work	3
SW 4720 Senior Seminar	3
Major Electives	9
SW 3430 Elements of Rural Practice	3
SW 3440 Crisis Intervention	3
SW 3460 Community Mental Health: Policy and Practice	3
SW 3470 Techniques of Social Work for Groups	3
SW 3480 Living with HIV	3
SW 3490 Social Work and Aging	3
SW 3495 Social Work and Addictions	3
SW 3500 Youth Gangs and Juvenile Delinquency	3

156 College of Behavioral and Health Sciences

SW 3550	Medical Social Work	3
SW 3680	Child Welfare	3
SW 3700	Child Welfare II	3
SW 3710	School Social Work	3
SW 4020	Human Sexuality	3
SW 4030	Child and Adolescent Mental Health	3
SW 4035	Social Work with Children and Families	3
SW 4040	Social Work and Family Violence	3
SW 4045	Spirituality and Social Work	3
SW 4900	Selected Topics in Social Work	3
SW 499A,B,C	Directed Individual Study	1,2,3

Department of Sociology

College of Behavioral and Health Sciences

Location: Clement, 143

Phone: 931-221-7515

Website: www.apsu.edu/sociology

SOCIOLOGY (B.S.)

Sociology is the study of society in all of its forms from individual to large organizations. The sociology major emphasizes the theoretical and applied aspects of the field of sociology. Applied Sociology is the use of sociological theory and methods to analyze and solve personal, social, structural, and societal problems and issues that exist in our everyday social world. Students majoring in sociology and graduating with a B.A. or B.S. will be able to apply their sociological perspective to a wide variety of jobs in such sectors as business, the health professions, the criminal justice system, social services, and government. Since the discipline involves investigative skills and working with diverse groups, sociology offers valuable preparation for careers in journalism, education, politics, public relations, business, or public administration. As a strong liberal arts major, sociology provides preparation for future graduate work in the discipline ranging from the M.A. to PH.D. in order to become a professor, researcher, or applied sociologist. A minor is required. Courses cannot be counted in both the major and minor. A departmental exit exam is required the last semester before graduation.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Lower Division Major Requirements	3
SOC 2010 Introduction to Sociology	3
Upper Division Major Requirements	12
SOC 3760 Introduction to Social Research	3
SOC 3770 Social Statistics	3
SOC 4000 Sociological Theory	3
SOC 4910 Senior Seminar	3

Major Electives		18
SOC 2050	Social Problems	3
SOC 2500	Cultural Anthropology	3
SOC 3010	Marriage and the Family	3
SOC 3040	Urban Society	3
SOC 3050	Race Relations and Minority Peoples	3
SOC 3060	Contemporary Issues in the Family	3
SOC 3070	Families Across Cultures	3
SOC 3080	Gender and Society	3
SOC 3090	Sociology of Education	3
SOC 3100	Popular Culture	3
SOC 3140	Sociology of Deviant Behavior	3
SOC 3150	Social Psychology of Everyday Life	3
SOC 3200	Crime and Delinquency	3
SOC 3300	Social Inequality	3
SOC 3400	Sociology of Religion	3
SOC 3500	Sport and Society	3
SOC 3600	Sociology of Later Maturity and Old Age	3
SOC 3700	Medical Sociology	3
SOC 3750	Population and Society	3
SOC 3810	Collective Behavior and Social Movements	3
SOC 4300	Behavior in Organizations	3
SOC 4400	Environmental Sociology	3
SOC 4410	Environmental Policy	3
SOC 4420	Environmental Justice	3
SOC 4900	Selected Topics in Society	3
SOC 499A,B,C	Directed Individual Study	1,2,3

SOCIOLOGY MINOR

Credit Hours

18

SOC 2010	Introduction to Sociology	3
SOC 2050	Social Problems	3
SOC 4000	Sociological Theory	3

Electives (Sociology Electives)

9

ENVIRONMENTAL STUDIES MINOR

Credit Hours

18

SOC 4400	Environmental Sociology	3
SOC 4410	Environmental Policy	3
SOC 4420	Environmental Justice	3

Select three from:

SOC 3700	Medical Sociology	3
SOC 3040	Urban Sociology	3
BIO 4080	General Ecology	4
GEOG 3250	Geographic Information Systems II	4
GEOG 3950	Population and the Environment	3
GEOG 4000	Environmental Management	3
GEOL 3030	Environmental Geology	4
AGRI 3000	Conservation	3

158 College of Behavioral and Health Sciences

PHIL 2310	Environmental Ethics	3
POLS 2040	Introduction to Public Policy	3

FAMILY STUDIES MINOR

Credit Hours
18

SOC 3010	Marriage and the Family	3
SOC 3060	Contemporary Issues in the Family	3
SOC 3070	Families Across Cultures	3
<i>Select three from:</i>		
HHP 4030**	Living, Dying, Grieving	3
HHP 4080*	Psychological Aspects of Human Sexuality	3
SOC 3080	Gender and Society	3
SOC 3600	Sociology of Later Maturity and Old Age	3
PSY 4010**	Death, Dying, and Bereavement	3
SW 4020*	Human Sexuality	3

* Choose only one of the two choices listed.

** Choose only one of the two choices listed.

ASIAN STUDIES MINOR (18 HOURS)

See page 106.

College of Business

Location: Kimbrough, 104
 Phone: 931-221-7674
 e-mail: ruppw@apsu.edu
 Website: www.apsu.edu/business

DEPARTMENT	MAJOR	CONCENTRATIONS	DEGREE OFFERED
Accounting.....	Business	Accounting.....	B.B.A.
Economics, and Finance		Economics	B.B.A.
		Finance.....	B.B.A.
Management,	Business	General Business.....	B.B.A.
Marketing, and General Business		International Management	B.B.A.
		Management	B.B.A.
		Marketing.....	B.B.A.

College of Business

College of Business

Location: Kimbrough, 104

Phone: 931-221-7674

Website: www.apsu.edu/business

VISION

Our vision is to be recognized as the best College of Business in our region. We will assume a position of innovative leadership within the University through contributing to its continued success and growth.

MISSION

To promote the continuous development of a learning environment, through excellent teaching and faculty research, which challenges students to push beyond the textbook, explore the limits of their capabilities and discover their individual passion.

STRATEGIC PROFILE

The College of Business has a curriculum intended to capitalize on students' firm grounding in liberal arts, as well as to establish a thorough understanding of the relationship between theory and practice within the business discipline. Programs of study are regularly reviewed in concert with a variety of constituents to explore the appropriateness and feasibility of new offerings. The research emphasis is primarily applied and instructional. Such efforts are expected to influence teaching. The College's commitment to service includes contributions to the disciplines, the University, and the community, and offering additional opportunities for enhanced instruction and applied research.

THE BACHELOR OF BUSINESS ADMINISTRATION

The College of Business offers the Bachelor of Business Administration (B.B.A.) with concentrations in accounting, economics, finance, general business, international management, management, and marketing. Minors are recommended, but not required of business majors.

CONCENTRATIONS:

The B.B.A. CONCENTRATIONS (18-27 hours)

Accounting	(27 hours)
Economics	(18 hours)
Finance	(24 hours)
General Business	(21 hours)
International Management	(21 hours)
Management	(21 hours)
Marketing	(21 hours)

BUSINESS (B.B.A.)**ADMISSION REQUIREMENTS**

Students majoring in business will receive the Bachelor of Business Administration degree.

The admission requirements for the freshman and sophomore level (1000–2999) courses are the same as the University admission requirements. Freshmen students are assigned a business advisor.

Before enrolling in junior and senior (3000–4999) business courses, business majors must have earned junior standing (60 hours) with a minimum cumulative GPA of 2.1 and have completed ENGL 1010, 1020, MATH 1530, ACCT 2010, 2020, and ECON 2010, 2020. Any exception to these requirements must be approved by the Dean of the College of Business. Students seeking exceptions must have their advisor's approval before submitting the request to the Dean. Transfer students must first meet with their advisor in business for a review of their transcript. Transfer credit from community or technical colleges and the associate degree programs at Fort Campbell is limited to the lower division courses. Selected business courses taken at the lower level, which are taught at the upper level at APSU, may be counted for upper level courses by passing a validation exam. For information on the validation exams, contact the Dean. Substitution of a lower division course for an upper division course does not waive the required upper division hours.

Students enrolled in the B.B.A. program who plan to take courses at the APSU Center @ Fort Campbell or at another institution for transfer credit to APSU must secure prior written approval from the College of Business and the Registrar on the Course Approval Form. These and all other forms for advising and registration, course substitution, or change in major may be obtained at the College of Business office, Kimbrough 104.

Non-business majors or students with a business minor must meet the specific course prerequisites which include junior standing (60 hours) for all 3000–4999 level business courses and may earn no more than 32 hours of credit offered by the College of Business. Students taking more than 32 hours must meet the upper division admission requirements of the B.B.A. program.

Students majoring in business will receive the Bachelor of Business Administration degree. Admission requirements for the B.B.A. program are listed on this page.

- Minimum 51 hours of coursework must be taken outside the College of Business;
- Minimum 39 upper division hours;
- Minimum 2.0 GPA in the following: cumulative GPA courses taken at APSU, courses in major, and courses in minor; and
- The ETS Field Test in Business taken during the last semester of the senior year.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirements	1
Specific College of Business Core Requirements	9
MATH 1530 Elements of Statistics	3
ECON 2010 Principles of Macroeconomics	3
COMM 1010 Fundamentals of Public Speaking	3

162 College of Business

Lower Division Major Requirements **9**

ACCT 2010	Principles of Accounting I	3
ACCT 2020	Principles of Accounting II	3
ECON 2020	Principles of Microeconomics	3

Upper Division Major Requirements **30**

BLAW 3300	Social, Legal, Political Environment of Business	3
DSCI 3410	Production Operations Management	3
DSCI 4500	Business and Economic Forecasting	3
FIN 3010	Principles of Finance	3
MGT 3010	Principles of Management and Organizational Behavior	3
MGT 4810	Strategic Management	3
MKT 3010	Principles of Marketing	3
MIS 4100	Management Information Systems	3
QM 3110	Statistics for Business and Economics	3

Select one from:

ACCT 3510	International Accounting	3
ECON 4610	International Economics	3
FIN 3510	International Finance	3
MGT 4110	International Management	3
MKT 3410	International Marketing	3

Electives **12-21**

Accounting	(12 hours)
Economics	(21 hours)
Finance	(15 hours)
General Business	(18 hours)
International Management	(18 hours)
Management	(18 hours)
Marketing	(18 hours)

Department of Accounting, Economics and Finance

College of Business

Location: Kimbrough, 128

Phone: 931-221-1283

Website: www.apsu.edu/business/

The Department of Accounting, Economics, and Finance offers the Bachelor of Business Administration (B.B.A.) with concentrations in accounting, economics, and finance. Minors are recommended but not required of business majors.

ACCOUNTING CONCENTRATION

The concentration in accounting is recommended for the student who is interested in a career as an auditor, tax accountant, cost or management accountant, or government/not for profit accountant. The accounting concentration is also of value to those who are interested in entering other fields of business, such as banking, office management, finance, and

budgets and planning. No minor is required for the student completing this concentration.

Admission Requirements

Accounting Concentration Requirements (120 Hours)

Students must earn 150 hours of college credit before taking the CPA Exam in Tennessee.

Students are encouraged to take 30 hours in Master of Science with a concentration in management to satisfy the 150-hour requirement.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirements	1
Specific College of Business Core Requirements	39
Upper Division Major Requirements	21
ACCT 3010 Intermediate Accounting I	3
ACCT 3020 Intermediate Accounting II	3
ACCT 3110 Cost Accounting	3
ACCT 3210 Computer Applications in Accounting	3
ACCT 3710 Accounting Information Systems	3
ACCT 4210 Auditing	3
ACCT 4310 Income Tax Accounting I	3
Electives	6
<i>Select two from:</i>	
ACCT 3100 Financial Statement Analysis and Valuation	3
ACCT 3410 Not-for-Profit Accounting	3
ACCT 3510 International Accounting	3
ACCT 3610 Forensics Accounting	3
ACCT 4220 Auditing II	3
ACCT 4320 Income Tax Accounting II	3
ACCT 4610 Accounting Theory	3
Electives	12

	Credit Hours
ACCOUNTING MINOR	21
ACCT 2010 Principles of Accounting I	3
ACCT 2020 Principles of Accounting II	3
ACCT 3010 Intermediate Accounting I	3
ACCT 3020 Intermediate Accounting II	3
Accounting electives approved by advisor	9

ECONOMICS CONCENTRATION

The concentration in economics is recommended to the student interested in a career in many areas of business or government. It provides excellent undergraduate preparation for graduate study in law, business, and other areas. No minor is required, but students are encouraged to complete another concentration in business or complete a related minor outside of business.

164 College of Business

Admission Requirements

Economics Concentration Requirements (120 Hours)

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Specific College of Business Core Requirements	39
Upper Division Major Requirements	6
ECON 3010 Intermediate Microeconomics	3
ECON 3020 Intermediate Macroeconomics	3
Major Electives	12
In consultation with advisor any four (4) upper division elective courses in economics	12
Electives	21
ECONOMICS MINOR	24
ECON 2010 Principles of Macroeconomics	3
ECON 2020 Principles of Microeconomics	3
ECON 3010 Intermediate Microeconomics	3
ECON 3020 Intermediate Macroeconomics	3
ECON 3220 Managerial Economics	3
QM 3110 Statistics for Business and Economics	3
Electives	6
Upper division economics electives	

FINANCE CONCENTRATION

The concentration in finance is recommended to students interested in a career in banking or other financial institutions, brokerage, investment banking, financial or security analysis, or industry. It provides excellent undergraduate preparation for graduate study in business, economics, or finance. No minor is required.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Specific College of Business Core Requirements	39
Upper Division Major Requirements	24
FIN 3310 Investments	3
FIN 4010 Managerial Finance	3
FIN 4210 Financial Markets and Institutions	3
FIN 4310 Security Analysis and Portfolio Theory	3
FIN 4400 Financial Policy	3
FIN 4410 Selecting Equity Investments	3
<i>Select two from:</i>	
ACCT 3000 Managerial Accounting	3
ACCT 3010 Intermediate Accounting I	3

ACCT 3110	Cost Accounting	3
ACCT 3710	Accounting Information System	3
ECON 3020	Intermediate Macroeconomics	3
ECON 3210	Money and Banking	3
ECON 4000	Issues in Free Enterprise	3
ECON 4610	International Economics	3
FIN 3610	Real Estate Principles	3
FIN 3620	Real Estate Finance	3
MGT 3610	Entrepreneurship	3
MGT 4000	Issues in Free Enterprise	3
MKT 3110	Principles of Marketing	3
MKT 3310	Sales Management	3
MKT 4000	Issues in Free Enterprise	3

Electives

15

Credit Hours

FINANCE MINOR

18

ACCT 2010	Principles of Accounting I	3
ECON 2010	Principles of Macroeconomics	3
FIN 1000	Personal Finance	3
FIN 3010	Principles of Finance	3
FIN 3310	Investments	3
FIN 4210	Financial Markets and Institutions	3

Credit Hours

18

REAL ESTATE MINOR

The Real Estate Minor is designed to serve the needs of students interested in preparing for careers within the real estate market and its related industries.

Required courses:

FIN 3610	Principles of Real Estate	3
FIN 3620	Real Estate Finance	3
FIN 3310	Investments	3
FIN 4210	Financial Markets and Institutions	3

Select two from:

BLAW 3210	Business Law I	3
ECON 3960	Urban Environments and Economics	3
FIN 3010	Principles of Finance	3
GB 3010	e-Commerce Basics I	3
MKT 3010	Principles of Marketing	3
MKT 3110*	Salesmanship	3
MKT 3710	Applications in Business Mapping	3

*MKT 3010 is a prerequisite for MKT 3110.

Special criteria for Finance Concentration students:

A student with a concentration in Finance wanting to add a real estate minor will be required to take at least two courses outside of the Finance Concentration requirements.

**Department of Management, Marketing
and General Business****College of Business**

Location: Kimbrough, 128

Phone: 931-221-1283

Website: www.apsu.edu/business/

The Department of Management, Marketing, and General Business offers the Bachelor of Business Administration (B.B.A.) with concentrations in management, marketing, and general business. Minors are recommended but not required of business majors.

GENERAL BUSINESS CONCENTRATION

The General Business concentration is designed for students wanting a diversified rather than a specialized program in business. It offers significant flexibility in terms of instruction and breadth of opportunity. No minor is required of students completing this concentration. All students selecting the General Business concentration are required to complete:

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Specific College of Business Core Requirements	39
Upper Division Major Requirements	21
ACCT 3000	Managerial Accounting 3
ACCT 3210	Computer Applications in Accounting 3
BLAW 3210 or 3220	Business Law I or Business Law II 3
ECON 3010 or 3020 or 3220	Intermediate Microeconomics or Intermediate Macroeconomics or Managerial Economics 3
FIN 4010	Managerial Finance 3
MGT 3110 or 3210	Organization Behavior and Theory or Human Resource Management 3
MGT 3610 or MKT 3210	Entrepreneurship or Retailing Management 3
Electives	18

	Credit Hours
GENERAL BUSINESS MINOR	18
ACCT 2010	Principles of Accounting I 3
BLAW 3300	Social, Legal, and Political Environment of Business 3
ECON 2010	Principles of Macroeconomics 3
MGT 3010	Principles of Management & Organizational Behavior 3
MKT 3010	Principles of Marketing 3
FIN 3010 or	Principles of Finance or 3
MGT 3610 or MKT 3210	Entrepreneurship or Retailing Management

INTERNATIONAL MANAGEMENT CONCENTRATION

The concentration in International Management is recommended to students interested in careers involving international travel and global commerce. As the world continues to resemble a global village through increased globalization and advances in global communications, transportation, manufacturing, finance, and marketing activities, multinational employment opportunities also expand. Employment options include placement with a multinational corporation (MNC), a domestic bank with international interests, the International Monetary Fund (IMF), the World Bank, the Peace Corps, the United Nations, or any number of other institutions with global interests and obligations. The International Management concentration also provides excellent undergraduate preparation for advanced graduate work in international business. No minor is required of students completing this concentration, although a minor in a foreign language and participation in an international internship or an international study abroad program is strongly encouraged.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Specific College of Business Core Requirements	39
Upper Division Major Requirements	21
ACCT 3510 International Accounting	3
ECON 4610 International Economics	3
FIN 3510 International Finance	3
FIN 4210 Financial Markets and Institutions	3
MGT 4110 International Management	3
MKT 3410 International Marketing	3
<i>Select one from:</i>	
GB 3010 e-Commerce Basics I	3
MGT 3610 Entrepreneurship	3
MKT 3210 Retailing Management	3
Electives	18

MANAGEMENT CONCENTRATION

Regardless of an individual's chosen career field, those who excel will eventually need to know and appreciate the principles and concepts of management. Business, government, and other types of organizations are constantly seeking responsible persons who can effectively manage human resources, develop organizational efficiency, and provide leadership for the attainment of organizational objectives. The management concentration is a distributive major concentration designed to develop the competence of students for careers in the management and administration of business and non-business organizations. No minor is required of students completing this concentration. All students selecting the management concentration are required to complete:

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1

168 College of Business

Specific College of Business Core Requirements **39**

Upper Division Major Requirements **21**

MGT 3110	Organization Behavior and Theory	3
MGT 3210	Human Resource Management	3
MGT 3610	Entrepreneurship	3
MGT 4010	The Evolution of Management Thought	3
MGT 4110	International Management	3

Select two from:

ACCT 3000	Managerial Accounting	3
ECON 3010	Intermediate Microeconomics	3
ECON 3020	Intermediate Macroeconomics	3
ECON 4310	Labor Economics	3
DSCI 3510	Managerial Dynamics and Simulation	3
DSCI 3530	Statistical Quality Control	3
DSCI 4410	Operation Research	3
MKT 3310	Sales Management	3
MKT 3710	Applications in Business Mapping	3

Electives **18**

Credit Hours

MANAGEMENT MINOR **18**

ACCT 2010	Principles of Accounting I	3
ECON 2010	Principles of Macroeconomics	3
MGT 3010	Principles of Management & Organizational Behavior	3

Electives **9**

Upper Division Management Electives

MARKETING CONCENTRATION

The primary purpose of this concentration is to help students understand the exchange process and the principles and practices which can provide greater efficiency in the movement of goods and services from the producer to the user. There are many attractive opportunities for students who acquire the training to do the job better and who can apply that training to the many marketing problems. No minor is required of students completing this concentration.

Credit Hours

General Education (see TBR Common core) **41**

University-Wide Freshman Seminar Requirement **1**

Specific College of Business Core Requirements **39**

Upper Division Major Requirements **21**

MKT 3210	Retailing Management	3
MKT 3510	Consumer and Market Behavior	3
MKT 4310	Advertising and Promotional Strategy	3
MKT 4450	Marketing Research	3
MKT 4800	Marketing Management	3

Select two from:

MKT 3110	Salesmanship	3
MKT 3310	Sales Management	3
MKT 3410	International Marketing	3
MKT 3610	e-Commerce I	3
MKT 3620	e-Commerce II	3
MKT 3710	Applications in Business Mapping	3
MKT 3800	Transportation Operations	3
MKT 4100	e-Commerce Supply Chain	3
MKT 4150	Industrial Marketing	3
MKT 4200	Logistics	3

Electives

18

MARKETING MINOR

Credit Hours

18

ACCT 2010	Principles of Accounting I	3
ECON 2010	Principles of Macroeconomics	3
MKT 3010	Principles of Marketing	3
MKT 3210	Retailing Management	3
MKT 4310	Advertising and Promotional Strategy	3

Select one from:

MKT 3110	Salesmanship	3
MKT 3310	Sales Management	3
MKT 3410	International Marketing	3
MKT 3510	Consumer and Market Behavior	3
MKT 3710	Applications in Business Mapping	3
MKT 4000	Issues in Free Enterprise	3
MKT 4150	Industrial Marketing	3
MKT 4450	Marketing Research	3
MKT 4800	Marketing Management	3

DECISION SCIENCES MINOR (18 HOURS)

The Decision Sciences Minor is designed to develop and document the quantitative and critical thinking skills of students from a wide variety of majors including Computer Science, Information Systems, Mathematics, Engineering Technology, the natural sciences, and Business.

Credit Hours

18

Select one from:

MATH 1530	Elements of Statistics	3
MATH 1810	Elements of Calculus	3
Math 1910	Calculus and Analytic Geometry	3

Select one from:

QM 3110	Statistics for Business and Economics	3
MATH 3250	Statistical Methods I	3

Required Courses:

DSCI 3410	Production Operations Management	3
-----------	----------------------------------	---

170 College of Business

Select three from:

DSCI 3510	Managerial Dynamics and Simulation	3
DSCI 3530	Statistical Quality Control	3
DSCI 4410	Operation Research	3
DSCI 4500	Business and Economic Forecasting	3
MATH 3260	Statistical Methods II	3
MATH 3270	Experimental Design	3
MATH 4450	Mathematical Models	3

Note: Some of the courses listed above may have prerequisites.

College of Education

Location: Claxton, 210
Phone: 931-221-67696
Website: www.apsu.edu/educ/

DEPARTMENT	MAJOR	CONCENTRATIONS	TEACHER CREDENTIAL PREPARATION	DEGREE OFFERED
Teaching and Learning	Interdisciplinary Studies		Licensure K-8, 4-8	B.S.
Educational Specialties	Special Education		Licensure K-12	B.S.

College of Education

College of Education

Location: Claxton, 210

Phone: 931-221-7511

Website: www.apsu.edu/educ/**Vision and Mission of the APSU Teacher Education Unit**

Consistent with the institutional vision and mission and with our heritage as an institution with a major commitment to quality teacher preparation, the vision of the teacher education unit at Austin Peay State University is to prepare highly qualified professionals who are knowledgeable and skilled in standards-based practice. Our goal is to prepare competent, reflective, and caring educators who, while working in collaboration with other professionals, will serve as change agents to foster development and learning in the lives of all learners. Our theme, "Preparing Professionals Through Standards-Based Practices" reflects our vision, mission, and goals, and supports reflective, data-informed planning for continuous improvement.

Strategic Profile

The College of Education offers undergraduate and graduate programs with emphasis on professional preparation of teachers and other school personnel. The College of Education is divided into major instructional areas including Interdisciplinary Studies (elementary and middle graders), Special Education, and various secondary education and K-12 specialty fields. The Professional Education minor is required for all initial teacher licensure programs. Teacher licensure is available at undergraduate, post-baccalaureate, and graduate levels. Advanced graduate programs are also available in Educational Leadership Studies, Curriculum and Instruction (with specialization in special education, instructional technology, mathematics, and advanced studies), and Reading. Students should review their courses of study with the appropriate academic advisor.

Accreditation

The professional education unit at Austin Peay State University is accredited by the National Council for the Accreditation of Teacher Education (NCATE) and all programs that lead to teaching licenses are approved by the Tennessee Department of Education. Consistent with NCATE and state standards and guidelines, a conceptual framework (Preparing Professionals through Standards-Based Practices) has been established. The professional education unit has adopted standards-based "program outcomes" for all programs of study. An electronic assessment system has been designed to collect and use candidate and unit performance data to improve our programs. Candidates in all programs of study will collect evidence of their knowledge, skills, and dispositions in a Live Text electronic portfolio.

Program Information

Undergraduate Major Programs: The College of Education offers two majors: Interdisciplinary Studies (K-6; 4-8) and Special Education (K-12).

Licensure Program: Majors for licensure programs at the secondary level are offered in academic departments. Refer to specific disciplines in this Bulletin.

Academic Requirements for Degree: All students should be informed concerning general requirements for a baccalaureate degree and the specific Liberal Arts core courses that apply to teacher licensure as they differ from other degree programs.

Online Correspondence Credit toward Licensure: Correspondence and online credit for licensure is not acceptable without prior approval by the Dean on the Coursework Approval Form available from the Office of the Registrar.

Post-baccalaureate Licensure: Holders of degrees from APSU or other universities who seek to complete a teacher education program post-baccalaureate are required to meet state and/or departmental requirements. (See the Office of Teacher Licensure in Claxton 206 for evaluation.) Some post-baccalaureate coursework may be applicable toward a graduate degree.

Additional Requirements for Licensure in other States: Students seeking licensure in Kentucky or other states should consult with their advisor and the Teacher Licensure Officer regarding additional requirements. For requirements in other states, the student should consult the respective state's Department of Education.

Academic Major

The teacher candidate should follow the major or the teaching major in the academic department as listed in this Bulletin. Students should consult both their academic major and education advisors and meet requirements for admission to teacher education given below.

NOTE: Additional courses in the academic department may be required for the student seeking licensure.

Admission Requirements

ADMISSION OF CANDIDATES TO THE TEACHER EDUCATION PROGRAM

Provisional admission to the program typically occurs at the end of the sophomore year. Application for admission is based upon a Milestone II performance review. Full admission to the program occurs in the semester prior to clinical teaching. Application for admission is through Live Text and is based upon Milestone III performance review. Contact the Teacher Licensure Office in Claxton 206 for details.

Teacher Candidate Admissions Process

To complete the teacher education program and obtain a teaching license, students must progress through the four milestones described below:

Milestone I – Candidacy Status

- Completion of EDUC 2100/5500 or equivalent with “C” or better
- Minimum of 12 hours of undergraduate credit or 3 hours of graduate credit
- Minimum 2.5 GPA
- Acceptable level for knowledge and skills identified for Milestone I through approval of electronic portfolio
- Evidence of Professional Dispositions
- Completion of security clearance by TBI/FBI.

Milestone II – Provisional Status

- Minimum 2.75 GPA
- Minimum of “C” in Professional Minor courses
- Acceptable level for knowledge and skills identified for Milestone II through approved of electronic portfolio
- Evidence of Professional Dispositions
- Minimum of 45 hours if undergraduate or 9 hours if graduate student
- Minimum Praxis I (PPST Reading—174; Writing—173; and Math—173 or ACT—22; SAT—1020) or GRE (Verbal—350 and Quantitative—350) for graduate students

174 College of Education

- Successful interview (during EDUC 3070/5501)
- Completion of security clearance by TBI/FBI

Milestone III – Clinical Status

- 2.75 GPA
- Minimum grade of “C” in all professional Education courses
- Passing all required Praxis II tests (see list of testing requirements for specific tests on College of Education Website)
- Completion of all courses required for licensure/degree
- Acceptable level for knowledge and skills identified for Milestone III through approval of electronic portfolio
- Evidence of Professional Disposition
- Completion of security clearance by TBI/FBI

Milestone IV – Induction Status

- Acceptable level for knowledge and skills identified for Milestone IV through approval of electronic portfolio
- Evidence of Professional Dispositions
- Successful completion of clinical placement seminars
- Passing grades in both clinical placements
- Completion of all licensure requirements
- Completion of security clearance by TBI/FBI

Appeal Process

Candidates who do not meet one or more of the criteria for provisional or full admission to Teacher Education are permitted in some cases to request a waiver. The candidate should acquire an Appeals Form in the Office of Teacher Licensure (Claxton 206) and return it along with an official transcript to the Office of Teacher Licensure. The College of Education’s Appeals Committee meets once or twice each semester. Candidates are notified by the Director of Teacher Education in writing of the committee’s recommendation and his decision.

Future Changes in Teacher Education

State Board of Education policy changes take precedence over the licensure programs in this Bulletin. Some of these changes and certain college-initiated changes may occur before this Bulletin is replaced with another edition. Education advisors will be able to provide information about current requirements. Such changes are posted on the College of Education Website.

Preparation for Secondary School Teachers

(Licensure for 7-12 OR K-12)

This curriculum is designed for students who desire a degree in the arts or sciences with licensure to teach in the secondary school (grades 7-12) or to teach art, health and physical education, or music (grades K-12). All requirements for provisional and full admission to teacher education apply to these programs of study. Students must complete a General Education requirement, an appropriate major, and the Professional Education minor totaling 120 hours or more. Students seeking licensure in 7-12 or K-12 programs must complete the General Education requirement for the B.A. or B.S. degree as designated in this Bulletin. Courses completed must satisfy required state licensure guidelines.

Additional Teaching Endorsements

Contact the Licensure Office in Claxton 206 for specific requirements for add-on endorsements.

INTERDISCIPLINARY STUDIES (EDUCATION) (B.S.)**To Teach Grades K-6, 4-8**

This curriculum is designed for but not limited to students who are preparing to teach the elementary and middle grades. For those seeking licensure, the program consists of General Education core, a major in Interdisciplinary Studies and a minor in Professional Education, Student Teaching, and the accompanying Teaching Seminar. Program completers in teacher education at Austin Peay continue to perform at a high level on Praxis II licensure examinations.

Interdisciplinary Studies Major, K-6

Students successfully completing this program and required licensure examinations will be eligible to teach grades K-6 in Tennessee schools. Specific admissions criteria and curriculum requirements are available from advisors in the School of Education.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Specific General Education Requirements for this major	23
MATH 1530 Elements of Statistics	3
CHEM 1710 or PHYS1020	
Introduction to Chemistry and Physics or Understanding the Physical World	4
BIOL 1010 or 1020 General Biology or Diversity of Life	4
MUS 1030 Music Appreciation	3
HIST 1210 World History	3
ART 1030 or THEA 1030	
Art Appreciation or Theatre Appreciation	3
HHP 1250 Wellness Concepts and Practices	3
Upper Division Major Requirements	35
EDUC 3090 Elementary School Curriculum, Methods, and Philosophy	3
EDUC 4040 Teaching Social Studies: K-6	4
LING 4040 or 4050 English Grammar and Usage	
or Structure and Dialects of American English	3
MATH 4100 Mathematical Concepts Development	3
MATH 4150 Teaching Mathematics: 4-6	3
RDG 4010 Teaching the Language Arts: K-6	3
RDG 4020 Teaching Reading: K-3	3
RDG 4030 Literacy in the Upper Elementary Grades	3
SCI 4020 Teaching Science: K-6	4
SPED 4340 Effective Inclusion Strategies	3
Additional Requirements for Licensure and Graduation	16
GEOL 1040 Physical Geology	4
HIST 1220 World History II	3
MATH 1410 Structure of Mathematical Systems	3
MATH 1420 Structure of Mathematical Systems	3
RDG 4050 Children's Literature	3

176 College of Education

Interdisciplinary Studies, Middle Grades

Middle Grades 4-8

Students electing this program will be licensed to teach grades 4-8 in Tennessee.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Specific General Education Requirements	23
MATH 1420 Structure of Mathematical Systems	3
BIOL 1010 or 1020 General Biology or Diversity of Life	4
MUS 1030 or 2030 Music Appreciation or World Music	3
GEOG 1010 Physical Geography	3
GEOL 1040 Physical Geology	4
HHP 1250 Wellness and Practices	3
ART 1030 or THEA 1030	
Art Appreciation or Theatre Appreciation	3
Upper Division Major Requirements	28
EDUC 4040 Teaching Social Studies: K-6	3
EDUC 4090 Middle Grades Strategies	3
MATH 4150 Teaching Mathematics	3
MATH 4200 Mathematics Content and Pedagogy for Middle School	3
RDG 4010 Teaching the Language Arts: K-6	3
RDG 4030 Literacy in Upper Elementary Grades	3
RDG 4040 Content Reading	3
SCI 4020 Teaching Science: K-6	4
SPED 4340 Effective Inclusion Strategies	3

Cognate Areas for Interdisciplinary Studies Major

Middle Grades 4-8

Select one of the Cognate Areas listed below. Consultation with a College of Education advisor is strongly recommended. Courses taken to meet General Education requirements may not be counted as part of a cognate.

Literacy/English	15
ENGL 3420 Adolescent Literature	3
LING 4050 English Grammar and Usage	3
RDG 4890 Teaching Reading in Secondary School	3
<i>Select two from:</i>	
LING 4040 Structure and Dialects of American English	3
ENGL 3010 American Literature I	3
ENGL 3020 American Literature II	3
ENGL 3100 British Literature I	3
ENGL 3130 British Literature II	3
ENGL 3310 Survey of Short Fiction	3
Mathematics	15
MATH 4020 Geometry for Elementary School Teachers	3
MATH 4030 Problem Solving	3

Select three from:

MATH 1010	Math Thought and Process	3
MATH 1530	Elements of Statistics	3
MATH 1710	College Algebra	3
MATH 1730	Precalculus	4
MATH 1810	Elements of Calculus	3
MATH 1820	Elements of Calculus	3

Science 16

BIOL 1110	Principles of Biology	4
CHEM/PHYS 1710	Introduction to Chemistry and Physics	4
PHYS 1020	Understanding the Physical World	4

Select one from:

BIOL 3060	Animal Diversity	4
BIOL 3070	Plant Diversity	4
BIOL 4050	Field Botany	4
BIOL 4080	General Ecology	4

Social Studies 15

HIST 1210 or 1220	World History	3
GEOG 1020 or 1010	Geography of the Developed World or Physical Geography	3
POLS 2070 or 2010	International Policy or American National Governments	3

Select two from:

ECON 2010	Principles of Macroeconomics	3
HIST 3300	Ancient Greece	3
HIST 3310	Ancient Rome	3
HIST 4500	The Colonial Era in America	3
HIST 4510	Era of the American Revolution	3
HIST 4520	The Early Republic	3

Additional Requirements for Licensure and Graduation 3

MATH 1410	Structure of Mathematical Systems	3
-----------	-----------------------------------	---

SPECIAL EDUCATION MAJOR, K-12

The Special Education major (K-12 Comprehensive and Modified) requires the Professional Education minor for students who seek teacher licensure. If teacher licensure is not desired, the education minor must be chosen. Contact College of Education for availability of non-licensure program.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Specific General Education Requirements for this major	26
HHP 1250	Wellness Concepts 3
MATH 1420	Structure of Mathematical Systems 3
BIOL 1010 or 1020	General Biology or Diversity of Life 4
MUS 1030 or 2030	Music Appreciation or World Music 3
ART 1030 or THEA 1030	Art Appreciation or Theatre Appreciation 3

178 College of Education

CHEM/PHYS 1710	Introduction to Chemistry and Physics or	4
GEOL 1040 or 1050	Physical Geology or Historical Geology or	
ASTR 1010 or 1020	Planetary Astronomy or Stellar Astronomy	
GEOG 1010 or	Physical Geography or	3
GEOG 1020 or	Geography of Europe, the Americas, and Australia or	
GEOG 1030	Geography of Africa, Asia, and Oceania	

Upper Division Major Requirements **39**

SPED 3300	Characteristics of Mild/Moderate	3
SPED 3330	Characteristics of Severely Disabled	3
SPED 3340	Dev. Consultative Skills: Parents and Professionals	3
SPED 3350*	Diagnostic Assessment of Exceptional Students	3
SPED 3360	Characteristics of Gifted Education	3
SPED 4330	Behavior Management for Exceptional Students	3
SPED 4340	Effective Inclusion Strategies	3
SPED 4350	Teaching Severely/Multiple Disabled	3
SPED 4370	Career/Vocational Education	3
SPED 4390	Assistive Teaching in Special Education	3
MATH 4100	Mathematical Concepts Developmental	3
RDG 4010	Teaching the Language Arts: K-6	3
RDG 4020	Teaching Reading: K-3	3

*Substitutes for EDUC 4270 in Professional Education Minor

Additional Requirements for Licensure and Graduation **6**

MATH 1410	Structure of Mathematical Systems	3
RDG 4050	Children's Literature	3

Professional Education Minor

(Required for licensure in all endorsement areas: K-6, 4-8, 7-12, and K-12)

This minor leads to licensure for students seeking teacher licensure in all fields. Successful completion of this minor, successful completion of Clinical Practice (with seminar), and required licensure examinations leads to teaching licensure for grades K-6, 4-8, 5-8, 7-12, and K-12. Testing requirements, electronic portfolio development, and other prerequisites for provisional admission and full admission to Teacher Education will require consultation with an education advisor. For students not seeking licensure but a minor in Professional Education, contact the College of Education Dean.

EDUC 2100	Foundations of Education	2
EDUC 3040	Instructional Technology	3
EDUC 3070	Instructional Strategies	3
EDUC 4080	Classroom Management	3
EDUC 4160	Teaching Diverse Students	3
EDUC 4270	Evaluation and Assessment	3
PSY 3130	Introduction to Educational Psychology	3
SPED 3000	Introduction to Special Education	3

Other Licensure Options Through the School of Education

In addition to the teacher licensure options noted above (K-6, 4-8, and Special Education), licensure is also available in the following secondary and K-12 specialty fields.

Art (K-12)
 Biology (7-12)
 Chemistry (7-12)
 English (7-12)
 French, Spanish, German or Latin (7-12)
 Government (7-12)
 Health and Human Performance (K-12)
 History (7-12)
 History with Economics (7-12)
 History with Geography (7-12)
 History with Government (7-12)
 History with Psychology (9-12)
 History with Sociology (9-12)
 Mathematics (7-12)
 Music, Instrumental (K-12)
 Music, Vocal and General (K-12)
 Physics (7-12)
 Theatre (7-12)

Consult the individual academic departments for information about the majors that lead to these teaching licensures.

Additional Requirements

Clinical Teaching

All students seeking undergraduate certification are required to complete a full clinical semester (student teaching) at the appropriate levels (10 credit hours). Student teaching is taken concurrently with a seminar (2 credit hours). Student teaching is required for completion of the B.S. degree. Students will contact the Coordinator of Clinical Teaching Experiences for enrollment in appropriate student teaching courses. Full Admission Status must be attained for approval for student teaching. Portfolio development and taking required Praxis II specialty examinations are components of Full Admission status.

Clinical Teaching and Seminar Courses

	Credit Hours
EDUC 4410 Student Teaching: Grades K-3	5
EDUC 4510 Student Teaching: Grades 4-6	5
EDUC 4610 Student Teaching: Grades 7-8	5
EDUC 4710 Student Teaching: Grades 9-12	5

PRAXIS II Licensure Examination

All students seeking teacher licensure must complete PRAXIS II licensure examinations required by the State of Tennessee. Attaining minimum scores on required PRAXIS II specialty examinations prior to Full Admission to Teacher Education is required. For information about these requirements, please consult the Certification Office in the College of Education (Claxton 206). Tennessee Department of Education revisions of test score requirements supercede Bulletin criteria at matriculation.

Portfolio Development and Presentation

All students seeking certification are required to develop a Live Text electronic portfolio that represents professional growth and development across the full program of study. The purchase and development of a Live Text electronic portfolio is required in all professional education and restricted enrollment courses in majors leading to licensure. The presentation of the electronic program portfolio is an essential element of the summative assessment activities conducted during the Teaching Seminar (EDUC 4950, 2 credits) and is a requirement of program completion and licensure.

Non-Licensure Option

Students selecting the Interdisciplinary Studies major or Special Education major but not wishing to seek teacher licensure may select an approved University minor other than Professional Education Minor and clinical teaching. Course substitutions for clinical teaching and seminar must be preapproved by the Dean of the College of Education.

College of Science and Mathematics

Location: Harned Hall, 132
Phone: 931-221-7971; Fax: 931-221-7984
e-mail: taylorjr@apsu.edu
Website: www.apsu.edu/cosm/

The College of Science and Mathematics provides study for students in the areas of agriculture, astronomy, biology, chemistry, computer science, geosciences, mathematics, medical technology, radiologic technology, and physics. Our outstanding, discipline-based programs are student-centered and designed to prepare students for responsible positions at all levels of research, industry, education, medicine, and government. We emphasize degree programs relevant to regional economic and market trends, designed to enable graduates to compete in the global economy and foster lifelong learning skills.

Our mission encompasses assisting students to develop critical thinking skills, enhance verbal and written communication abilities, the development of reasoned debate on scientific issues and promotion of civil responsibility.

Our goal is to provide professional training at the undergraduate and graduate level while serving as a foundation for a career in science and mathematics. This goal includes training for allied health professions and pre-professional training in preparation for career in medicine, dentistry, pharmacy, and veterinary science. We encourage collaborative research with faculty, internships and other learning experiences that facilitate transition to work or graduate and professional education.

182 College of Science and Mathematics

DEPARTMENT	MAJOR	CONCENTRATIONS	TEACHER CREDENTIAL PREPARATION OFFERED	DEGREE OFFERED
Agriculture.....	General	Agri-Business		B.S.
		Agri-Communication		B.S.
	Agriculture	Agri-Science		B.S.
		Pre-Veterinary Medicine		B.S.
		Sustainable Development		B.S.
Geosciences.....	Geosciences.....	Global Environment & Development		B.S.
		Environmental Hazards.....		B.S.
		Geographic Information Analysis		B.S.
		Geology.....		B.S.
Allied Health Sciences...	Medical			
	Technology			B.S.
	Radiologic Technology			B.S.
Biology.....	Biology.....		Licensure 7-12	B.S.
Chemistry.....	Chemistry.....		Licensure 7-12	B.S.
Computer Science	Computer.....	Computer.....		B.S.
		Science		
		& Information Science	Information Systems.....	B.S.
		Science	Database Administration	B.S.
		Internet & Web Technology	B.S.	
Mathematics.....	Mathematics.....		Licensure 7-12	B.S.
Physics & Astronomy	Physics.....		Licensure 7-12	B.S.

Department of Agriculture

College of Science and Mathematics

Location: Sundquist Science Complex, D224

Phone: 931-221-7272

Website: www.apsu.edu/agriculture/

GENERAL AGRICULTURE (B.S.)

Students majoring in agriculture will select one of five concentrations: Agri-Business, Agri-Science, or Agri-Communications. In each case, a strong broad-based understanding of American agriculture will be developed.

	Credit hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Specific General Education Requirements	14/15
BIOL 1010/1011 or 1110/1111	
Principles of Life or Diversity of Life (and lab)	4
CHEM 1010/1011 or 1110/1111	
Society and the Environment (and lab) or General Chemistry (plus recitation/lab)	4/5
ECON 2010	3
Principles of Macroeconomics	3
COMM 1010	3
Fundamentals of Public Speaking	3
Lower Division Major Requirements	12
AGRI 1000	1
Survey of Agriculture	
AGRI 1310	3
Animal Science	
AGRI 1410/1411	4
Plant Science (and lab)	
AGRI 2210/2211	4
Soils (and lab)	
Upper Division Major Requirements	12
AGRI 3500	3
Agriculture Economics	
AGRI 4010	1
Agriculture Seminar	
AGRI 4020	1
Agriculture Seminar	
AGRI 4430	3
Genetics of Crops and Livestock	
AGRI 4500/4501	4
Farm Planning and Management (and lab)	
Additional Major Requirements	18
Additional hours in each concentration are required and must be selected in consultation with advisor and with a view toward career goals. No minor is required.	
*Credit from the following is normally excluded from major	
AGRI 3610	2
Internship in Agriculture	
AGRI 3620	2
Internship in Agriculture	
AGRI 4610	5
Cooperative Educational Experience	
AGRI 4620	5
Cooperative Educational Experience	
AGRI 4910	1
Special Problems	
AGRI 4920	2
Special Problems	
AGRI 4930	3
Special Problems	

184 College of Science and Mathematics

AGRICULTURE MINOR

Credit Hours

18

Upper Division Agriculture requirements (3000-4999)

9

Additional hours in Agriculture (any)

9

AGRI-BUSINESS CONCENTRATION

Agri-Business is designed to prepare students for jobs in agricultural businesses and includes additional courses in marketing, management, economics, and accounting.

Credit Hours

General Education (see TBR Common Core)

41

University-Wide Freshman Seminar Requirement

1

Lower Division Major Requirements

43

AGRI 1000	Survey of Agriculture	1
AGRI 1310	Animal Science	3
AGRI 1410/1411	Plant Science (and lab)	4
AGRI 2500	Introduction to Agri-Business	3
BIOL 1010/1011 or 1110/1111	Principles of Life or Diversity of Life (and lab)	4
GEOL 1040/1041	Physical Geology (and lab)	4
ACCT 2010	Principles of Accounting I	3
AGRI 2210/2211	Soils (and lab)	4
ECON 2010	Principles of Macroeconomics	3
GEOG 1010	Physical Geography (recommended but not required)	3
CHEM 1010/1011 or 1110/1111	Society and the Environment or General Chemistry (and lab)	4
CHEM 1020/1021 or 1120/1121	Society and the Environment or General Chemistry (and lab)	4
MATH 1530	Elements of Statistics (recommended but not required)	3

Upper Division Major Requirements

24

AGRI 3500	Agriculture Economics	3
AGRI 4010	Agriculture Seminar	1
AGRI 4020	Agriculture Seminar	1
MKT 3010	Principles of Marketing	3
AGRI 4430	Genetics of Crops and Livestock	3
AGRI 4500/4501	Farm Planning and Management (and lab)	4
BLAW 3300	Social, Legal, and Political Environment of Business	3
FIN 3010 or MGT 3610 or MKT 3210	Principles of Finance or Entrepreneurship or Retailing Management	3
MGT 3010	Principles of Management and Organizational Behavior	3

Electives

28

Agriculture electives	15
Other electives	13

AGRI-SCIENCE CONCENTRATION

Agri-Science is designed to prepare students for graduate schools or for jobs requiring technical knowledge of agriculture, and includes additional courses in basic and applied sciences.

		Credit Hours
General Education (see TBR Common Core)		41
University-Wide Freshman Seminar Requirement		1
Lower Division Major Requirements		37/39
AGRI 1000	Survey of Agriculture	1
AGRI 1310	Animal Science	3
AGRI 1410/1411	Plant Science (and lab)	4
BIOL 1010/1011 or 1110/1111	Principles of Life or Diversity of Life (and lab)	4
GEOL 1040/1041	Physical Geology (and lab)	4
AGRI 2210/2211	Soils (and lab)	4
ECON 2010	Principles of Macroeconomics	3
MATH 1530	Elements of Statistics (recommended - not required)	3
CHEM 1010/1000 or 1110/1111	Society and the Environment or General Chemistry (and lab)	4/5
CHEM 1020/1021 or 1120/1121	Society and the Environment or General Chemistry (and lab)	4/5
GEOG 1010	Physical Geography (recommended - not required)	3
Upper Division Major Requirements		26
AGRI 3500	Agriculture Economics	3
AGRI 3220/3221	Soil and Water Conservation (and lab)	3
AGRI 3420	Forage Crops	3
AGRI 3310/3311	Animal Nutrition and Feeding (and lab)	4
AGRI 4010	Agriculture Seminar	1
AGRI 4020	Agriculture Seminar	1
AGRI 4430	Genetics of Crops and Livestock	3
AGRI 4500/4501	Farm Planning and Management (and lab)	4
Directed Electives		
<i>Must complete at least 6 hours from:</i>		
AGRI 4310/4311	Reproduction in Farm Animals (and lab)	3
AGRI 4420/4421	Forestry (and lab)	3
BIOL 4020/4021	Biological Sciences and GIS	4
CHEM 3500/3501	Brief Organic Chemistry (and lab)	4
CHEM 3510/3511	Organic Chemistry (and lab)	4
CHEM 3520/3521	Organic Chemistry (and lab)	4
GEOG 3150/3151	Geographic Information Systems I (and lab)	4
Electives		28
AGRI electives		9
Other electives		19

186 College of Science and Mathematics

AGRI-COMMUNICATIONS CONCENTRATION

Agri-Communications is designed to prepare students for jobs in agricultural journalism or communication, and includes additional courses in journalism, broadcasting, and photography.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Lower Division Major Requirements	45/47
AGRI 1000 Survey of Agriculture	1
AGRI 1310 Animal Science	3
AGRI 1410/1411 Plant Science (and lab)	4
COMM 1400 Introductions to Public Relations	3
BIOL 1010/1011 or 1110/1111	
Principles of Life or Diversity of Life (and lab)	4
GEOG 1010 Physical Geography (recommended but not required)	3
AGRI 2210/2211 Soils (and lab)	4
COMM 2000 News Reporting	3
ECON 2010 Principles of Macroeconomics	3
ENGL 1100 Technical and Report Writing	3
ART 2090 Photography I	3
CHEM 1010/1011 or 1110/1111	
Society and the Environment	
or General Chemistry (and lab)	4/5
MATH 1530 Elements of Statistics (recommended - not required)	3
Upper Division Major Requirements	18
AGRI 3500 Agriculture Economics	3
AGRI 4010 Agriculture Seminar	1
AGRI 4020 Agriculture Seminar	1
AGRI 4430 Genetics of Crops and Livestock	3
AGRI 4500/4501 Farm Planning and Management (and lab)	4
COMM 3200 Copyediting	3
COMM 4150 Feature Writing	3
Electives	36
AGRI electives	18
COMM (Broadcasting electives)	3
Other electives	15

**PREVETERINARY MEDICINE CONCENTRATION
Three- or Four-Year Transfer Program (optional)**

APSU offers a preveterinary medicine concentration that prepares the student for applying to the University of Tennessee College of Veterinary Medicine. Most veterinary schools have similar admission requirements, and APSU's program can be modified to meet the requirements of most.

The preveterinary program of study includes more coursework than the minimum for applying to veterinary school. These additional courses are included to improve the student's chances for success in veterinary school and to complete B.S. degree requirements.

Program Requirements:

*Students may qualify for veterinary school during the third year at APSU.

*Thus students have two degree options at APSU:

- (1) The student may apply for a degree granted in absentia (see page 75) after having successfully completed the first year of veterinary school; or
- (2) The student may complete all requirements in the four-year curriculum and receive a B.S. degree in Agriculture, Pre-Veterinary Medicine Concentration

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Specific General Education Requirements	6
ECON 2010 Principles of Macroeconomics	3
COMM 1010 Principles of Public Speaking	3

*Most Schools of Veterinary Medicine do not have a mathematics requirement.

However, students should note math prerequisites for CHEM 1110 and PHYS 2010.

*Science requirements: See Lower and Upper Division sections below.

Lower Division Major Requirements	32
AGRI 1000 Survey of Agriculture	1
AGRI 1310 Animal Science	3
BIOL 1010/1011 Principles of Life (and lab)	4
BIOL 1110/1111 Principles of Biology (and lab)	4
CHEM 1110/1111 General Chemistry (recitation and lab)	5
CHEM 1120/1121 General Chemistry (recitation and lab)	5
PHYS 2010/2011 College Physics (demonstration and lab)	5
PHYS 2020/2021 College Physics (demonstration and lab)	5
Upper Division Major Requirements	27
AGRI 3310/3311 Animal Nutrition and Feeding (and lab)	4
AGRI 3420 Forage Crops	3
AGRI 3500 Agriculture Economics	3
AGRI 4230 Land Use	3
BIOL 4440/4441 Cell and Molecular Biology (and lab)	4
CHEM 3510/3511 Organic Chemistry (and lab)	4
CHEM 3520/3521 Organic Chemistry (and lab)	4

188 College of Science and Mathematics

CHEM 4300/4301 Brief Biochemistry (and lab) 4

Select one from:

AGRI 4430 Genetics of Crops and Livestock 3

BIOL 4130/4131 Genetics (and lab) 4

Electives

22

Students should choose at least 22 hours of elective courses with substantial animal content from Agriculture and Biology. Recommendations include:

AGRI 2310 Animal Management Practices 3

AGRI 3110 Animal Health and Disease Control 3

AGRI 3330 Beef Production Management 2

AGRI 3350 Horse Production 2

AGRI 3380 Companion Animal Management 2

AGRI 3610 Internship in Agriculture 2

AGRI 3620 Internship in Agriculture 2

AGRI 4110 Agro-Terrorism 3

AGRI 4310 Reproduction in Farm Animals 3

BIOL 2300/2301 Principles in Microbiology (and lab) 4

BIOL 3050/3051 Microbial Diversity (and lab) 4

BIOL 3060/3061 Zoological Diversity (and lab) 4

BIOL 4070/4071 Animal Behavior (and lab) 4

BIOL 4110/4111 Animal Physiology (and lab) 4

BIOL 4200/4201 General Embryology (and lab) 4

SUSTAINABLE DEVELOPMENT CONCENTRATION

Sustainable development is defined as: "Development that meets the needs of the present without compromising the ability of future generations to meet their own needs" (unbruntland commission). The Sustainable Development Concentration is designed to prepare students for work in the growing field of sustainability science with a primary focus in the sustainable management of food, soil, water, and forest resources. In addition to a solid foundation in theoretical sciences, students in this program will develop applied skills with electronic spreadsheets, computer models, renewable technologies, and geotechnologies that facilitate resource management.

General Education (see TBR Common Core)	Credit Hours
	41
University-Wide Freshman Seminar Requirement	1

Required Courses

Social Sciences Core	3
GEOG 1010 Physical Geography	3

Natural Sciences 20-22

BIOL 1010/1011 or BIOL 1110/1111	Principles of Life (and lab) or Principles of Biology (and lab)	4 each
-------------------------------------	--	--------

BIOL 1020/1021 or AGRI 1140/1141	Diversity of Life (and lab) or Pests, Society and Environment (and lab)	4 4
-------------------------------------	--	--------

College of Science and Mathematics 189

CHEM 1110/1111 or	General Chemistry (and lab) or	4
CHEM 1010/1011	Chemistry: Society and the Environment I (and lab)	4

CHEM 1120/1121 or	General Chemistry (and lab) or	4
CHEM 1020/1021	Chemistry: Society and the Environment II (and lab)	4

GEOL 1040/1041	Physical Geology (and lab)	4
----------------	----------------------------	---

Lower Division Major Requirements 23

AGRI 1310	Animal Science	3
AGRI 1410/1411	Plant Science (and lab)	4
AGRI 2210/2211	Soils (and lab)	4
AGRI 3500	Agriculture Economics	3
AGRI 4010	Agriculture Seminar	1
AGRI 4020	Agriculture Seminar	1
AGRI 4430	Genetics of Crops and Livestock	3

AGRI 4500/4501 or	Farm Planning and Management (and lab) or	4
CHEM 3500/3501	Brief Organic Chemistry (and lab)	4

Upper Division Major Requirements 18

AGRI 3000	Conservation	3
AGRI 3040	Sustainable Development	4
AGRI 4230	Land Use	3
GEOG 3150/3151	Geographic Information Systems I (and lab)	4

GEOG 4270/4271 or	Watershed Management and Modeling (and lab)	4
AGRI 4270/4271 (cross listed) or		
GEOG 4160	Environmental Modeling and GIS	4

Select one course from each Enhancement below 12-15

GeoTech Enhancement

BIOL 4020/4021	Biological Sciences and GIS (and lab)	4
GEOG 3250/3251	GIS II (and lab)	3
GEOG 3920	Field Mapping and GPS	3
GEOG 425A	Applied GIS: Urban Forestry	3
GEOG 4260/4261	Remote Sensing (and lab)	4

Biotic Enhancement

AGRI 3410/3411	Landscaping (and lab)	3
AGRI 4420/4421	Forestry (and lab)	3
AGRI 4310	Animal Health and Disease	3
BIOL 4050/4051	Field Botany (and lab)	4
BIOL 4080/4081	General Ecology (and lab)	4
BIOL 4540/4541	Plant Ecology (and lab)	4

Physical Enhancement

AGRI 3220/3221	Soil and Water Conservation (and lab)	3
AGRI 4210/4211	Soil Genesis, Taxonomy, Mapping (and lab)	4
GEOG 3930	Natural Hazards in the Environment	3
GEOG 3940	Technological Hazards (and lab)	3

190 College of Science and Mathematics

GEOG 4180/4181	Climatology (and lab)	4
GEOL 3030/3031	Environmental Geology (and lab)	4
GEOL 4250/4251	Hydrogeology (and lab)	4
Management Enhancement		
GEOG 3960	Urban Environments	3
GEOG 4000	Environmental Management	3
GEOG 4010	Environmental Assessment	3
SOC 4400	Environmental Sociology	3

PreProfessional Program PreAgricultural Education (Three-Year Transfer Program)

Department of Agriculture

College of Science and Mathematics

Location: Sundquist Science Complex, D223

Phone: 931-221-7269

Website: www.apsu.edu/agriculture/

	Credit Hours
University-Wide Freshman Seminar Requirement	1
Specific General Education Requirements	21
ENGL 1010 English Composition I	3
ENGL 1020 English Composition II	3
COMM 1010 Fundamentals of Public Speaking	3
HIST 2010 American History I	3
HIST 2020 American History II	3
Humanities Core (see TBR Common Core)	6
Lower Division Major Requirements	34
AGRI 1000 Survey of Agriculture	1
AGRI 1310 Animal Science	3
AGRI 1410/1411 Plant Science (and lab)	4
AGRI 2210/2211 Soils (and lab)	4
AGRI 2500 Introduction to Agri-business	3
BIOL 1010/1011 Principles of Life (and lab)	4
BIOL 1020/1021 Diversity of Life (and lab)	4
ECON 2010 Principles of Macroeconomics	3
CHEM 1010/1011 Chemistry: Society and the Environment (and lab)	4
CHEM 1020/1021 Chemistry: Society and the Environment (and lab)	4
Upper Division Major Requirements	31
AGRI 3500 Agriculture Economics	3
AGRI 3020 Agriculture Power and Machinery	3
AGRI 3220/3221 Soil and Water Conservation (and lab)	3
AGRI 3310/3311 Animal Nutrition and Feeding (and lab)	4

College of Science and Mathematics 191

AGRI 3330	Beef Production Management	2
AGRI 4500/4501	Farm Planning and Management (and lab)	4
PSY 3130	Introduction to Educational Psychology	3
PSY 3200	Adolescent Development	3
EDUC 3040	Instructional Technology	3
SPED 3000	Introduction to Special Education	3

PreProfessional Program PreFood Technology (Two-Year Transfer Program)

Department of Agriculture

College of Science and Mathematics

Location: Sundquist Science Complex, D223

Phone: 931-221-7272

Website: www.apsu.edu/agriculture/

		Credit Hours
University-Wide Freshman Seminar Requirement		1
Specific General Education Requirements		9
ENGL 1010	English Composition I	3
ENGL 1020	English Composition II	3
COMM 1010	Fundamentals of Public Speaking	3
Lower Division Major Requirements		42
AGRI 1000	Survey of Agriculture	1
AGRI 1310	Animal Science	3
AGRI 1410/1411	Plant Science (and lab)	4
BIOL 1010/1011	Principles of Life (and lab)	4
BIOL 1020/1021	Diversity of Life (and lab)	4
PHYS 1010/1011	Conceptual Physics: Motion, Heat, and Sound (and lab)	4
PHYS 1020/1021	Conceptual Physics: Electricity, Light, and Modern Physics (and lab)	4
BIOL 2300/2301	Principles of Microbiology (and lab)	4
CHEM 1110/1111	General Chemistry (recitation and lab)	5
CHEM 1120/1121	General Chemistry (recitation and lab)	5
MATH 1730	Precalculus	4
Upper Division Major Requirements		9
AGRI 3500	Agriculture Economics	3
AGRI 4230	Land Use	3
BLAW 3300	Social, Legal, and Political Environment of Business	3

192 College of Science and Mathematics

PreProfessional Program PreForestry (Two-Year Transfer Program)

Department of Agriculture

College of Science and Mathematics

Location: Sundquist Science Complex, D223

Phone: 931-221-7272

Website: www.apsu.edu/agriculture/

Preforestry program is designed for transfer to University of Tennessee-Knoxville, but it can be adapted to provide transfer credit to other schools with a major in forestry.

	Credit Hours
University-Wide Freshman Seminar	1
Specific General Education Requirements	15
ENGL 1010 English Composition I	3
ENGL 1020 English Composition II	3
MATH 1530 Elements of Statistics	3
COMM 1010 Fundamentals of Public Speaking	3
ENGL 2030 Traditions in World Literature	3
Lower Division Major Requirements	29
AGRI 1000 Survey of Agriculture	1
AGRI 2210/2211 Soils (and lab)	4
BIOL 1010/1011 Principles of Life (and lab)	4
BIOL 1020/1021 Diversity of Life (and lab)	4
CHEM 1110/1111 General Chemistry (recitation and lab)	5
CHEM 1120/1121 General Chemistry (recitation and lab)	5
ECON 2010 Principles of Macroeconomics	3
MATH 1810 Elements of Calculus	3
Upper Division Major Requirements	20
AGRI 3000 Conservation	3
AGRI 4420/4421 Forestry (and lab)	3
AGRI 3220/3221 Soil and Water Conservation (and lab)	3
AGRI 3310/3311 Animal Nutrition and Feeding (and lab)	4
AGRI 4430 Genetics of Crops and Livestock	3
BIOL 4080/4081 General Ecology (and lab)	4

**PreProfessional Program
PreWildlife
(Two-Year Transfer Program)**

**Department of Agriculture
College of Science and Mathematics**

Location: Sundquist Science Complex, D223

Phone: 931-221-7269

Website: www.apsu.edu/agriculture

Students seeking employment as a wildlife manager or wildlife officer with Tennessee Wildlife Resources Agency can meet minimum qualifications at APSU by majoring in either Biology or Agri-Science and carefully selecting as electives the courses required by TWRA.

Students wanting a wildlife management major will need to transfer to another school. The prewildlife program below is designed for transfer to University of Tennessee-Martin, but it can be adapted to provide transfer credit to other schools with a major in wildlife management.

	Credit Hours
University-Wide Freshman Seminar Requirement	1
Specific General Education Requirements	21
ENGL 1010 English Composition I	3
ENGL 1020 English Composition II	3
MATH 1710 College Algebra	3
COMM 1010 Fundamentals of Public Speaking	3
ECON 2010 Principles of Macroeconomics	3
ENGL 2030 Traditions of World Literature	3
Humanities Core (see TBR Common Core)	3
Lower Division Major Requirements	26
AGRI 1410/1411 Plant Science (and lab)	4
AGRI 2210/2211 Soils (and lab)	4
BIOL 1020/1021 Diversity of Life (and lab)	4
BIOL 1010/1011 or 1110/1111 Principles of Life (and lab) or Principles of Biology (and lab)	4
CHEM 1110/1111 General Chemistry (recitation and lab)	5
CHEM 1120/1121 General Chemistry (recitation and lab)	5
Upper Division Major Requirements	17/18
AGRI 3220/3221 Soil and Water Conservation (and lab)	3
AGRI 3310/3311 Animal Nutrition and Feeding (and lab)	4
AGRI 4420/4421 Forestry (and lab)	3
BIOL 4080/4081 General Ecology (and lab)	4
<i>Select one from:</i>	
AGRI 4430 Genetics of Crops and Livestock	3
BIOL 4130/4131 Genetics (and lab)	4

Department of Allied Health Sciences

College of Science and Mathematics

Location: Sundquist Science Complex, D232

Phone: 931-221-6455

Website: [www.apsu.edu/allied health](http://www.apsu.edu/allied%20health)

MEDICAL TECHNOLOGY (B.S.)

The Medical Technology major is recommended for students interested in pursuing a career in the clinical laboratory or medical research. In addition, the Medical Technology major is excellent preparation for professional or graduate school and careers in research or industry. APSU has a four-year, campus-based program through affiliation with area hospitals. The courses which comprise the senior year include both campus-based didactic courses and practical courses at affiliate hospital clinical laboratories. Upon successful completion of the four-year program, a B.S. degree is awarded. A certificate is awarded for completion of the professional program.

ACCREDITATION

The Medical Technology program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences and the Medical Laboratory Board for the state of Tennessee.

ADMISSION REQUIREMENTS

Students must complete a separate admission packet to apply for the senior year. Requirements for acceptance include: overall grade point average of 2.5 or higher and with a "C" or better in science courses, application and essay, coursework completion, official transcripts, and references.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Specific General Education Requirements	14
CHEM 1110/1111 General Chemistry I (and lab)	5
CHEM 1120/1121 General Chemistry II (and lab)	5
MATH 1730 Precalculus	4
Lower Division Major Requirements	12
BIOL 2010/2011 Human Anatomy & Physiology I (and lab)	4
BIOL 2020/2021 Human Anatomy & Physiology II (and lab)	4
BIOL 2300/2301 Principles of Microbiology (and lab)	4
Upper Division Major Requirements	20
BIOL 3760/3761 Immunology and Serology (and lab)	4
CHEM 3500/3501 Brief Organic Chemistry (and lab)	4
CHEM 4300/4301 Brief Biochemistry (and lab)	4
MTEC 3940/3941 Fundamentals of Clinical Analysis (and lab)	4
<i>Select one from:</i>	
BIOL 4110/4111 Animal Physiology (and lab)	4
BIOL 4130/4131 Genetics (and lab)	4

College of Science and Mathematics 195

BIOL 4160/4161	Human Physiology (and lab)	4
BIOL 4440/4441	Cell and Molecular Biology (and lab)	4
BIOL 4450/4451	Biotechnology (and lab)	4

Senior Year/Professional Program 44

MTEC 4090	Clinical Hematology	4
MTEC 4290	Clinical Microbiology	4
MTEC 4390	Clinical Immunohematology/Serology	4
MTEC 4490	Clinical Chemistry/Urinalysis	4
MTEC 4730/4731	Diagnostic Microbiology II (and lab)	4
MTEC 4750	Management/Research/Education	3
MTEC 4900	Clinical Phlebotomy	1
MTEC 4910/4911	Hematology (and lab)	4
MTEC 4940/4941	Clinical Analysis I (and lab)	4
MTEC 4950/4951	Immunohematology (and lab)	4
MTEC 4970/4971	Clinical Analysis II (and lab)	4
MTEC 4980/4981	Diagnostic Microbiology I (and lab)	4

Program Total 120

RADIOLOGIC TECHNOLOGY (B.S.)

NUCLEAR MEDICINE AND ULTRASOUND TRACK

APSU has an affiliation with the Radiologic Technology School at the Vanderbilt University Medical Center. Degrees include Nuclear Medicine Technology or Ultrasonography. Students desiring to enter one of the programs of radiology should file applications to the appropriate program director at the beginning of the junior year. Students may be eligible for a B.S. degree absentia after successful completion of the professional program. Students may elect to transfer to other accredited professional schools of radiology after completing two years at APSU, and should consult with their academic advisor and select courses required by the particular school before registering for the sophomore year. Acceptance into a clinical program is competitive.

ADMISSION REQUIREMENTS

Students must complete a separate admission packet to apply to the senior year. Requirements for acceptance include: overall grade point average of 3.0 or above, a minimum of a "C" in all core courses, physical, application and essay, coursework completion, official transcripts, and references. Acceptance into the program is highly competitive.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
 Specific General Education requirements	
CHEM 1110/1111 General Chemistry I (and lab)	5
CHEM 1120/1121 General Chemistry II (and lab)	5
MATH 1530 Statistics	3
 Lower Division Major Requirements	 29/30
BIOL 2010/2011 Human Anatomy and Physiology I (and lab)	4

196 College of Science and Mathematics

BIOL 2020/2021	Human Anatomy and Physiology II (and lab)	4
CSCI 1000	Introduction to Computer Science	3
MATH 1730	Precalculus	4
PHYS 2010/2011	College Physics I (and lab)	5
PHYS 2020/2021	College Physics II (and lab)	5
RLTN 2050	Medical Terminology	1*
	*(required for ultrasonography only)	

Upper Division Major Requirements **4**

MTEC 3910/3911	Fundamentals of Hematology (and lab)	4
----------------	--------------------------------------	---

Senior Year/Professional Program **45**

RLTN 484A	Internship	45
-----------	------------	----

RADIOGRAPHY TRACK

APSU Radiologic Technology Program with the track of Radiography is a two-year (24-month), campus-based, course of studies. Students desiring to enter the program should file applications with the Radiography Program Director by the end of February, prior to the summer they would begin the program. Applicants must have completed all of the core requirements prior to beginning the professional phase of the radiography program. After successful completion of the professional phase, graduates will be eligible to sit for the national registry through the American Registry of Radiologic Technologists (ARRT).

ADMISSION REQUIREMENTS

Students must complete a separate admission packet to apply for the program. Requirements for acceptance include: overall grade point average of 2.5 or above, a minimum of a "C" in all core courses, physical, application and essay, coursework completion, official transcripts, and references. Acceptance into the program is competitive.

	Credit Hours
General Education (see TBR Common Core)	43
University-Wide Freshman Seminar Requirement	1

Specific General Education Requirements

CHEM 1110/1111	General Chemistry I (and lab)	5
CHEM 1120/1121	General Chemistry II (and lab)	5
MATH 1730	Precalculus	4

Lower Division Major Requirements **19**

BIOL 2010/2011	Human Anatomy and Physiology I (and lab)	4
BIOL 2020/2021	Human Anatomy and Physiology II (and lab)	4
PHYS 2010/2011	College Physics I (and lab)	5
PHYS 2020/2021	College Physics II (and lab)	5
RLTN 2050	Medical Terminology	1

Upper Division Major Requirements **61**

RLTN 3000	Introduction to Radiologic Technology	2
RLTN 3010	Patient Care and Interaction	3
RLTN 3020	Image Production and Evaluation I	3
RLTN 3030	Radiographic Procedures I	5

RLTN 3040	Radiographic Image Analysis	3
RLTN 3080	Introduction to Clinical Education	2
RLTN 3082	Clinical Education I	2
RLTN 3083	Clinical Education II	2
RLTN 3115	Image Production and Evaluation II	3
RLTN 3116	Radiobiology and Radiation Protection	3
RLTN 3117	Quality Control in Radiologic Technology	2
RLTN 3140	Radiographic Procedures II	5
RLTN 4030	Radiographic Procedures III	3
RLTN 4032	Clinical Education III	2
RLTN 4084	Clinical Education IV	3
RLTN 4085	Clinical Education V	3
RLTN 4116	Radiation Physics	4
RLTN 4550	Radiographic Pathology	3
RLTN 4570	Management in Radiographic Technology	2
RLTN 4580	Research Methodology in Radiographic Technology	3
RLTN 4590	Registry Review for Radiographic Technologists	3

Department of Biology

College of Science and Mathematics

Location: Sundquist Science Complex, D125

Phone: 931-221-7781

Website: www.apsu.edu/biol_page/

Austin Peay State University's department of biology provides an intellectual and motivational environment for career development in many areas of biology. Students can pursue training in field biology and zoology, animal and plant physiology, microbiology, and environmental assessment.

BIOLOGY (B.A., B.S.)

The program of study in biology provides students with a broad training in the diverse areas of biological sciences.

		Credit Hours
General Education (see TBR Common Core)		41
University-Wide Freshman Seminar Requirement		1
Lower Division Major Requirements		14
BIOL 1110	Principles of Biology	4
CHEM 1110	General Chemistry I	5
CHEM 1120	General Chemistry II	5
Upper Division Major Requirements		28
BIOL 3050	Microbial Diversity	4
BIOL 3060	Zoological Diversity	4
BIOL 3070	Botanical Diversity	4
BIOL 4080	General Ecology	4

198 College of Science and Mathematics

BIOL 4130	Genetics	4
BIOL 4440	Cell and Molecular Biology	4
BIOL 4110 or 4120	Animal Physiology or Plant Physiology	4

Major Electives 4

BIOL 3330	Principles of Evolution	4
BIOL 3730	Medical Microbiology	4
BIOL 3760	Immunology and Serology	4
BIOL 4020	Biological Sciences and Geographic Information Systems	4
BIOL 4040	Histology	4
BIOL 4050	Field Botany	4
BIOL 4070	Animal Behavior	4
BIOL 4100	Biostatistics	4
BIOL 4110	Animal Physiology	4
BIOL 4120	Plant Physiology	4
BIOL 4160	Human Physiology	4
BIOL 4200	General Embryology	4
BIOL 4300	Bacteriology	4
BIOL 4340	Phycology	4
BIOL 4350	Field Zoology	4
BIOL 4450	Biotechnology	4
BIOL 4500	Research	4
BIOL 4540	Plant Ecology	4
BIOL 4560	Aquatic Macroinvertebrates	4
BIOL 4600	Parasitology	4
BIOL 4620	Ornithology	4

Free Electives 40

Any course in the University curriculum

Total Hours 120

MINOR Credit Hours

BIOL 1110	Principles of Biology	4
CHEM 1110	General Chemistry I	5
CHEM 1120	General Chemistry II	5

Series 1 4

BIOL 3050 or 3060 or 3070
Microbial Diversity or Zoological Diversity
or Botanical Diversity

Series 2 4

BIOL 4050 or 4080 or 4350
Field Botany or General Ecology or Field Zoology

Series 3 4

BIOL 4110 or 4120 or 4440
Animal Physiology or Plant Physiology
or Cell and Molecular Biology

Series 4 4
 BIOL 3330 or 4130
 Principles of Evolution or Genetics

The minor must include four (4) hours each from botany and zoology courses selected with advisor approval.

BIOLOGY– TEACHING LICENSURE

Students who complete the prescribed courses are eligible to obtain licensure for grades 7-12, and must be accompanied by the Professional Education minor.

	Credit Hours
General Education (see TBR Common Core)	41
MATH 1530 Statistics recommended core math option	
University-Wide Freshman Seminar Requirement	1
Lower Division Major Requirements	4
BIOL 1110 Principles of Biology	4
Upper Division Major Requirements	27
BIOL 3060 Zoological Diversity	4
BIOL 3070 Botanical Diversity	4
BIOL 4080 General Ecology	4
BIOL 4440 Cell and Molecular Biology	4
BIOL 4400 Teaching Science in High School	3
Series 1	4
BIOL 4110 or 4120 Animal Physiology or Plant Physiology	
Series 2	4
BIOL 3050 or 3330 or 4130 Microbial Diversity or Principles of Evolution or Genetics	
Required Related Courses	24
<i>Complete selections from the following three series:</i>	
Series 1 (8-hour chemistry series)	8
CHEM 1010 Chemistry Society and Environment I	
CHEM 1020 Chemistry Society and Environment II	
OR	
CHEM 1110 General Chemistry I	
CHEM 1120 General Chemistry II	
Series 2 (8-hour physics series - complete either Option 1 or Option 2)	8
Option 1	
PHYS/CHEM 1710 Introduction to Chemistry and Physics	
<i>and one of the following</i>	
ASTR 1010 Planetary Astronomy	
OR	
ASTR 1020 Stellar Astronomy	

200 College of Science and Mathematics

Option 2

PHYS 1010	Conceptual Physics I	
PHYS 1020	Conceptual Physics II	

Series 3 (8-hour geology series)

8

GEOL 1040	Physical Geology
GEOL 1050	Historical Geology

Free Electives

Any course in the University curriculum

24

Credit Hours
23

PROFESSIONAL EDUCATION MINOR Required for licensure in all endorsement areas: K-6, 4-8, 7-12, and K-12

Required for licensure in all endorsement areas: K-6, 4-8, 7-12, and K-12. Successful completion of this minor, successful completion of Clinical Practice (with seminar), and Tennessee-mandated licensure examinations leads to teaching licensure for grades K-6, 4-8, 5-8, 7-12, and K-12. Testing requirements, electronic portfolio development, and other pre-requisites for provisional admission and full admission to Teacher Education will require consultation with an education advisor. For students not seeking licensure but a minor in Professional Education, contact the School of Education Director.

EDUC 2100	Foundations of Education	2
EDUC 3040	Instructional Technology	3
EDUC 3070	Instructional Strategies	3
EDUC 4080	Classroom Management	3
EDUC 4160	Teaching Diverse Students	3
EDUC 4270	Evaluation and Assessment	3
PSY 3130	Introduction to Educational Psychology	3
SPED 3000	Introduction to Special Education	3

Free Electives

Any course in the University curriculum

Total Hours

120

BIOLOGY TEACHING ADD-ON ENDORSEMENT

Students who hold an undergraduate degree, Tennessee licensure, and are admitted to the University may complete the following program to obtain an endorsement to teach biology in Tennessee secondary schools.

Upper Division Major Requirements

20

BIOL 3060	Zoological Diversity	4
BIOL 3070	Botanical Diversity	4
BIOL 4080	General Ecology	4

Series 1	4
BIOL 4110 or 4120 or 4440	
Animal Physiology or Plant Physiology or Cell and Molecular Biology	
Series 2	4
BIOL 3050 or 3330 or 4130	
Microbial Diversity or Principles of Evolution or Genetics	

PreOptometry

Department of Biology

College of Science and Mathematics

Location: Sundquist Science Complex, D125

Phone: 931-221-7781

Optometry is the primary health profession dedicated to caring for vision. Through academic and clinical training, optometrists acquire the knowledge and skills needed to diagnose, treat, and prevent problems of the visual system. A Doctor of Optometry receives four (4) years of specialized professional education and clinical training at an accredited school of optometry, after completion of their undergraduate prerequisites.

ADMISSION INTO OPTOMETRY SCHOOL

The minimum entrance requirement for optometry school is three (3) years of college (90 college credit hours). However, the academic programs tend to be very rigorous. Ninety-six percent of students admitted by the Southern College of Optometry in Memphis, TN, today have a B.S. degree or higher with an average of 3.3 GPA. The course requirements are slightly different for each optometry school. You may visit the Association of Schools and Colleges of Optometry's Website at www.opted.org to determine the specific requirements for each school. For more information, contact the Biology Department at 931-221-7781.

PROGRAM REQUIREMENTS

Student applicants are also required to complete the Optometry Admission Test (OAT) as a prerequisite to admission. Please contact department for a list of required courses and suggested programs of study.

PrePhysical Therapy

The Pre-Physical Therapy program of study provides a guide for satisfying the various academic requirements for graduate Physical Therapy (PT) programs. A major in Biology with a minor in Health and Human Performance (HHP) will meet the general requirements of most programs. However, most graduate-level Physical Therapy programs do not require a specific major, but do require a baccalaureate degree. For more information, contact Dr. Cindy Taylor in the Biology Department at 931-221-7784 or e-mail taylorlc@apsu.edu.

PreProfessional Health

College of Science and Mathematics

As an additional option to the preprofessional curricula offered in dentistry, pharmacy, medicine, and veterinary medicine, APSU offers preprofessional programs of study in dental hygiene, optometry, and physical therapy. Other preprofessional programs are provided by special faculty advisement. Professional programs in the Allied Health specialties of Medical Technology and Radiological Technology are offered by the Department of Allied Health Sciences.

Qualified graduates in these areas are in demand to fill positions in the health-care field, such as public health units, hospitals, research and industrial laboratories, medical clinics, military service units, and university laboratories.

Department of Chemistry

College of Science and Mathematics

Location: Sundquist Science Complex, A308

Phone: 931-221-7626

Website: http://www.apsu.edu/chem_page/

The department strives to prepare its students for a wide variety of career options. Graduates directly enter the workforce as highly skilled chemists or teachers, or pursue further education upon entrance to professional schools (graduate, medicine, dentistry, pharmacy).

CHEMISTRY - ACS Certified (B.S.)

Students who complete the prescribed courses with a grade of "C" or better in each will be certified to the American Chemical Society (ACS) as having completed a course of study which is appropriate for a professional chemist and has been approved by the ACS. The maximum number of transfer credits in chemistry is 16 hours from a community college or four-year college without an ACS approved program, or 32 hours from a four-year college with an ACS approved program.

ACCREDITATION

The Chemistry Department received accreditation by the American Chemical Society (ACS) in 1991 and continues its commitment to maintaining this accreditation.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Specific General Education Requirements	20
MATH 1910 Calculus and Analytic Geometry	5
MATH 1920 Calculus and Analytic Geometry	5
PHYS 2110 University Physics	5
PHYS 2120 University Physics	5

Lower Division Major Requirements **10**

CHEM 1110	General Chemistry	5
CHEM 1120	General Chemistry	5

Upper Division Major Requirements **36**

CHEM 3210	Quantitative Analysis	4
CHEM 3220	Instrumental Analysis	4
CHEM 3440	Inorganic Chemistry	4
CHEM 3510	Organic Chemistry	4
CHEM 3520	Organic Chemistry	4
CHEM 3610	Physical Chemistry	4
CHEM 3620	Physical Chemistry	4
CHEM 4000	Seminar	1
CHEM 4310	Biochemistry	4
CHEM 4940	Elements of Research	2
CHEM 4990	Research Thesis	1

Major Electives **4**

CHEM 4240	Advanced Instrumental Methods	4
CHEM 4320	Biochemistry	4
CHEM 4440	Advanced Inorganic Chemistry	4
CHEM 4540	Organic Spectroscopy	4
CHEM 4550	Advanced Organic Chemistry	4

CHEMISTRY (B.S.)

Transfer students are required to complete two (2) semesters of resident chemistry courses.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Specific General Education Requirements	15
<i>Five hours of MATH and one sequence of PHYS:</i>	
MATH 1910 Calculus and Analytic Geometry	5
or	
MATH 1920 Calculus and Analytic Geometry	5
PHYS 2010 College Physics	5
PHYS 2020 College Physics	5
or	
PHYS 2110 University Physics	5
PHYS 2120 University Physics	5
Lower Division Major Requirements	10
CHEM 1110 General Chemistry	5
CHEM 1120 General Chemistry	5
Upper Division Major Requirements	17
CHEM 3210 Quantitative Analysis	4
CHEM 3440 Inorganic Chemistry	4

204 College of Science and Mathematics

CHEM 3500	Brief Organic Chemistry	4
or		
CHEM 3510	Organic Chemistry	4
CHEM 3610	Physical Chemistry	4
CHEM 4000	Seminar	1
Complete any two sequences:		8
CHEM 3210	Quantitative Analysis	4
CHEM 3220	Instrumental Analysis	4
CHEM 3440	Inorganic Chemistry	4
CHEM 4440	Advanced Inorganic Chemistry	4
CHEM 3510	Organic Chemistry	4
CHEM 3520	Organic Chemistry	4
CHEM 3610	Physical Chemistry	4
CHEM 3620	Physical Chemistry	4
CHEM 4310	Biochemistry	4
CHEM 4320	Biochemistry	4
Major Electives		3
CHEM 3220	Instrumental Analysis	4
CHEM 3520	Organic Chemistry	4
CHEM 3620	Physical Chemistry	4
CHEM 3700	Forensic Science	3
CHEM 3840	Chemical Literature	3
CHEM 4240	Advanced Instrumental Methods	4
CHEM 4310	Biochemistry	4
CHEM 4340	Advanced Biochemistry	4
CHEM 4350	Physical Biochemistry	4
CHEM 4440	Advanced Inorganic Chemistry	4
CHEM 4460	Materials Chemistry	4
CHEM 4540	Organic Spectroscopy	4
CHEM 4550	Advanced Organic Chemistry	4
CHEM 4840	Selected Topics in Chemistry	3
CHEM 4940	Elements of Research	2
CHEM 4990	Research Thesis	1

NOTE: Concentration is not necessary to be a Chemistry Major.

BIOCHEMISTRY CONCENTRATION

This concentration of the chemistry major provides a curriculum well suited for students with interests at the intersection of biology and chemistry. This concentration is distributive and sets forth a curriculum geared toward professional careers and prepares students for entry into the biotechnology workforce or for graduate school in the biomedical sciences. Preprofessional students (premedicine, predentistry, prepharmacy) are encouraged to follow this program.

College of Science and Mathematics 205

		Credit Hours
General Education (see TBR Common Core)		41
University-Wide Freshman Seminar Requirement		1
Specific General Education Requirements		19
BIOL 1110	Principles of Biology	4
MATH 1910	Calculus and Analytic Geometry	5
or		
MATH 1920	Calculus and Analytic Geometry	5
PHYS 2010	College Physics	5
PHYS 2020	College Physics	5
or		
PHYS 2110	University Physics	5
PHYS 2120	University Physics	5
Lower Division Major Requirements		10
CHEM 1110	General Chemistry	5
CHEM 1120	General Chemistry	5
Upper Division Major Requirements		45
CHEM 3210	Quantitative Analysis	4
CHEM 3220	Instrumental Analysis	4
or		
CHEM 3440	Inorganic Chemistry	4
CHEM 3510	Organic Chemistry	4
CHEM 3520	Organic Chemistry	4
CHEM 3610	Physical Chemistry	4
CHEM 4000	Seminar	1
CHEM 4310	Biochemistry	4
CHEM 4320	Biochemistry	4
CHEM 4340	Advanced Biochemistry	4
BIOL 3050	Microbial Diversity	4
BIOL 4130	Genetics	4
BIOL 4450	Biotechnology	4
Major Electives		4
BIOL 4110	Animal Physiology	4
BIOL 4120	Plant Physiology	4
BIOL 4160	Human Physiology	4

FORENSIC CHEMISTRY CONCENTRATION

This concentration is designed to meet the minimum requirements for a student to attend a graduate program in forensic science, or to apply for a position in the drugs/toxicology or ballistics/trace evidence division of a forensic science lab (although each program may have additional requirements). This concentration fulfills a growing need for students

206 College of Science and Mathematics

who desire to enter into the chemical and physical aspects of forensics, a career that utilizes a hearty combination of chemistry, biology, calculus, and physics.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Specific General Education Requirements	35
BIOL 1110 Principles of Biology	4
CHEM 1110 General Chemistry	5
CHEM 1120 General Chemistry	5
MATH 1530 Statistics	3
MATH 1910 Calculus and Analytic Geometry	5
PHYS 2010 College Physics	5
PHYS 2020 College Physics	5
or	
PHYS 2110 University Physics	5
PHYS 2120 University Physics	5
POLS 2010 American National Government	3
or	
POLS 2040 Introduction to Public Policy	3
Lower Division Major Requirements	10
CHEM 1110 General Chemistry	5
CHEM 1120 General Chemistry	5
Upper Division Major Requirements	44
CHEM 3210 Quantitative Analysis	4
CHEM 3220 Instrumental Analysis	4
CHEM 3440 Inorganic Chemistry	4
CHEM 3510 Organic Chemistry	4
CHEM 3520 Organic Chemistry	4
CHEM 3610 Physical Chemistry	4
CHEM 3700 Forensic Science	3
CHEM 4000 Seminar	1
CHEM 4310 Biochemistry	4
CHEM 4320 Biochemistry	4
CHEM 4750 Forensic Laboratory Methods	3
CHEM 4790 Forensic Chemistry Internship	2
CRJ 3020 Criminal Evidence and Procedures	3
or	
CRJ 3210 Medico-Legal Forensics	3

Major Electives		4
CHEM 3620	Physical Chemistry	4
or		
CHEM 4440	Advanced Inorganic	4
or		
CHEM 4460	Materials Chemistry	4

FORENSIC BIOCHEMISTRY CONCENTRATION

This concentration is designed to meet the minimum requirements for a student to attend a graduate program in forensic science, or to apply for a position in the DNA/serology division of a forensic science lab (although each program may have additional requirements). This concentration fulfills a growing need for students who desire to enter into the biological aspect of forensics, a career that utilizes a hearty combination of chemistry, biology, calculus, and physics.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1

Specific General Education Requirements 35

BIOL 1110	Principles of Biology	4
CHEM 1110	General Chemistry	5
CHEM 1120	General Chemistry	5
MATH 1530	Statistics	3
MATH 1910	Calculus and Analytic Geometry	5
PHYS 2010	College Physics	5
PHYS 2020	College Physics	5
or		
PHYS 2110	University Physics	5
PHYS 2120	University Physics	5
POLS 2010	American National Government	3
or		
POLS 2040	Introduction to Public Policy	3

Lower Division Major Requirements 10

CHEM 1110	General Chemistry	5
CHEM 1120	General Chemistry	5

Upper Division Major Requirements 42

CHEM 3210	Quantitative Analysis	4
CHEM 3440	Inorganic Chemistry	4
CHEM 3510	Organic Chemistry	4
CHEM 3520	Organic Chemistry	4
CHEM 3610	Physical Chemistry	4
CHEM 3700	Forensic Science	3
CHEM 4000	Seminar	1

208 College of Science and Mathematics

CHEM 4310	Biochemistry	4
CHEM 4320	Biochemistry	4
CHEM 4790	Forensic Chemistry Internship	2
BIOL 4130	Genetics	4
BIOL 4440	Cellular and Molecular Biology	4

Major Electives 15

BIOL 2300	Principles of Microbiology	4
or		
BIOL 3050	Microbial Diversity	4
BIOL 4450	Biotechnology	4
or		
CHEM 4340	Advanced Biochemistry	4
BIOL 3760	Immunology	4
or		
MTEC 3940	Fundamentals of Clinical Analysis	4
CRJ 3020	Criminal Evidence and Procedures	3
or		
CRJ 3210	Medico-Legal Forensics	3

Credit Hours

22

CHEMISTRY MINOR

CHEM 1110	General Chemistry	5
CHEM 1120	General Chemistry	5

Complete any one sequence:

CHEM 3210	Quantitative Analysis	4
CHEM 3220	Instrumental Analysis	4
CHEM 3440	Inorganic Chemistry	4
CHEM 4440	Advanced Inorganic Chemistry	4
CHEM 3510	Organic Chemistry	4
CHEM 3520	Organic Chemistry	4
CHEM 3610	Physical Chemistry	4
CHEM 3620	Physical Chemistry	4
CHEM	Chemistry Elective	4

Credit Hours

29

FORENSIC CHEMISTRY MINOR

This minor is designed to meet the minimum requirements for a student to attend a graduate program in forensic science or to apply for a position in a forensic science laboratory (although each program may have additional requirements).

CHEM 1110	General Chemistry	5
CHEM 1120	General Chemistry	5

College of Science and Mathematics 209

CHEM 3210	Quantitative Analysis	4
CHEM 3700	Forensic Science	3
CHEM 3220	Instrumental Analysis	4
or		
CHEM 3440	Inorganic Chemistry	4
CHEM 3500	Brief Organic Chemistry	4
or		
CHEM 3510	Organic Chemistry	4
BIOL 3940	Fundamentals of Clinical Analysis	4
or		
BIOL 4450	Biotechnology	4

CHEMISTRY - TEACHING LICENSURE

Students who complete the prescribed courses are eligible to become licensed to teach chemistry and general science in grades 7-12. (Student teaching is required for licensure.) An additional science endorsement may be obtained with advisor approval.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Lower Division Major Requirements	35-37
CHEM 1110 General Chemistry	5
CHEM 1120 General Chemistry	5
PHYS 1010, 1020 Conceptual Physics	8
or	
PHYS 2010, 2020 College Physics	10
or	
PHYS 2110, 2120 University Physics	10
BIOL 1110 Principles of Biology	4
GEOL 1040 Physical Geology	4
GEOL 1050 Historical Geology	4
MATH 1910 Calculus and Analytic Geometry	5
Upper Division Major Requirements	15
CHEM 3210 Quantitative Analysis	4
CHEM 3440 Inorganic Chemistry	4
CHEM 3610 Physical Chemistry	4
CHEM 4400 Teaching Science in High School	3
Major Electives	8
CHEM 3500 Brief Organic Chemistry	4
or	
CHEM 3510 Organic Chemistry	4

210 College of Science and Mathematics

CHEM 4300	Brief Biochemistry	4
or		
CHEM 4310	Biochemistry	4

PROFESSIONAL EDUCATION MINOR

35

Successful completion of this minor, Clinical Practice (with seminar), and Tennessee-mandated licensure examinations leads to teaching licensure for grades K-6, 4-8, 5-8, 7-12, and K-12. Testing requirements, electronic portfolio development, and other prerequisites for provisional admission and full admission to Teacher Education will require consultation with an education advisor. For students not seeking licensure but a minor in Professional Education, contact the College of Education.

EDUC 2100	Foundations of Education	2
EDUC 3040	Instructional Technology	3
EDUC 3070	Instructional Strategies	3
EDUC 4080	Classroom Management	3
EDUC 4160	Teaching Diverse Students	3
EDUC 4270	Evaluation and Assessment	3
PSY 3130	Introduction to Educational Psychology	3
SPED 3000	Introduction to Special Education	3

CHEMICAL ENGINEERING TECHNOLOGY (A.A.S.)

This program is a two-year curriculum leading to the Associate's of Applied Science (A.A.S.) in Chemical Engineering Technology (CHET) and prepares the graduate to enter the workforce as a chemical technician or process operator. Typical employers will be chemical industries, energy utilities, and manufacturing industries. Successful completion of this program does not guarantee employment with any specific industry or company. Therefore, to be competitive for scholarships and to be competitive in the job market, the student should complete all classes with at least a grade of "C" or better. The student must complete prerequisite courses (CHEM 1010, 1011, 1040, 1041, 1310, 1320, MATH 1110 or MATH 1530, PHYS 1020, PHYS 1021) and complete the CHET program application process to be admitted into CHET courses.

	Credit Hours	
General Education	20	
University-Wide Freshman Seminar Requirement	1	
(only required for Conditional Admit students)		
Specific General Education Requirements	20	
CHEM 1010	Chemistry: Society and Environment	4
MATH 1110	Algebraic Problem Solving	3
MATH 1530	Statistics	3
PHYS 1020	Conceptual Physics	4
ENGL 1010	English Composition	3
COMM 1010	Public Speaking	3
Lower Division Major Requirements	40	
CHEM 1040	Industrial Chemistry	4

College of Science and Mathematics 211

CHEM 1310	Introduction to Process Industries	2
CHEM 1320	Introduction to Process Operations	2
CHET 2010	Process Instrumentation	5
CHET 2100	Fundamentals of Chemical Engineering	3
CHET 2140	Quality Control	3
CHET 2131	Mechanical Systems Lab	1
CHET 2020	Process Troubleshooting	3
CHET 2030	Process Operations Management	3
CHET 2150	Selected Topics in Chemical Industry	3
CHET 2161	Advanced Instrumentation Lab	2
or		
CHET 2190	Chemical Industry Internship	2
CSCI 1005	Computer Hardware and Software	3
ENGL 1100	Technical Writing	3
HIST 2040	History and Environmental Impact of Technology	3

PreDental Hygiene (Two-Year Transfer Program)

Department of Chemistry

College of Science and Mathematics

Location: Sundquist Science Complex, A308

Phone: 931-221-7626

Website: www.apsu.edu/chem_page

Students who expect to apply for admission to a school of dental hygiene should obtain, from that school, the pre dental hygiene curriculum requirements since requirements may vary among schools. The two-year program of pre dental hygiene study described below is designed primarily for those students who intend to apply for admission to the University of Tennessee (Memphis) Department of Dental Hygiene.

Admission Requirements

Admission to dental hygiene programs is competitive. A minimum grade point average of 2.50 is required. However, in order for an applicant to be competitive, the minimum GPA should be 3.0 with grades of "C" or better in required prerequisites.

		Credit Hours
University-Wide Freshman Seminar Requirement		1
Specific General Education Requirements		24
ENGL 1010	English Composition I	3
ENGL 1020	English Composition II	3
ENGL 2030	Traditions in World Literature	3
PSY 1010	General Psychology	3
SOC 2010	Introduction to Sociology	3
SOC 2050	Social Problems	3
COMM 1010	Fundamentals of Public Speaking	3

212 College of Science and Mathematics

MATH 1010 Mathematical Thought and Practice 3

Lower Division Major Requirement 28

BIOL 1010 Principles of Life 4

BIOL 2010 Human Anatomy and Physiology 4

BIOL 2020 Human Anatomy and Physiology 4

BIOL 2300 Principles of Microbiology 4

CHEM 1010 Chemistry: Society and the Environment 4

CHEM 1020 Chemistry: Society and the Environment 4

Electives 12

PreDentistry (Three- or Four-Year Program)

Department of Chemistry

College of Science and Mathematics

Location: Sundquist Science Complex, A308

Phone: 931-221-7626

Website: www.apsu.edu/chem_page/

The pre dental curriculum is designed to meet the requirements of the College of Dentistry of the University of Tennessee at Memphis. Most pre dental students complete a bachelor's degree before entering dental school. A degree in absentia is available from APSU upon satisfactory completion of the first year of dental school, provided degree before in absentia requirements have been met (see page 73).

Program Requirements

Admission to dental students is competitive. Applicants should have a minimum GPA of 3.0 with grades of "C" or better in required prerequisites. The DAT (Dental Admissions Test) should be taken in the spring semester of the junior year.

	Credit Hours
General Education (see TBR Common Core)	41

*Science Requirements (see below for General Education).

University-Wide Freshman Seminar Requirement	1
---	---

Minimum Requirements	92
-----------------------------	----

**Must include the following:*

General Biology	8
-----------------	---

Chemistry (General, Organic and Biochemistry)	22
---	----

General Physics	10
-----------------	----

English (Composition and/or Literature)	6
---	---

Electives	46
-----------	----

Lower Division Requirements	28
------------------------------------	----

BIOL 1110 Principles of Biology	4
---------------------------------	---

CHEM 1110 General Chemistry	5
-----------------------------	---

CHEM 1120 General Chemistry	5
-----------------------------	---

MATH 1730	Precalculus	4
PHYS 2010	College Physics	5
PHYS 2020	College Physics	5

Upper Division Requirements 20

BIOL 3060	Zoological Diversity	4
BIOL 3050	Microbial Diversity	
or		
BIOL 4040	Histology	4
CHEM 3510	Organic Chemistry	4
CHEM 3520	Organic Chemistry	4
CHEM 4300	Brief Biochemistry	4
or		
CHEM 4310	Biochemistry	4

Electives 6

It is strongly recommended that elective courses be chosen from the following: biochemistry, upper division biology courses (e.g., genetics, comparative anatomy, developmental biology, cell biology, histology, microbiology, molecular biology, physiology, and neurobiology). Suggested non-science coursework should be selected from courses in the social sciences, philosophy, psychology, business administration, economics, public speaking, and computer science.

PreMedicine (Four-Year Program)

Department of Chemistry
College of Science and Mathematics
 Location: Sundquist Science Complex, A308
 Phone: 931-221-7626
 Website: www.apsu.edu/chem_page/

Accredited schools of medicine regularly require that the applicant hold a bachelor's degree. The completion of the following curriculum leads to the bachelor's degree conferred by APSU before the student attends the professional school. The premedical curriculum is designed to meet the requirements of the University of Tennessee, Memphis.

Since competition for positions in medical schools is very keen, completion of all these enumerated requirements in no way guarantees that the applicant will be admitted to a medical school. The applicant should always have an alternate career in mind and should select his/her major, minor, and electives in such a way as to support the alternate career. Students should complete a strong major and minor.

It is important to have a strong academic record with a good foundation in the basic sciences and liberal arts. See the web page at www.apsu.edu/robertsonr/premed/premedadvisement.htm for more detailed information and links to medical schools.

214 College of Science and Mathematics

ADMISSION INTO MEDICAL SCHOOL

Most medical schools require the applicant to:

- Take the Medical College Admission Test (MCAT)
- Be interviewed personally by the medical school

Specific Requirements

General Biology (8 hours)
General Chemistry (10 hours)
Organic Chemistry (8 hours)
General Physics (10 hours)
English Composition (6 hours)

- Behavioral sciences (psychology, sociology, etc.) ARE considered valuable.
- The degree applicant must have an excellent academic record.
- CHECK with the medical school to determine additional required courses for admission.

Requirements when applicant reaches junior and senior years:

Ideally students should take the MCAT in the spring of the junior year or in the summer between the junior and senior years. Application to medical school should also be made in the summer between the junior and senior years for entrance to medical school the fall of the following calendar year. Individual circumstances can change this time frame.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Specific General Education Requirements	10
MATH 1730 or higher	
Precalculus or higher	4
ENGL 1010 English Composition I	3
ENGL 1020 English Composition II	3
Lower Division Requirements	24
BIOL 1110 Principles of Biology	4
CHEM 1110 General Chemistry	5
CHEM 1120 General Chemistry	5
PHYS 2010 College Physics	5
PHYS 2020 College Physics	5
Upper Division Requirements	12
BIOL 3060 Zoological Diversity	4
CHEM 3510 Organic Chemistry	4
CHEM 3520 Organic Chemistry	4

Major Courses - variable depending on major

Electives - variable depending on major

It is strongly recommended that elective science courses be chosen from the following: bio-chemistry, upper division biology courses (such as: genetics, developmental biology, cell

biology, microbiology, molecular biology, and physiology). Suggested non-physical or biological science coursework should be selected from a range of areas to acquire a broad cultural background with perhaps a special emphasis on the behavioral sciences.

PrePharmacy (Two-Year Transfer Program)

Department of Chemistry

College of Science and Mathematics

Location: Sundquist Science Complex, A308

Phone: 931-221-7626

Website: www.apsu.edu/chem_page/

Most pharmacy schools require at least two years of pre-pharmacy work (60+ credits), and many require at least three years (90+ credits). See the three-year program on the next page. The following program is designed to meet the two-year requirements and is based on the pharmacy programs offered in Nashville.

Students should obtain from the pharmacy school to which they intend to apply, a complete listing of the admission requirements. Since admissions requirements vary among schools, the program below may need to be modified to fit the requirements of a particular pharmacy school.

Requirements for Pharmacy Schools

Many pharmacy schools require applicants to take the Pharmacy College Admission Test (PCAT).

	Credit Hours
University-Wide Freshman Seminar Requirement	1
Specific General Education Requirements	24
ENGL 1010 English Composition I	3
ENGL 1020 English Composition II	3
ENGL 2030 Traditions in World Literature	3
MATH 1530 Elements of Statistics	3
COMM 1010 Fundamentals of Public Speaking	3
PSY 1010 General Psychology	3
ECON 2010 Principles of Macroeconomics	3
<i>Select two from:</i>	
HIST 2010 American History I	3
HIST 2020 American History II	3
HIST 2030 History of Tennessee	3
Lower Division Requirements	24
BIOL 1110 Principles of Biology	4
CHEM 1110 General Chemistry	5
CHEM 1120 General Chemistry	5
MATH 1910 Calculus and Analytic Geometry	5
PHYS 2010 College Physics	5

216 College of Science and Mathematics

Upper Division Requirements **12**

BIOL 3060	Zoological Diversity	4
CHEM 3510	Organic Chemistry	4
CHEM 3520	Organic Chemistry	4

Electives **6**

Social sciences, humanities, writing, additional science courses are suggested.

PrePharmacy (Three-Year Transfer Program)

Department of Chemistry

College of Science and Mathematics

Location: Sundquist Science Complex, A308

Phone: 931-221-7626

Website: www.apsu.edu/chem_page/

Many pharmacy schools require at least two years of pre-pharmacy work (60+ credits). See the two-year program on the previous page. However, several pharmacy schools require at least three years (90+ credits). The following program is designed to meet the three-year requirements.

Students should obtain from the pharmacy school to which they intend to apply, a complete listing of the admission requirements. The three year program of prepharmacy study described below is designed primarily for those students who intend to apply for admission to the University of Tennessee (Memphis) Department of Pharmacy. Since admission requirements vary among schools, the program below may need to be modified to fit the requirements of a particular pharmacy school.

Students in the three-year program desiring to earn a degree in *in absentia* may do so by meeting the requirements on page 73.

Requirements for Pharmacy Schools

Many pharmacy schools require applicants to take the Pharmacy College Admission Test (PCAT).

	Credit Hours	
University-Wide Freshman Seminar Requirement	1	
Specific General Education Requirements	30	
ENGL 1010	English Composition I	3
ENGL 1020	English Composition II	3
ENGL 2030*	Traditions in World Literature	3
MATH 1530	Elements of Statistics	3
MATH 1730	Precalculus	4
MATH 1910	Calculus and Analytic Geometry	5
HIST 2010*	American History I	3
PSY 1010	General Psychology	3
ECON 2010	Principles of Macroeconomics	3

College of Science and Mathematics 217

Lower Division Requirements		36
CHEM 1110	General Chemistry	5
CHEM 1120	General Chemistry	5
BIOL 1110	Principles of Biology	4
BIOL 2300	Principles of Microbiology	4
BIOL 2010	Human Anatomy and Physiology	4
BIOL 2020	Human Anatomy and Physiology	4
PHYS 2010	College Physics	5
PHYS 2020	College Physics	5
Upper Division Requirements		24
BIOL 3060	Zoological Diversity	4
BIOL 3760	Immunology and Serology	4
CHEM 3510	Organic Chemistry	4
CHEM 3520	Organic Chemistry	4
CHEM 4310	Biochemistry	4
CHEM 4320	Biochemistry	4

*UT Memphis requires six (6) hours from literature, history, language, or philosophy. Other schools require both history and literature.

Department of Computer Science and Information Technology

College of Science and Mathematics

Location: Claxton, 304

Phone: 931-221-7840

Website: www.apsu.edu/csit

COMPUTER SCIENCE AND INFORMATION SYSTEMS (B.S.)

The Bachelor of Science degree with a major in Computer Science and Information Systems has four concentrations. A student must complete one of the concentrations and either a minor or a second concentration. A minor in General Business is recommended for the Information Systems, Internet and Web Technology, and Database Administration concentrations. Students in the Computer Science concentration may earn a mathematics minor by taking one additional course, MATH 2110.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1

Select one of the following concentrations:

	Credit Hours
COMPUTER SCIENCE CONCENTRATION	48-50

This program concentrates on the technical areas of computing with an emphasis on programming and algorithm design. It includes a significant mathematics component.

218 College of Science and Mathematics

CSCI 1010	Introduction to Programming I	3
CSCI 2010	Introduction to Programming II	3
CSCI 3250	Data Structures and Algorithm Analysis	3
CSCI 3400	Computer Organization I	3
CSCI 3410	Computer Organization II	3
CSCI 4100	Operating Systems and Architecture	3
CSCI 4230	Programming Languages	3
CSCI 4800	Computer Science and Information Systems Seminar	1
CSCI 2060 or CSCI 2070 or CSCI 2080	ANS COBOL Programming or Programming in Selected Languages I or Programming in Selected Languages II	3
MATH 1910	Calculus and Analytic Geometry	5
MATH 1920	Calculus and Analytic Geometry	5
MATH 3000	Discrete Mathematics	3
MATH 3450	Linear Algebra	3
MATH 4670	Numerical Analysis	3
CSCI 2000	Programming and Data Structures using C++ (<i>may be taken in place of CSCI 1010 and 2010</i>)	4

Select two from:

CSCI 3005	Object-Oriented Programming	3
CSCI 3010	Mobile Software Development	3
CSCI 3500	Theory of Automata, Formal Languages, and Computation	3
CSCI 4350	Compiler Design	3
CSCI 4400	Principles of Database Management	3
CSCI 4450	Introduction to Artificial Intelligence	3
CSCI 4550	Computer Graphics	3
CSCI 4600	Software Design and Development	3

Minor (if mathematics is not chosen as a minor)

18

Electives

13-30

In consultation with advisor

INFORMATION SYSTEMS CONCENTRATION

Credit Hours
41-45

This program is intended for those who plan to work in some area of computer applications in the business field. Areas of study include data communications, database management, and systems analysis and design, along with an emphasis on programming in several languages that are useful for business applications.

CSCI 1010	Introduction to Programming I	3
CSCI 2010	Introduction to Programming II	3
CSCI 2060	ANS COBOL Programming	3
CSCI 2070	Programming in Selected Languages I	3
CSCI 3020	File Processing	3
CSCI 3200	Principles of Information Security	3

CSCI 3400	Computer Organization I	3
CSCI 3700	Data Communications and Networking	3
CSCI 4100	Operating Systems and Architecture	3
CSCI 4400	Principles of Database Management	3
CSCI 4750	Systems Analysis and Design	3
CSCI 4800	Computer Science and Information Systems Seminar	1
MATH 1530	Elements of Statistics	3
MATH 1810	Elements of Calculus	3
	or	
MATH 1910	Calculus and Analytic Geometry	5
ENGL 1100	Technical and Report Writing	3
CSCI 2000	Programming and Data Structures using C++ <i>(may be taken in place of CSCI 1010 and 2010)</i>	4

Minor or Second Concentration 18

Electives 18-22

In consultation with advisor

**Credit Hours
37**

DATABASE ADMINISTRATION CONCENTRATION

This program trains students in the design, implementation, and administration of data-bases, including those accessed by Web applications.

CSCI 1005	Computer Hardware, Software, and Programming Concepts	3
CSCI 1015 or CSCI 1016	Introduction to Computer Programming or Introduction to Visual Basic Programming	3
CSCI 3000	Data Modeling	3
CSCI 3200	Principles of Information Security	3
CSCI 3300	Introduction to Web Development	3
CSCI 3700	Data Communications and Networking	3
CSCI 4400	Principles of Database Management	3
CSCI 4750	Systems Analysis and Design	3
CSCI 4800	Computer Science and Information Systems Seminar	1
CSCI 4940	Internship in Information Technology	3
CSCI 4410 or 4420 or 4430	Database Administration Using DB2 or Database Administration Using MS SQL Server or Database Administration Using Oracle	3
CSCI 4650	Introduction to Active Server Pages	3
MKT 3(10)	e-Commerce Basics I	3

Minor or Second Concentration 18

Electives 23

In consultation with advisor

220 College of Science and Mathematics

INTERNET AND WEB TECHNOLOGY CONCENTRATION

Credit Hours
37

This concentration trains students in the development and support of Internet applications. It emphasizes the construction of Websites and the use of scripting languages.

CSCI 1005	Computer Hardware, Software, and Programming Concepts	3
CSCI 1015 or 1016	Introduction to Computer Programming or Introduction to Visual Basic Programming	3
CSCI 3200	Principles of Information Security	3
CSCI 3300	Introduction to Web Development	3
CSCI 3700	Data Communications and Networking	3
CSCI 4000	Advanced Web Development	3
CSCI 4050	Multimedia Tools and Techniques	3
CSCI 4400	Principles of Database Management	3
CSCI 4630	Web Server Administration	3
CSCI 4750	Systems Analysis and Design	3
CSCI 4800	Computer Science and Information Systems Seminar	1
CSCI 4940	Internship in Information Technology	3
CSCI 4390 or 4650	Introduction to Java Server Pages or Introduction to Active Server Pages	3

Minor or Second Concentration

18

Electives

23

In consultation with advisor

COMPUTER SCIENCE MINOR

Credit Hours
21-23

CSCI 1010	Introduction to Programming I	3
CSCI 2010	Introduction to Programming II	3
CSCI 3400	Computer Organization I	3
CSCI 2060 or 2070 or 2080	ANS COBOL Programming or Programming in Selected Languages I or Programming in Selected Languages II	3
CSCI 2000	Programming and Data Structures using C++ (<i>may be taken in place of CSCI 1010 and 2010</i>)	4
Six (6) hours of approved computer science courses numbered 3000 or greater		6
Math 1730	Precalculus or	4
Math 1810	Elements of Calculus or	3
Math 1910	Calculus and Analytic Geometry	5

COMPUTER NETWORKING MINOR

Credit Hours
18

CSCI 1005	Computer Hardware, Software, and Programming Concepts	3
CSCI 3700	Data Communications and Networking	3

College of Science and Mathematics 221

CSCI 4520	Network Security	3
CSCI 3760 or 3770	Linux Network Operating System Administration or Microsoft Windows Network Operating System Administration	3
<i>Select two from:</i>		
CSCI 3870	Wireless Communications and Networking	3
CSCI 4670	Network Applications	3
CSCI 4770	Advanced Data Communications and Networking	3

Department of Geosciences

College of Science and Mathematics

Location: McCord, 203

Phone: 931-221-7454

Website: www.apsu.edu/geosciences

GEOSCIENCES (B.S.)

The Geosciences program strives to provide students with a desire for inquiry, the ability to engage in abstract and logical reasoning, quantitative-analytical thinking, and applied problem solving in the sciences of geology and geography. We seek to produce students who will contribute to an understanding of earth history and processes, the procurement and management of natural resources, responsible stewardship of the environment, and the promotion of global security.

ENVIRONMENTAL HAZARDS CONCENTRATION

The Environmental Hazards concentration seeks to prepare students to be informed decision-making citizens. Majors with the hazards concentration are prepared to be problem solving, professional environmental policy makers. Coursework provides systematic spatial and temporal examination of dynamic human, economic, and physical relationships. Hazards concentration coursework asks for independent student thinking and synthesis on issues of human perception, environmental protection, and the role of natural and technological hazards in health and development.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Specific General Education Requirements	12
CHEM 1110 General Chemistry	5
GEOG 1010 Physical Geography	3
GEOL 1040 Physical Geology	4
Specific Requirements for all Geosciences majors	8
GEOG 3150 Geographic Information Systems I	4
GEOL 3060 Quantitative Geosciences	4
Upper Division Major Requirements	29
GEOG 3250 Geographic Information Systems II	3
GEOG 3920 Field Mapping and the Global Positioning System	3

222 College of Science and Mathematics

GEOG 3930	Natural Hazards in the Environment	3
GEOG 3940	Technological Hazards in the Environment	3
GEOG 3040	Sustainable Development	3
GEOG 4000	Environmental Management	3
GEOG 4010	Environmental Assessment	3
GEOG 4170	Meteorology	4
GEOG 4180	Climatology	4

Major Electives

GROUP 1: General Electives 8

GEOG 4160	Environmental Modeling and GIS	4
GEOG 4270	Watershed Management and Modeling	4
GEOL 3030	Environmental Geology	4
GEOL 4050	Process Geomorphology	4

GROUP 2: Allied Sciences 11

AGRI 1410	Plant Science	4
AGRI 2210	Soils	4
AGRI 4420	Forestry	3
BIOL 1110	Principles of Biology	4
BIOL 3050	Microbial Diversity	4
BIOL 3060	Animal Diversity	4
BIOL 3070	Plant Diversity	4
PHYS 2010	College Physics	5

Program Total 110

GEOGRAPHIC INFORMATION ANALYSIS CONCENTRATION

The Geographic Information Analysis Concentration prepares students to use a Geographic Information System (GIS) to analyze and communicate spatial relationships. GIS is a relatively new technology designed to collect, store, manage, analyze, and display spatial relationships between both similar and dissimilar features and their attributes. It is widely used for scientific investigations, natural resource management, infrastructure management, and development planning. Graduates of this program are also trained in the use of remote sensing data, GPS data collection, and image analysis software for employment opportunities in local, federal, and state government agencies, commercial consulting firms, and non-profit organizations.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Specific General Education Requirements	12
CHEM 1110 General Chemistry	5
GEOG 1010 Physical Geography	3
GEOL 1040 Physical Geology	4
Specific Requirements for all Geosciences majors	8
GEOG 3150 Geographic Information Systems I	4
GEOL 3060 Quantitative Geosciences	4

Lower Division Major Requirements	3
CSCI 1016 Introduction to Visual Basic Programming	3
Upper Division Major Requirements	20
AGRI 4230 Land Use	3
GEOG 3250 Geographic Information Systems II	3
GEOG 3920 Field Mapping and the Global Positioning System	3
GEOG 4160 Environmental Modeling and GIS	4
GEOG 425ABC Applied Geographic Information Systems	3
GEOG 4260 Remote Sensing	4
Major Electives	
GROUP 1: General Electives	6
CSCI 3300 Introduction to Web Development	3
CSCI 4400 Principles of Database Management	3
CSCI 4610 Advanced Visual Basic Programming	3
GROUP 2: Allied Sciences	8
BIOL 1110 Principle of Biology	4
BIOL 3050 Microbial Diversity	4
BIOL 3060 Animal Diversity	4
BIOL 3070 Plant Diversity	4
GEOL 3030 Environmental Geology	4
GEOL 4050 Process Geomorphology	4
GROUP 3: Geography Courses	8
Students must choose eight hours of upper division geography electives	8
Program Total	107

GEOLOGY CONCENTRATION

The Geology concentration provides graduates with the abstract, logical reasoning, spatial, and quantitative skills to prepare for professional licensure to practice geology in the United States. Graduates are prepared for and the program's record demonstrates the ability of our graduates to enter graduate school and professional positions in environmental, hydrogeologic, and natural resource fields within the private and public sectors anywhere in the United States.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Specific General Education Requirements	15
GEOG 1010 Physical Geography	3
GEOL 1040 Physical Geology	4
GEOL 1050 Historical Geology	4
MATH 1730 Precalculus	4
Specific Requirements for all Geosciences majors	13
GEOG 3150 Geographic Information Systems I	4
GEOL 3060 Quantitative Geosciences	4
CHEM 1110 General Chemistry	5

224 College of Science and Mathematics

Lower Division Major Requirements	5
CHEM 1120 General Chemistry II	5

Upper Division Major Requirements	27
--	-----------

GEOL 3000 Structural Geology	4
GEOL 3002 Structure Field Practicum	1
GEOL 3100 Stratigraphy and Sedimentation	4
GEOL 3500 Mineralogy	4
GEOL 3600 Petrology	4
GEOL 4250 Hydrogeology	4
GEOL 4910 Invertebrate Paleontology	4
GEOL 4995 Seminar in Geosciences Communication	2

Major Electives

GROUP 1: General Electives	8-10
-----------------------------------	-------------

GEOL 3030 Environmental Geology	4
GEOL 3680 Principles of Geochemistry	3
GEOL 4050 Process Geomorphology	4
GEOL 4100 Seminar in Tectonics	3
GEOL 4450 Economic Geology	4
GEOL 4920 Advanced Paleontology	3
GEOL 4990 Field Geology*	6
GEOL 450ABC Laboratory Research Project	3
GEOL 455ABC Seminar in Earth Science	3
MATH 1910 Calculus and Analytic Geometry*	5

Group 2: Allied Sciences	8-10
---------------------------------	-------------

BIOL 1110 Principles of Biology	4
BIOL 3060 Animal Diversity	4
BIOL 3330 Principle of Evolution	4
BIOL 4080 General Ecology	4
PHYS 2010 College Physics*	5
PHYS 2020 College Physics*	5
PHYS 2110 University Physics*	5
PHYS 2120 University Physics*	5

*NOTE: These courses are recommended.

NOTE: Students planning to attend graduate school in the geological sciences should select the following electives:

GEOL 4990 Field Geology	6
MATH 1910 Calculus and Analytic Geometry	5
MATH 1920 Calculus and Analytic Geometry	5
PHYS 2010 College Physics and	5
PHYS 2020 College Physics (or higher physics course)	5

Program Total	118-122
----------------------	----------------

GLOBAL ENVIRONMENT AND DEVELOPMENT CONCENTRATION

The main focus of the Global Environment and Development concentration is to develop an understanding of active regional forces and events causing changes in natural and socio-economic systems in the realm of our planet. Examples of such events include global warming, global security, international cooperation and world regional development. The students will master regional geography of the world and become better managers of the planet's natural and human resources.

		Credit Hours
General Education (see TBR Common Core)		41
University-Wide Freshman Seminar Requirement		1
Specific General Education Requirements		11-12
CHEM 1010	Chemistry: Society and the Environment	
or 1110	General Chemistry	4/5
GEOG 1010	Physical Geography	3
GEOL 1040	Physical Geology	4
Specific Requirements for all Geosciences majors		8
GEOG 3150	Geographic Information Systems I	4
GEOL 3060	Quantitative Geosciences	4
Lower Division Major Requirements		6
GEOG 1020	Geography of Europe, the Americas, and Australia	3
GEOG 1030	Geography of Africa, Asia, and Oceania	3
Upper Division Major Requirements		15
GEOG 3110	Geography of the United States and Canada	3
GEOG 3040	Sustainable Development	3
GEOG 3960	Urban Environments	3
GEOG 3980	Economic Geography	3
GEOG 4000	Environmental Management	3
Major Electives		18
<i>Select 18 Hours from Group 1 or Group 2</i>		
GROUP 1: General Electives		
AGRI 3000	Conservation	3
AGRI 4230	Land Use	3
ECON 2010	Principles of Macroeconomics	3
ECON 2020	Principles of Microeconomics	3
ECON 4610	International Economics	3
HIST 3360	Modern Europe, 1919-Present	3
HIST 4730	U.S. Foreign Relations Since 1890	3
MGT 3010	Principles of Management and Organizational Behavior	3
MGT 4110	International Management	3
MKT 3010	Principles of Marketing	3
MKT 3410	International Marketing	3
MKT 3710	Applications in Business Mapping	3
PHIL 2310	Environmental Ethics	3
POLS 3020	American Foreign Policy	3

226 College of Science and Mathematics

GROUP 2: International Studies Courses

Student can choose to take eighteen (18) hours of coursework from International Studies instead of eighteen (18) hours from the above general electives list.

GROUP 3: Foreign Language Courses

6

Students must take six (6) hours of upper division foreign language courses.

Program Total

106-107

GEOGRAPHY MINOR

Credit Hours
18

Minor Requirements

9

GEOG 1010 Physical Geography

3

GEOG 1020 Geography of Europe, the Americas, and Australia

3

GEOG 1030 Geography of Africa, Asia, and Oceania

3

Minor Electives

9*

Electives Upper Division Geography Courses

9

*NOTE: Students must get their advisors' approval for these courses.

GEOGRAPHIC INFORMATION SYSTEMS MINOR

Credit Hours
18

Minor Requirements

12

CSCI 1016 Introduction to Visual Basic Programming

3

GEOG 3250 Geographic Information Systems II

3

GEOG 3920 Field Mapping and the Global Positioning System

3

GEOG 4260 Remote Sensing

3

Minor Electives

6*

CSCI 4400 Principles of Database Management

3

CSCI 4610 Advanced Visual Basic Programming

3

GEOL 3060 Quantitative Geosciences

4

GEOG 4270 Watershed Management and Modeling

4

GEOL 3030 Environmental Geology

4

MKT 3710 Applications in Business Mapping

3

*NOTE: Students must get their advisors' approval for these courses.

GEOLOGY MINOR

Credit Hours
18

Minor Requirements

8

GEOL 1040 Physical Geology

4

GEOL 1050 Historical Geology

4

Minor Electives

10*

GEOL 3000 Structural Geology

4

GEOL 3002 Structure Field Practicum

1

GEOL 3060 Quantitative Geosciences

4

GEOL 3100 Stratigraphy and Sedimentation

4

GEOL 3500 Mineralogy

4

College of Science and Mathematics 227

GEOL 3600	Petrology	4
GEOL 4250	Hydrogeology	4
GEOL 4910	Invertebrate Paleontology	4
GEOL 4995	Seminar in Geosciences Communication	2
GEOL 3030	Environmental Geology	4
GEOL 3680	Principles of Geochemistry	3
GEOL 4050	Process Geomorphology	4
GEOL 4100	Seminar in Tectonics	3
GEOL 4450	Economic Geology	4
GEOL 4920	Advanced Paleontology	3
GEOL 4990	Field Geology	6
GEOL 450ABC	Laboratory Research Project	3
GEOL 455ABC	Seminar in Earth Science	3

*NOTE: Students must get their advisors' approval for these courses.

Department of Mathematics

College of Science and Mathematics

Location: Claxton Building, 304

Phone: 931-221-7833

Website: <http://www.apsu.edu/mathematics/>

MATHEMATICS MAJOR (B.S.)

The friendly faculty and staff in the Department of Mathematics are dedicated to providing a quality education in mathematics. We offer specializations in mathematics, mathematics education, and statistics.

The study of mathematics will enhance your critical thinking skills and provide you with an excellent background for careers in almost any field, including science, engineering, education, law, and medicine.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Lower Division Requirements for the Mathematics Core	17
CSCI 1010 Introduction to Programming I	3
MATH 1910 Calculus I	5
MATH 1920 Calculus II	5
MATH 2110 Calculus III	4
Upper Division Requirements for the Mathematics Core	13
MATH 3010 Introduction to Mathematical Reasoning	3
MATH 3450 Linear Algebra	3
MATH 4240 Probability	3
MATH 4450 Mathematical Models	3
MATH 4810 Senior Seminar	1

NOTE: In addition to the major core, each student must select an area of specialization. Each specialization requires additional coursework.

228 College of Science and Mathematics

MATHEMATICS EDUCATION

The Mathematics Education leads to secondary certification in mathematics. The secondary certification licensure is designed for individuals desiring to teach mathematics in grades 7-12, in both middle and high-school settings. The Professional Education Minor is also required.

The following courses are required for the concentration in mathematics education:

Credit Hours

		18
MATH 3000	Discrete Mathematics	3
MATH 3250	Statistical Methods I	3
MATH 3630	College Geometry	3
MATH 4010	History of Mathematics	3
MATH 4110	Number Theory	3
MATH 4200	Mathematics Content and Pedagogy for Middle School	3
MATH 4400	The Teaching of Secondary School Mathematics	3

PROFESSIONAL EDUCATION MINOR

Credit Hours

Required for licensure in all endorsement areas: K-6, 4-8, and 7-12

23

Successful completion of this minor, successful completion of Clinical Practice (with seminar), and Tennessee-mandated licensure examinations leads to teaching licensure for grades K-6, 4-8, and 7-12. Testing requirements, electronic portfolio development, and other prerequisites for provisional admission and full admission to Teacher Education will require consultation with an education advisor. For students not seeking licensure but a minor in Professional Education, contact the School of Education Director.

EDUC 2100	Foundations of Education	2
EDUC 3040	Instructional Technology	3
EDUC 3070	Instructional Strategies	3
EDUC 4080	Classroom Management	3
EDUC 4160	Teaching Diverse Students	3
EDUC 4270	Evaluation and Assessment	3
PSY 3130	Introduction to Educational Psychology	3
SPED 3000	Introduction to Special Education	3

*Mathematics Specialization

Mathematics provides elegant and effective tools for solving problems in virtually every area of human endeavor, from the sciences to business and economics to the social sciences, and is especially appealing to students who like to solve problems. The purpose of the mathematics concentration is to give students an understanding of the structure of mathematics, to stimulate their interest in research, and to prepare them for later work.

The following courses are required for the specialization in mathematics:

Credit Hours

		12
MATH 3120	Differential Equations I	3

* Pending regulatory approval

MATH 3130	Differential Equations II	3
MATH 4250	Mathematical Statistics	3
MATH 4500	Modern Algebra	3

Three (3) hours approved mathematics elective at the 3000 level 3

Select one from:

MATH 3000	Discrete Mathematics	3
MATH 3250	Statistical Methods I	3
MATH 3260	Statistical Methods II	3
MATH 3270	Experimental Design	3
MATH 3630	College Geometry	3

Three (3) hours approved mathematics elective at the 4000 level 3

Select one from:

MATH 4010	History of Mathematics	3
MATH 4110	Number Theory	3
MATH 4160	Complex Analysis	3
MATH 4210	Topology	3
MATH 4260	Stochastic Processes	3
MATH 4270	Nonparametric Statistics	3
MATH 4460	Applied Mathematics	3
MATH 4500	Modern Algebra	3
MATH 4670	Numerical Analysis	3
MATH 4710	Advanced Calculus	3
MATH 4900	Special Problems	3

***Statistics Specialization**

Statistics is the science of gathering and analyzing data. Due to an increasing demand for statisticians, the Mathematics Department at Austin Peay State University has recently added a statistics option to the departmental major.

Credit Hours

The following courses are required for the option in statistics: 12

MATH 3250	Statistical Methods I	3
MATH 3260	Statistical Methods II	3
MATH 3270	Experimental Design	3
MATH 4250	Mathematical Statistics	3

Six (6) hours of approved upper division electives, preferably including: 6

MATH 4260	Stochastic Processes	3
MATH 4270	Nonparametric Statistics	3

Can also be selected from:

MATH 3000	Discrete Mathematics	3
MATH 3120	Differential Equations I	3
MATH 3130	Differential Equations II	3
MATH 3630	College Geometry	3
MATH 4010	History of Mathematics	3
MATH 4110	Number Theory	3
MATH 4160	Complex Analysis	3

*** Pending regulatory approval**

230 College of Science and Mathematics

MATH 4210	Topology	3
MATH 4460	Applied Mathematics	3
MATH 4670	Numerical Analysis	3
MATH 4710	Advanced Calculus	3
MATH 4900	Special Problems	3

Credit Hours

MATHEMATICS MINOR

MATH 1910	Calculus I	5
MATH 1920	Calculus II	5
MATH 2110	Calculus III	4

Six (6) hours of approved upper division electives selected from:

MATH 3000	Discrete Mathematics	3
MATH 3010	Introduction to Mathematical Reasoning	3
MATH 3120	Differential Equations I	3
MATH 3130	Differential Equations II	3
MATH 3250	Statistical Methods I	3
MATH 3260	Statistical Methods II	3
MATH 3270	Experimental Design	3
MATH 3450	Linear Algebra	3
MATH 3630	College Geometry	3
MATH 4010	History of Mathematics	3
MATH 4110	Number Theory	3
MATH 4160	Complex Analysis	3
MATH 4210	Topology	3
MATH 4240	Probability	3
MATH 4250	Mathematical Statistics	3
MATH 4260	Stochastic Processes	3
MATH 4270	Nonparametric Statistics	3
MATH 4450	Mathematical Models	3
MATH 4460	Applied Mathematics	3
MATH 4500	Modern Algebra	3
MATH 4670	Numerical Analysis	3
MATH 4710	Advanced Calculus	3

Add-On Endorsement

MATH 1910	Calculus and Analytic Geometry	5
MATH 1920	Calculus and Analytic Geometry	5
MATH 3010	Introduction to Mathematical Reasoning	3
MATH 3450	Linear Algebra	3
MATH 3630	College Geometry	3
MATH 4400	The Teaching of Secondary School Mathematics	3

NOTE: Praxis code 10061-minimum 136, and code 20065-minimum 125. Student teaching may be required.

Department of Physics and Astronomy

College of Science and Mathematics

Location: Sundquist Science Complex, B332

Phone: 931-221-6116

Website: <http://www.apsu.edu/physics/>

PHYSICS (B.S.)

What do computers, GPS, and CD players have in common? They all sprang from early technologies developed by physicists. Physicists lead the way in almost every new technology. They are well paid, and there is no shortage of career opportunities. Industries of all types are scanning graduating classes for bright problem-solvers with broad technical understanding—exactly what the physics department at APSU produces.

The physics major is intended to prepare students for graduate school and/or a career in any of a wide variety of science technology, engineering, and mathematics disciplines. A minor is required (a mathematics minor is recommended).

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Lower Division Major Requirements	30
PHYS 2110/2111 University Physics (I)	5
PHYS 2120/2121 University Physics (II)	5
MATH 1910 Calculus and Analytic Geometry (I)	5
MATH 1920 Calculus and Analytic Geometry (II)	5
MATH 2110 Calculus	3
CSCI 2000 Programming and Data Structures Using C++	4
ENGL 2700 Scientific Writing	3
Upper Division Major Requirements	28
PHYS 3005 Theoretical Methods	4
PHYS 3010 Intermediate Mechanics	3
PHYS 3030 Electricity and Magnetism	3
PHYS 3550/3551 Experimental Methods	4
PHYS 3700/3701 Modern Physics	4
PHYS 3800 Quantum Mechanics	3
PHYS 4000/4001 Computational Methods	4
MATH 3120 Differential Equations	3
Major Electives (select 10 credit hours below)	10
ASTR 3005/3006 Observational Astronomy	2
ASTR 3030/3031 Methods and Instrumentation in Astronomy	3
ASTR 4010 Astrophysics I: Introduction to Stellar Structures and Evolution	3
ASTR 4020 Astrophysics II: Galactic Structure and Cosmology	3
ASTR 4150/4160/4170 Special Topics in Astronomy	1/2/3
ASTR 4151/4161/4171 Research Experience	1/2/3
ASTR 4950/4960/4970 Independent Study in Astronomy	1/2/3

232 College of Science and Mathematics

BIOL 4440/4441	Cell and Molecular Biology	4
BIOL 4450/4451	Biotechnology	4
CHEM 3220/3221	Instrumental Analysis	4
CHEM 3440/3441	Inorganic Chemistry	4
CHEM 3510/3511	Organic Chemistry I	4
CHEM 3520/3521	Organic Chemistry II	4
CHEM 4240/4241	Advanced Instrumental Methods	4
CHEM 4300/4301	Brief Biochemistry	4
CHEM 4310/4311	Biochemistry I	4
CHEM 4320/4321	Biochemistry II	4
CHEM 4350/4351	Physical Biochemistry	4
CHEM 4440/4441	Advanced Inorganic Chemistry	4
CSCI 3005	Object Oriented Programming	3
CSCI 3110	Computer Systems	3
CSCI 3250	Data Structures and Algorithm Analysis	3
CSCI 3400	Computer Organization I	3
CSCI 3410	Computer Organization I	3
CSCI 4450	Artificial Intelligence	3
GEOG 3060/3061	Quantitative Geosciences	4
GEOG 3150/3151	Geographic Information Systems I	4
GEOG 3250/3251	Geographic Information Systems II	4
GEOG 3940	Technological Hazards in the Environment	3
GEOG 4160/4161	Environmental Modeling and GIS	4
GEOG 4170/4171	Meteorology	4
GEOG 4180/4181	Climatology	4
GEOG 4260/4261	Remote Sensing	4
GEOG 4270/4271	Watershed Management and Modeling	4
GEOL 3000/3001	Structural Geology	4
GEOL 3030/3031	Environmental Geology	4
GEOL 3060/3061	Quantitative Geosciences	4
GEOL 3100/3101	Stratigraphy and Sedimentation	4
GEOL 3500/3501	Minerology	4
GEOL 4100	Seminar in Tectonics	3
GEOL 4250/4251	Hydrogeology	4
GEOL 4260/4261	Remote Sensing	4
MATH 3000	Discrete Mathematics	3
MATH 3130	Differential Equations II	3
MATH 3250	Statistical Methods I	3
MATH 3260	Statistical Methods II	3
MATH 3270	Experimental Design	3
MATH 3450	Linear Algebra	3
MATH 4160	Complex Analysis	3
MATH 4210	Topology	3
MATH 4240	Probability	3
MATH 4250	Mathematical Statistics	3
MATH 4260	Stochastic Processes	3
MATH 4460	Applied Mathematics	3
MATH 4500	Modern Algebra	3
MATH 4670	Numerical Analysis	3
Or other upper-level (3000 or higher) classes with approval of the Chair of Physics and Astronomy		

232 (cont) College of Science and Mathematics

3 _ [ad]e ` af dVg[dV/S_ SfZW Sf[Le _ [` ad]e egYVfW %SVW[f]a` S^
 ? SfZ UdW[fe Sf fZW% " " adZ[YZW^VWScdVg[dV &dS _ SfZW Sf[Le
 _ [` adi

9WV6^7VgLSf]a` 5adWVg[dV Wfe ` af [UgVWSTahW^#Zagdfi

3^gbbWZWVbZke[Le LagdeV/% " " ZVWadZ[YZWfdVg[dVbWVg[e]fV fa TW
 bSeeWi [fZ S YdVWaxZ5SadTVfVz

PHYSICS – DISTRIBUTIVE TEACHING LIENSURE

Students completing this program will satisfy state of Tennessee guidelines for 7-12 licensure to teach physics and general science. Students must complete the Professional Education minor; student teaching is required for licensure.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Lower Division Major Requirements	36
PHYS 2110 University Physics (I)	5
PHYS 2120 University Physics (II)	5
MATH 1910 Calculus and Analytic Geometry (I)	5
ASTR 1020 Stellar Astronomy	4
BIOL 1010 Principles of Life	4
CHEM 1010 or 1110 Chemistry: Society and Environment or General Chemistry	4
GEOL 1040 Physical Geology	4
MATH 1920 Calculus and Analytic Geometry (II)	5
Upper Division Major Requirements	13
BIOL 4400 Teaching Science in High School	3
PHYS 3005 Theoretical Methods	4
PHYS 3700 Modern Physics	4
PHYS 3901 Nuclear and Radiation Physics lab	2

PHYSICS MINOR		18
PHYS 2110	University Physics (I)	5
PHYS 2120	University Physics (II)	5
Physics Electives (3000 level or higher)		8

ASTRONOMY MINOR		Credit Hours
		20
ASTR 1010	Planetary Astronomy	4
ASTR 1020	Stellar Astronomy	4
Astronomy Electives (2000 level or higher)		12

PreEngineering (Two-Year Transfer Program)

Department of Physics and Astronomy
College of Science and Mathematics
 Location: Sundquist Science Complex, B332
 Phone: 931-221-6116

This program will prepare you to pursue a degree in Engineering from one of Tennessee's Colleges of Engineering.

PreProfessional Programs

The University offers two-, three-, and four-year preprofessional programs in the fields of study listed below. These programs are designed to prepare the student to meet the minimum requirements for admission to a professional school. All curricula are generally designed to be acceptable to most professional schools. The student, however, should receive confirmation from the professional school whether each course is acceptable for its program and plan the preprofessional curriculum at APSU accordingly.

Preprofessional programs which can be completed in two years do not lead to a degree from APSU; however, degrees in absentia may be obtained from APSU after completion of the first year's work in the professional school for the three- and four-year programs listed herein, provided the requirements for degrees in absentia are met.

Program	Department	Years
Agricultural Education	Agriculture	3
Dental Hygiene	Chemistry	2
Dentistry	Chemistry	3 or 4
Engineering	Physics and Astronomy	2
Food Technology	Agriculture	2
Forestry	Agriculture	2
Law		4
Medicine	Chemistry	4
Optometry	Biology	4
Pharmacy	Chemistry	2 or 3
Physical Therapy	Biology	4

234 College of Science and Mathematics

Veterinary Medicine	Agriculture	3 or 4
Wildlife	Agriculture	2

Specific curricular requirements for programs granting degrees in absentia are outlined in the departmental listing of this Bulletin.

Graduate Studies

Graduate study offers well-qualified students the opportunity to obtain a master's degree, increase their skills for their profession, and become involved in scholarship and research, which can broaden their professional and cultural backgrounds.

GRADUATE DEGREE - MASTER'S

Biology M.S.
Communication Arts M.A.
Counseling M.S.
Curriculum and Instruction M.A.Ed.
Educational Leadership Studies M.A.Ed.
English M.A.
Health and Human Performance M.S.
Management M.S.M.
Military History M.A.
Music M.Mu.
Nursing M.S.N.
Professional Studies M.P.S.
Psychology M.A.
Reading M.A.Ed.
Regents Education M.Ed.
Social Work M.S.W.
Teaching M.A.T.

GRADUATE DEGREE - EDUCATION SPECIALIST

Education Ed.S.

GRADUATE ONLINE DEGREES AT APSU

Corporate Communication, Specialization:
Corporate Communication M.A.
Curriculum and Instruction, Specialization:
Instructional Technology M.A.Ed.
Curriculum and Instruction, Specialization:
Advanced Studies, Specialty Areas in
Language Arts/Reading or Science M.A.Ed.
Health and Human Performance, Specialization:
Health Services Administration M.S.
Military History M.A.
Psychology, Concentration: Industrial/
Organizational Psychology M.A.

GRADUATE REGENTS ONLINE DEGREES

Education M.A.

Nursing M.S.

GRADUATE EDUCATION LICENSURE

(See Coordinator of Education within the School of Education.)

Special Programs of the University

Academic Support Services

Web Address:

www.apsu.edu/academic_support

Academic Support begins when students are admitted to APSU and continues until the goal of graduation is met.

Academic Advising

Web Address: www.apsu.edu/academic_support/advising

Deliberate and intentional academic advising at Austin Peay State University guides students in making responsible academic and career choices, setting goals, and developing education plans to realize those goals. Effective advising fosters critical thinking and informed decision making which supports meaningful living in a global society.

Freshman Advising. Academic Advising is an element of academic support that begins at the time of initial enrollment at APSU through graduation. During new student orientation undergraduate students meet with faculty to discuss career goals and to plan a schedule for their first semester. Students who have declared a major are assigned to permanent faculty advisors during their first semester. Students who are still deciding on a major continue to be

advised by professional advisors in the Career and Advisement Center.

Regular Academic Advising. Each semester students are expected to schedule an appointment with their assigned faculty advisor(s) for the purpose of discussing academic progress and planning a schedule for the following semester. The role of faculty advisors is to help students clarify goals, career options, courses of study, program requirements, and educational needs, and to identify University resources that support the academic goals. Faculty advisors regularly interact with their advisees in order to coordinate educational experiences and monitor student progress throughout the year. While, in the final analysis, academic choices rest with the student, faculty advisors assist students by helping them identify and assess the alternatives and the sequences of academic decisions.

Academic Support Center

Location: Marks Building

Phone: 931-221-6550

Web Address:

www.apsu.edu/academic_support

Peer tutoring and Structured Learning Assistance are offered to currently enrolled

238 Special Programs of the University

students through the Academic Support Center. In addition, the University provides a small writing lab in the Center to assist students in improving their writing skills. Detailed information may be found on the Website. Students may make appointments for tutoring either by personally visiting the center or by calling 931-221-6553.

Academic Alert

Academic Alert is the web-based system which faculty may use to warn students who are in academic jeopardy and in danger of failing in their classes. Students are referred to the office of Academic Support for consultation. Academic alerts for students living in campus housing will be submitted to the associate director of housing in addition to the Academic Alert Coordinator.

Structured Learning Assistance

Students who are required to enroll in *enhanced* sections of ENGL 1010, MATH 1010, and MATH 1530 must participate also in Structured Learning Assistance workshops two days a week. SLA student leaders who have demonstrated academic excellence conduct the workshops in computer laboratories in the Marks Building.

Career, Advisement, and Testing Services

Web Address: www.apsu.edu/careers

The Career and Advisement Center is located in the Morgan University Center, Room 210. The center advises students who have not declared a major and assists students in each stage of the career development process. Services include assistance with meeting core requirements for undeclared majors, choosing a major, writing a resumé and/or cover letter, developing interviewing skills, searching for a job, and applying to graduate school. A variety of workshops are offered regularly, and full- and part-time jobs listings are posted daily. Visit the Career and Advisement Center's Website or call 931-221-7896 for more information.

The Testing Center is located in the Ellington Building, Room 202. The center offers a variety of tests, which includes: COMPASS, ACT-Residual, CLEP, DANTES, and MAT for correspondence courses taken through other universities. Testing information about PRAXIS, GRE, and the national ACT is available at the testing center. For more information or to schedule a testing session, call 931-221-6269.

First-Year Experience

The University recognizes that there are many differences between high school and college. Thus the significance of the first year of college in making a successful transition is addressed with the First-Year Experience.

Summer Welcome

Admitted students are invited to campus to meet with a faculty member for academic advising and to enroll in classes. Students are introduced to University expectations and services and campus resources (www.apsu.edu/academic_support).

New Student Orientation (All Freshmen)

This program is a 2 1/2 day program beginning with Freshman convocation which precedes the beginning of classes and begins with Freshman convocation. All freshmen are required to participate; transfer students must participate if they enter with fewer than 12 credit hours (university level) wish to do so. The focus of the activities is to teach students how to use the services available to them, to complete any testing requirements, and to complete other orientation activities that are a part of APSU 1000. Normally the orientation will be held on Friday and Saturday before the first day of classes.

APSU 1000

APSU 1000 is the freshman seminar in which all first-time freshmen and all students entering with fewer than 12 hours must enroll and remain enrolled until they

have completed the course with a grade of C or better. The class includes new student orientation. Not only will students engage in the habits of university success, they also will develop an appreciation of a liberal-arts focused university core as a foundation for all majors and for life.

Center for Extended and Distance Education

Location: McReynolds Bldg., 119

Phone: 931-221-7257

Website: www.apsu.edu/ext_ed/

The Center for Extended and Distance Education at Austin Peay State University offers a wide variety of creative educational opportunities through traditional classroom, online, interactive TV and off-campus delivery, and contract programs, including the federally funded TRIO program and the Tennessee Small Business Development Center. Services include support for traditional and nontraditional college students seeking degrees and certifications, and for personal or professional development, small business entrepreneurs, regional business and industry, veterans, first-generation college students, and economically disadvantaged students.

Distance Education

Location: McReynolds Bldg.

Phone: 931-221-7933

Website: www.apsu.edu/ext_ed/

Distance Education enables the University to reach beyond the traditional campus via two-way interactive television (ITV) courses. The University currently operates interactive video sites from the main campus to the APSU Center @ Fort Campbell and various sites in the service area. For additional information, call (931) 221-7175.

Online/Distance-Based Degree Programs

Online/distance-based education offers students the convenience of classroom accessibility 24 hours a day from virtually

anywhere in the world. Online/distance-based students access their virtual classroom and interact with instructors and classmates through the Web in an interactive, asynchronous format. Distance-based courses may utilize DVD or other internet technologies to enhance instruction. Online/distance-based courses are not self-paced; courses begin and end on specific dates, and class work is assigned deadlines. Advising, library services, student support, and other forms of student assistance are available to online/distance-based students. Technical support is available 24 hours per day, 7 days per week.

Students may choose from APSU online/distance-based degrees and the Regents Online Degree Program.

APSU Online/Distance-Based Degrees

Location: McReynolds Bldg., 107

Phone: 931-221-6484

e-mail: online@apsu.edu

Website: www.apsu.edu/online/

APSU online/distance-based offers 14 degree programs and more than 125 courses online/distance-based. All core courses required for the Bachelor of Science degree are available online. For more information on degree requirements, visit www.apsu.edu/apsuonline/degrees/degrees.htm.

Regents Online Degree Programs

Location: McReynolds Bldg., 109

E-mail: rodp@apsu.edu

Website: www.apsu.edu/online/

Tennessee Board of Regents' colleges, universities, and technology centers offer the Regents Online Degree Programs (RODP). APSU is one of six TBR universities that delivers and awards the noted degrees. Courses completed in the Regents Online Degree Programs are entirely online and transferable among all the participating institutions. Two undergraduate degrees and three graduate degrees are available, as well as teacher education options.

240 Special Programs of the University

Extended Education

Location: McReynolds Bldg.

Phone: 931-221-7743

Website: www.apsu.edu/ext_ed/

Extended-Campus on-site courses are offered at various centers throughout the service area of APSU. Information about the schedule and location of extended-campus classes may be obtained by contacting the Center for Extended and Distance Education, the appropriate academic department, visiting the web page, or referring to the SCHEDULE OF CLASSES (WEB ONLY) each term.

Austin Peay After Hours provides students the opportunity to complete a number of degree options by taking evenings online courses and weekends. Eight-week and fifteen-week terms are available. Information about the schedule may be obtained by contacting the Center for Extended and Distance Education, the appropriate academic department, or refer to the SCHEDULE OF CLASSES on the Website.

Dual/joint enrollment allows qualified high-school juniors and seniors to earn college credit while still in high school. Lottery scholarships are available. For more information, call 931-221-7743.

English as a Second Language

Location: McReynolds Bldg., 202

Phone: 931-221-6270

E-mail: esl@apsu.edu

Website: www.apsu.edu/ext_ed/esl/

The ESL Institute offers a diversified and intense program of instruction and study in English for international students who desire to raise their level of proficiency for the purpose of gaining admission to APSU or another university. Additionally, the Institute offers community members the opportunity to study English in order to prepare for professional careers, advanced education, and participation in the global community. Courses integrate multiple skills, such as reading, conversation, writing, grammar, vocabulary, and TOEFL exam

preparation in a friendly and personal classroom setting.

Noncredit and Customized Training

Location: McReynolds Bldg., 118

Phone: 931-221-6487

Website: www.apsu.edu/ext_ed/noncredit/

The Center provides noncredit classes, short courses, and seminars in both traditional classroom and convenient online formats. Courses include certificate programs, classes and seminars in personal and professional development, software use, foreign languages and culture, test preparation and visual arts. CompTIA® Microsoft® Certification, and Cisco certification preparation training for IT professionals is available on-site and online. Career development certificates in a variety of fields are also available online. In partnership with the Tennessee Small Business Development Center, the Center provides business-related seminars focused on the needs of small businesses. Customized contract training programs for businesses and other groups are also available. A schedule of noncredit classes is published twice a year. Continuing Education Units (CEUs) are awarded for most courses. For more information, call 931-221-7816 or 931-221-6487.

Tennessee Small Business Development Center

Location: McReynolds Bldg., 111

Phone: 931-221-1370

E-mail: tsbdc@apsu.edu

Website:

www.apsu.edu/ext_ed/TSBDC/

or www.tsbdc.org

The Tennessee Small Business Development Center (TSBDC) offers assistance to help business owners grow and develop successful, thriving businesses. The center assists business owners and managers by providing one-on-one counseling for management and technical business problems and issues such as business planning, sources of capital, marketing, record keeping, location

analysis, and government procurement.

TRiO Student Support Services

Location: Ellington Student Services Building, 337
Phone: 931-221-6142
Website: www.apsu.edu/sss

The TRiO Student Support Services Program is designed to assist students whose parents did not attend or complete a four-year college and/or whose family income may hinder them from remaining in college. Currently enrolled students who are registered with Disability Services at APSU are also eligible. Students who meet one or all of these conditions are encouraged to apply for program participation. Students will develop an individualized plan of services with the program counselor, which may include the following benefits: orientation to the program, ongoing academic advisement and GPA monitoring, interaction with the Student Financial Aid Office, graduate and/or professional school advisement, career counseling, content area tutoring, small group workshops, personal counseling, and participation in cultural activities.

Funding by the U.S. Department of Education for TRiO Student Support Services at APSU is \$257,584 or 100% for 2010-2011. The services are free and can accommodate 180 qualified students.

TRiO Programs Website:

www.apsu.edu/ext_ed/trio_programs.htm

The federal TRiO programs were established in 1965 to provide postsecondary educational opportunities to the economically disadvantaged in the United States. The programs target students and adults whose annual income/parental income makes them eligible for grants and need-based assistance. TRiO programs also target potential first-generation college students. TRiO programs are funded by the federal government and based on college campuses nationwide. Austin Peay State University hosts five TRiO programs:

High School Upward Bound

Location: 400 Ford Street

Phone: 931-221-6200

Tri-County Upward Bound

Location: McReynolds, 210

Phone: 931-221-6410

Veterans Upward Bound

Location: McReynolds, 212

Phone: 931-221-7600

TRiO Student Support Services

Location: Ellington, 337

Phone: 931-221-6142

Educational Opportunity Center

Location: Ellington, 333

Phone: 931-221-7481

Servicemembers Opportunity Colleges (SOC)

Austin Peay is designated as an institutional member of Servicemembers Opportunity Colleges (SOC), a group of over 400 colleges and universities providing voluntary postsecondary education to members of the military throughout the world.

As a SOC member, APSU recognizes the unique nature of the military lifestyle and has committed itself to easing the transfer of relevant course credits, providing flexible academic residency requirements, and crediting learning from appropriate military training experiences.

Servicemembers Opportunity Colleges Associate Degree for Soldiers (SOCAD-2)

In addition to its SOC membership, APSU is one of approximately 200 institutions providing occupational and flexible SOCAD-2 (formerly SOCAD) programs on over 50 Army installations worldwide. These programs lead to associate degrees, most of which correspond to enlisted and warrant officer job specialties. The agreement is valid for six years. Through prior agreement, students in SOCAD-2 programs

242 Special Programs of the University

1. Must complete at any time during pursuit of degree 25 percent of total degree requirements in residence;
2. Must earn 6 semester hours of APSU credit before a SOCAD will be processed;
3. Are awarded credit for experience in their military occupational specialty (MOS) and service schools as appropriate to their programs;
4. Are awarded credit for nontraditional learning based on results of national tests, such as CLEP and DAN TES, as appropriate to their programs;
5. Have a SOCAD Student Agreement completed as their official evaluation stating remaining degree requirements and eliminating the need for reevaluation of previous credit; and
6. Are guaranteed that courses listed in transferability tables in the SOCAD-2 handbook will be accepted for degree requirements within each curriculum area.

Servicemembers Opportunity Colleges Bachelor's Degree for Soldiers (SOCAD-4)

APSU offers the B.S. in Public Management as its Bachelor's Degree for soldiers. The agreement is valid for six years. Through prior agreements, students in SOCAD-4 (formerly BDFS) programs:

1. Must complete at any time during pursuit of degree 25 percent of total degree requirements in residence;
2. Must earn 6 semester hours of APSU credit before a SOCAD will be processed;
3. Are awarded credit for experience in their military occupation specialty (MOS) and service schools as appropriate to their programs;
4. Are awarded credit for nontraditional learning based on results of national tests, such as CLEP and DAN TES, as appropriate to their programs;
5. Have a SOCAD Student Agreement; and
6. Are guaranteed course transferability as per the SOCAD Student Agreement.

Study Abroad and Exchange Programs

Office: Browning Bldg., Room 109

Phone: 931-221-6851

Website: www.apsu.edu/study_abroad/

Africa

South Africa

This program offered through the Tennessee Consortium for International Studies will take place in Cape Town, an exotic ocean-front city surrounded by the beautiful Table Mountain National Park. Cape Town was originally settled by the Dutch and is famous for its waterfront harbor. It is one of the most culturally diverse cities in the world, with African, European and Asian influences. South Africa's unique political and cultural history, coupled with the abundance of wildlife and scenic landscapes, makes this city an ideal location for a study abroad program.

Coursework includes: Introduction to Cultural Anthropology, African American literature, Education Seminar, and Social Problems and Social Change.

Asia

Japan

This APSU faculty-led program will allow students to experience Japan through the lens of history and literature. After participating in a 3 week course offered online through D2L, students will then have the opportunity to visit locations previously discussed during the course. The study abroad will focus on sites based in Kyoto prefecture and nearby cities relevant to the historical and cultural sites featured prominently in many of the greatest works of Japanese literature. Students will have the opportunity to appreciate Japan's rich, vibrant, multi-faceted culture through cuisine, the arts, architecture, religious establishments, and museums. Coursework includes ENGL 430 P, Topics in World Literature, ENGL 5700 Literature Across the Cultures, and HIST 4910, Japan's Ancient Capitals: Nara and Kyoto.

Korea (Kyungpook)

Through this exchange program with Kyungpook National University, you can take a variety of courses designed to address global issues and provide a new perspective and understanding of Korea. Offered in English, classes cover global and regional affairs, along with Korean language, economics, culture, history and politics.

Taiwan

The Taiwan program is an educational exchange program for faculty and students between APSU and two sister institutes in Taiwan, National Changhua University of Education (NCUE) and Nankai College of Technology and Commerce (NCTC). The program sponsors: (1) Student Exchange Program—students may study for one or two semesters at sister institutes; (2) Study Abroad Program—students may be enrolled in a summer study abroad program at the host institution; (3) Faculty Exchange Program—selected faculty may attend the host institution for the purpose of research, teaching, and general study; and (4) Visitation Program—Delegates will attend symposia to promote and enhance the exchange agreement between the institutions.

Cooperative Center for Study Abroad

The Cooperative Center for Study Abroad (CCSA) is an inter-institutional effort providing joint planning, coordination, and implementation for programs of study abroad to countries with a significant English speaking base. The CCSA sponsors: (1) short-term programs of study in late December and early January during the interim between the fall and spring semesters to London or Australia; (2) several programs in the spring; (3) summer programs in several countries; e.g., England, Ireland, Scotland, Australia, Ghana, Jamaica, Belize, etc.; (4) fall and spring semesters in England; and (5) a variety of opportunities for internships. Courses are taught by faculty from CCSA member institutions including APSU faculty. Students earn credit on their home campus-

es that apply to their degree programs. The CCSA member institutions identify comparable courses for those scheduled through other member universities.

Europe

Austria

The Language Institute of Universität Klagenfurt hosts APSU students for intensive German language study in the picturesque town of Klagenfurt Austria. Students will experience direct contact with Austrian culture and way of life all while learning German in an immersion setting. Students will earn 6 to eight hour of coursework credit. Classes are available at all levels of study including Beginning German, Intermediate German, and Advanced German. German Literature, German Business, and Austrian Culture classes are also available. Cultural excursions, including a weekend visit to Vienna are included in the program.

Holocaust Traveling Seminar

Austin Peay's Study Abroad Program offers students an opportunity to travel to Germany and France during the summer. The curriculum consists of History 4910, The Holocaust Traveling Seminar. Lectures will be held in Strasbourg, France, with subsequent travel to sites in Germany. All classes and tours are in English, and students are eligible for six credit hours. The accommodations are dormitory style including two meals per day. Also included are hotels, pensions, or hostels near the sites. The cost for the program includes APSU tuition, books, room and board, airline and rail tickets, site admission, program fees, and personal expenses. An advance down payment is required for dormitory and travel by March 1 of each year.

France

An international education cooperative program has been established between University of Orleans of France and Austin Peay State University. The cooperation between the two universities encourages

244 Special Programs of the University

student exchange; faculty exchange a) the exchange of publications, documents, research results, and other form of academic collaboration; and b) the summer study abroad program.

Greece

Spectacular mountains and beautiful beaches provide the backdrop of the serious study of ancient Greece culture and modern Greek language. Students will enroll in GREK 3400, Greek Art and Archaeology, and GREK 1110, Intensive Modern Greek, for a total of 7 credit hours. We will spend 5 weeks studying and visiting archeological sites and museums from Neolithic caves to World War II sites. Sites include: Knosso, Phaisto, Mycenal, Cosenth, Olympia, Delphi, and about 35 more.

Russia

The purpose of this program is to introduce students to biodiversity and teach them strategies in biodiversity conversation on site at Lake Baikal, Russian Federation. Lake Baikal is the world's oldest, deepest, and largest (by volume) freshwater lake, and most biodiverse. The coursework will consist of the study of local flora and fauna, boat trips to sample aquatic organisms, field tests of student-generated hypotheses on biodiversity conservation, excursions with local scientists, meeting and interviewing the local people whose work affects biodiversity at Lake Baikal, discussing papers pertinent to Baikal, and keeping a daily field journal. Students will receive coursework credit for BIOL 4700 and BIOL 5700.

Spain

A four-week summer program for the study of Spanish will be taught at Estudio Internacional Sampere in Madrid. Spanish language classes are offered at all levels, from beginning through advanced. An average of 17 hours of classes and activities are scheduled each week. Classes average from five to eight students per class. While in Madrid, there will be four full-day excursions outside the capital to nearby cities

and sites of interest such as Toledo, Segovia, Salamanca, La Granja, the Escorial, and the Valle de los Cai'dos. Students are housed in carefully selected Spanish households, usually two per family. Housing is within walking distance or with easy access to rapid public transportation to classes. The program fee provides three meals a day while in Madrid.

Sweden

A student exchange program exists between APSU and Mid Sweden University where students get full credits in their major/minor areas of study while learning the Swedish language and culture. All classes taken by exchange students are taught in English. Students can study either one semester or an academic year at Mid Sweden University. Studies are offered in humanities, social sciences, science and engineering, teacher training, nursing, and social care. It is required that all students register for a Swedish language/culture class while studying at the University. Students who successfully complete their courses at the University will receive a \$250 scholarship at the end of the semester from the Mid Sweden University. APSU students pay Austin Peay tuition the semester they attend Mid Sweden University. Other expenses, such as housing, airline cost, books, and personal expenses are the students' responsibility. Financial aid and scholarships are available from APSU for studies at Mid Sweden University.

North America

Mexico

This program offered through the Mid-Continent Consortium allows students to study Spanish in an immersion setting at the University of Guanajuato, Mexico. The city of Guanajuato is the capital of the State of Guanajuato. It is a historical and picturesque city, which owes its colonial splendor to the silver mines operated by the Spanish in the 16th and 17th centuries. Guanajuato is known for its climate, scenery, subter-

anean streets, and an International Cultural Event called the Cervantino Festival. The city exemplifies the cultural values of Mexico and the architectural splendor of the Spanish colonial period. Students will be placed in direct contact with the Mexican culture, Spanish language, all while earning Spanish degree credits. Courses are offered at beginning, intermediate, and advanced levels of study.

Quebec, Canada

The Mid-Continent Consortium offers an intensive French language immersion course. It is open to students who have completed a minimum of one year of college-level French or its equivalent.

The immersion program is centered at the Ecole de langue et de culture quebe-coise at the Université de Québec · Chicoutimi. The program uses coursework, homestay, and organized activities to create

a total immersion environment. Students take courses in language, conversation, and the culture of Quebec. Courses are taught entirely in French by native faculty.

Afternoons, students choose from a number of organized activities, including volleyball, hiking, canoeing, theater, dance, art, and singing folk songs. All activities are organized by a team of energetic French language monitors who keep students speaking French throughout the day. Weekends include optional excursions to visit the cities of Quebec and Montreal, as well as the Lac St. Jean and Saguenay regions of the province of Quebec.

For advanced students, there is a three-week course in Business French, as well as a program in pedagogy for teachers of French. Other options are available year-round, including French and Snow, French and Nature, and semester-length immersion courses.

Institute for Global Security Studies

School of Technology and Public Management

Location: SSG Glenn H. English, Jr., Army Education Center

Bldg. 604 – Rm. 105, Fort Campbell, KY

Phone: 931-221-1477

Website: www.apsu.edu/igss

Global Security Studies considers transnational security issues with global implications such as the environment, terrorism, population movements, and disease threats. Students prepare for careers in government, business, education, or international organizations by complementing a specific major with an understanding of the emerging challenges posed by a globalizing world.

GLOBAL SECURITY STUDIES (MINOR)

Transnational issues with global implications that can only be solved by collaborative effort are the focus. Among the issues introduced are conventional and critical security, international law, economic security, population movement, environmental security, gender and age, infectious disease threats, transnational crime, intra-state conflict, terror, and American global power.

MINOR CONCENTRATION

	Credit Hours
GSS 2010 Introduction to Global Security Studies	9
POLS 2070 International Politics	3
POLS 3070 Theories of International Relations	3

246 Special Programs of the University

MINOR ELECTIVES

9

Note: While there is no required course distribution across disciplines, the student should work with advisors to select courses which lend depth and breadth to their studies.

AGRI 4110	Agro-Terrorism	3
COMM 4444	Cultural Context of Communication	3
CRJ 3100	Network Security	3
CRJ 3400	Terrorism: Understanding the Threat	3
CRJ 3410	Domestic Terrorism	3
CRJ 3420	International Terrorism	3
CSCI 3200	Information Security	3
ECON 4610	International Economics	3
ENGL 360H	Literature and Film Across Cultures	3
GEOG 1030	Geography of the Developing World	3
GEOG 3130	Geography of the Middle East	3
GEOG 3150	Geo-Information Systems (GIS) I	3
GEOG 3950	Population and the Environment	3
HHP 4070	Introduction to Disease	3
HHP 4730	U.S. Foreign Relations Since 1890	3
HIST 4790	The Military in Nontraditional Roles	3
PHIL 2200	Religion and the World	3
PHIL 380B	Islam as a Worldview	3
PHIL 380C	The Battle for God: Jihad, Herem, and Other Theologies of War and Peace	3
POLS 3060	Terrorism and Counterterrorism	3
POLS 4170	Power, Morality, and International Relations	3
POLS 4444	Cultural Context of Political and Social Ideas	3
PSY 4444	Cross-Cultural Psychology	3

PROGRAM TOTAL:

18

Students completing this minor are strongly recommended to take HIST 1220 and World History II in their general education core. Students should recognize that a foreign language and/or a study abroad/intern experience will significantly enhance their qualifications in this field.

The President's Emerging Leaders Program (PELP)

PELP is the premier leadership program at Austin Peay State University. The purpose of PELP is to prepare students at APSU for a lifetime of leadership. The program provides the unique opportunity to study leadership in a classroom setting and to develop leadership skills through supervised field experiences. Selection for this program is highly competitive. Students selected for the program receive an annual scholarship.

Eligibility Requirements

High-school students are accepted into the program based on the following qualifications:

1. Minimum GPA of 3.50; minimum ACT of 24;
2. Evidence of participation in high-school and community activities;
3. Evidence of leadership throughout the high-school experience; and
4. Three references, including at least one from a high-school official (principal, counselor, teacher) and one from a person in the community.

Expectations for Students Accepted into PELP

Students must be enrolled for at least 12 semester hours each semester and maintain a 3.25 cumulative GPA. Students shall complete a leadership minor which includes the following courses during their four years of study:

LDSP 1000	Introduction to the Study of Leadership (1)
LDSP 1005	Community Organizations (1)
LDSP 2000	Ethics in Leadership (1)
LDSP 2001	Communication Skills (1)
LDSP 3001	Leadership Issues I (1)
LDSP 3002	Leadership Issues II (1)
LDSP 4000	Internship in Leadership (3)
LDSP 4001	Great Leaders (1)

1. PELP students will minor in leadership. To complete the minor, students will choose, in addition to the required PELP classes, 9 hours from LDSP 3000, LDSP 3100, LDSP 3200, LDSP 4200, and SOC 2010.
2. Upper-class PELP students will serve as mentors to entering freshmen.
3. During students' time in PELP, freshmen will complete 20 hours of community service, sophomores 40 hours of community service, and juniors 20 hours of community service in an organization approved by the director.
4. During the academic school year, students will be expected to attend six to eight monthly meetings with community or campus leaders.
5. Students will be encouraged to participate in a study abroad experience.

Student Life

Web Address: www.apsu.edu/student_affairs/support_services.htm

Wilbur N. Daniel African American Cultural Center

The Wilbur N. Daniel African American Cultural Center is an important University entity dedicated to providing knowledge and programming about the historic and contemporary contributions, achievements, and social perspectives of African Americans and other people of African descent. The Center's mission is intertwined with the University's goals relative to the creation of a collaborative, integrative learning community that fosters critical thinking inquiry and self-reflection necessary in a global society. The primary purpose includes aiding in the retention of African American students, and educating and motivating all students to be highly aware and appreciative of the diverse

cultures that define the contemporary world.

Through its provision of many student-centered and student-oriented programs, events, and special services, the Center plays a vital role in assisting African American students to incorporate in their educational and social aspirations a commitment to serve their communities; and that they are highly motivated to take their rightful place as professionals and other social leaders in American society, specifically, and in the global world, generally.

Fraternity and Sorority Affairs

www.apsugreeklife.theginsystem.com

The social fraternities and sorority organizations are members of the National Pan-Hellenic Conference, the National

Panhellenic Council or the North American Inter-Fraternity Conference. Campus chapters are members of representative governing bodies that promote leadership development, excellence in scholarship, community service, and positive inter-Greek relationships.

Social fraternities and sororities organizations are active participants in University programs, activities, and special events, and are well known and respected for their many volunteer, service, and fundraising contributions to the local community and national philanthropies. A high percentage of campus student leaders are members of sororities and fraternities at Austin Peay.

Membership in social fraternities and sororities organizations is the result of a selection process known either as "Intake" or "Recruitment."

Hispanic Cultural Center

The Hispanic Cultural Center is an important University entity dedicated to providing knowledge and programming about the historic and contemporary contributions, achievements, and social perspectives of Latino and Hispanic Americans. The Center's mission is intertwined with the University's goals relative to the creation of a collaborative, integrative learning community that fosters critical inquiry and self-reflection necessary in a global society. The primary purpose includes aiding in the retention of Hispanic and Latino students, and educating and motivating all students to be highly aware and appreciative of the diverse cultures that define the contemporary world.

The Hispanic Cultural Center also serves as a place where Hispanic and Latino students can connect meaningfully with and take great pride in their heritage in a nurturing environment. Through its provision of many student-centered and student-oriented programs, events, and special services, the Center plays a vital role in assisting Hispanic and Latino students to incorporate in their educational and social aspirations a commitment to serve their communities; and

that they are highly motivated to take their rightful place as professionals and other social leaders in American society, specifically, and in the global world, generally.

Intercollegiate Athletics

Austin Peay State University competes at the National Collegiate Athletic Association Division I level in the Ohio Valley Conference. The Athletic Department sponsors men's teams in football, basketball, baseball, golf, tennis, and cross country; and women's teams in volleyball, basketball, tennis, cross country, softball, golf, indoor and outdoor track, and soccer.

National Alumni Association

The National Alumni Association of Austin Peay State University is an organization designed for the purpose of promoting the welfare of the University through the development of a program of mutually beneficial relations between the alma mater and its alumni. The association was founded in 1936 and became a national association in 1990. Its membership consists of graduates, former students, and friends of the University. It is governed by a Board of Directors elected from its membership. The mission of the organization is to serve the University by providing an association for interaction among alumni, students, faculty, and administrators; and to encourage financial support for the academic programs, student scholarships, and general development of the University, as well as provide assistance in the recruitment of new students.

The headquarters of the APSUNAA and the Alumni Relations Office is located in the Pace Alumni Center at Emerald Hill.

Student Government Association

The three branches of the Student Government Association consist of the Executive, Legislative, and Judicial bodies. The purpose of the Student Government Association is to be the voice of all students by connecting students to other students,

faculty, staff, and administration in order to improve the quality of student life and strengthen the Austin Peay State University community.

The Executive Committee is comprised of the President, Vice President, Executive Secretary, and Chief Justice. The legislative power of the SGA is the Senate that consists of representation from each class and college. The Judicial branch is the Student Tribunal and serves as the highest student court. The Student Government Association is advised through the Office of the Student Affairs.

Student Organizations

More than 100 honor, professional, departmental, social, service, and special interest groups are available to Austin Peay students. Information on these organizations and membership requirements are maintained in the Student Life and Leadership Office. Austin Peay State University registers student organizations through the Student Life and Leadership Office. The missions, activities, programs, and expressed opinions of such organizations do not necessarily represent the official viewpoint or opinion of the University.

The Govs Organization Council serves as a liaison between student organizations for the purpose of planning and implementing programs and events. The council enhances communication and cooperation within the APSU campus community by promoting unity among organizations.

Govs Programming Council

The Govs Programming Council or “GPC” is the major student programming organization on campus. It is made up of committees that allow students to give input into the recreational, social, and co-educational programming. Students gain hands-on experience with the planning and implementation of campus-wide events. General membership in the GPC is open to any undergraduate APSU student, while execu-

tive members must meet a GPA requirement, as well as have experience with the organization as a general member.

Student Publications

The All State and The Monocle

The All State is the APSU student newspaper and is housed in the Office of Student Publications along with The Monocle Yearbook and the Student Handbook and Calendar. Since 1929, The All State has served as APSU’s campus newspaper. The All State is published weekly and is a publication for the expression of student opinion and a medium for dissemination of timely news relevant to the campus community. The Monocle continues the yearbook tradition first established at Austin Peay in 1946. The Monocle preserves memories of the year in hundreds of brilliant color photos and stories and recounts important events of the year. Both publications are produced and managed by students with the guidance of the Coordinator for Student Publications. The Office of Student Publications is in the Morgan University Center. Writing, photography, design, advertising and editing positions are open to qualified students of any major on The All State and The Monocle staffs. For more information, call (931) 221-7376, e-mail theallstate@apsu.edu or themonocle@apsu.edu or stop by the Student Publications newsroom.

The Tower - “The Red Mud Review”

The literary review is published annually by students under the supervision of the Department of Languages and Literature. Its purpose is to promote and stimulate interest in creative writing; it provides students interested in the art of writing an opportunity to acquire experience in creative writing and to achieve satisfaction in seeing their work in print.

University Recreation

The vision of University Recreation is to provide the APSU community with opportu-

250 Special Programs of the University

nities to develop and enhance all aspects of wellness through quality recreational programs and services.

In January 2007, the Foy Fitness and Recreation Center opened, featuring a 3-court multipurpose gymnasium, indoor walking track, climbing wall, a cycling studio, modern fitness studios, and locker rooms. The Drew Simmons Fitness Center, now housed within the Foy Center, is a state-of-the-art fitness space with a full array of cardio, pin-selected and free weight equipment as well as other fitness accessories and tune-in televisions. In spring 2008 an outdoor swimming pool opened with lap lanes and ample lounging space was added, and in fall 2009, Blondie's, a popular local eatery, began operations in the café offering gourmet coffee, smoothies, a variety of sandwiches, soups, and more.

We offer a variety of informal, educational, and competitive activities to meet and expand the interests of our constituents. We

regularly facilitate fitness and nutrition workshops, organize intermural sports leagues and tournaments, and help students organize and operate sport clubs. Our group fitness schedule is exceptionally diverse, including dance, martial arts and general fitness classes for all abilities. Adventure recreation takes the opportunities off-campus to great state and regional locations, and Junior Gobs Summer Camp keeps kids 5-12 busy all summer. Operating hours, facility reservation/rental information, personal training details, a full group fitness schedule, dates and times for specific events and other information can be found on our Website at www.apsu.edu/recreation, or call us at (931) 221-7564 for more information.

Participation in all activities is voluntary, and each individual assumes the associated risks. Participants are strongly urged to consult a physician prior to engaging in any activity, and health and medical insurance are strongly recommended as well.

Honors and Awards

Each year, the University recognizes outstanding students at Academic Honors Day and Awards Day ceremonies and at Commencement. Some of the awards presented are listed below.

Academic Honors and Awards Ceremony

This ceremony, produced by the Honors and Awards Committee, recognizes all students holding a 3.65 GPA for undergraduates fully enrolled (12 units or more in all classes except freshman, where a minimum of 16 units are required) and a 3.85 GPA for graduate students fully enrolled (eight hours or more). The student must be fully enrolled in the previous fall term and fully enrolled per the criteria for the current spring term. The student receives a certificate/instruction letter in the mail as well as an invitation is sent to the student(s) family. The student is given individual recognition and an "Honor Student" gift bag for their distinguished achievement. It is a yearly program given in

the month of April. The ceremony also showcases recipients of departmental awards, senior student awards and outstanding faculty awards culminating in a reception.

Drane Award

The William McClure Drane Award is conferred upon an outstanding member of the graduating class chosen by the faculty of the University on the basis of character, scholarship, leadership, and service to the University. Preference is given to a student with four years of residence in the University. Miss Myrtle Drane and Mrs. Maud Drane Buckner established the award in 1950 in memory of their father, William McClure Drane, prominent citizen of Clarksville and patron of education.

Halbert Harvill Civitan Citizenship Award

The Halbert Harvill Civitan Citizenship Award is given to the member of the graduating class selected by the faculty for having made an outstanding contribution to good citizenship during his or her college career. The award is given to the student who has made the best use of his or her abilities and has worked unselfishly for the betterment of fellow students and the school community. It is not based on popularity, athletic prowess, or scholastic achievement.

Academic Discipline Awards Agriculture

James D. Hamilton Award is given annually by Delta Tau Alpha Agriculture Honor Society to the most outstanding freshman Agriculture major as chosen by faculty in Agriculture.

Biology

Jennie H. Jordan Memorial Award recognizes academic excellence in a senior-level student that is a member of Beta Beta Beta National Honor Society for Biology. Traditionally, this award has been presented to the graduating member of Tri-Beta with the highest GPA. The Eta Pi Chapter of Tri-Beta will announce the recipient during the Student Awards Day Ceremony in the spring semester. The award is honorary, and no monetary award is made.

College of Business

The graduating senior with the highest achievement in the major field of business receives an award given by the Wall Street Journal.

Computer Science and Information Technology

Outstanding graduating seniors are chosen by the department's faculty members from all areas of Computer Science and Information Technology.

Chemistry

The George M. Rawlins, Jr. Chemistry Award is granted to the member of the graduating class who has the highest GPA among chemistry majors. The winner of the George M. Rawlins, Jr. Chemistry Award receives a certificate from the chemistry department and his or her name engraved on the Chemistry Department plaque.

The Harvey Blanck Physical Chemistry Award

... honors Dr. Harvey Blanck for his more than 30 years of service to APSU as professor of physical chemistry and thus recognizes the outstanding physical chemistry student who has completed the one-year P-chem sequence. The award is a current edition of the CRC Handbook of Chemistry and Physics.

Engineering Technology

The graduating senior with the highest achievement in the major field of engineering technology is elected by engineering technology students.

Mathematics

The Mathematics Award is given to the graduating senior voted most outstanding by the faculty in the major field of mathematics. This award is given by the Clarksville Kiwanis Club. The Award Trophy will be awarded to the best sophomore mathematics student voted most outstanding by faculty in the department.

Military Science

The Military Science Awards are given annually to outstanding cadets in the ROTC program by various organizations at the national, state, local, and University level.

Nursing

The following awards are given to graduating seniors: Distinguished Senior Award by the Nursing Alumni Association, four awards by the faculty for Academic Excellence, Outstanding Senior Nursing Student, Nu Phi Student Achievement, and R.N.-B.S.N. Leadership.

252 Special Programs of the University

Political Science

The John Burgess Award is given to the graduating senior with the highest grade point average.

Robert F. Sears Physics/Astronomy Award

Established in 1999 by family and friends of the late Dr. Robert Sears, a \$500 award and commemorative plaque are presented to an outstanding student in physics or astronomy at the annual awards day ceremony. The recipient must closely identify with the legacy of Dr. Sears and be enthusiastically committed to a lifelong dedication to the sciences.

Sociology

The W.E.B. Du Bois award is given to the graduating sociology major with the highest GPA.

Honor and Professional Organizations

The following organizations recognize and honor students for their academic achievements, leadership qualities, and service. Membership offers students the opportunity to associate and interact with others who have similar goals and interests.

Go to www.apsu.edu/sll for a complete list of recognized groups and organization information.

Professional Organizations

- Alpha Kappa Psi (Business)
- APSU Philosophy Club
- APSU Society for Technical Communication (STC)
- Association for Computing Machinery (ACM)
- Beta Beta Beta – Tri Beta (Biological Sciences)
- Chi Epsilon Mu (Chemistry)
- Collegiate Music Educators National Conference
- Del Square Psi (Physics)

- Eta Sigma Phi (Classics)
- Galois Math Club
- Geo Club
- Health and Human Performance Club
- History Club
- Institute of Management Accountants (IMA)
- Lambda Tau (Medical Technology)
- National Art Education Association
- National Broadcast Society
- Phi Mu Alpha Sinfonia (Music – Males)
- Pi Sigma Alpha
- Pre Law Society
- Psychology Club
- Public Relations Student Society of America (PRSSA)
- Sigma Alpha Iota (Music – Females)
- Social Work Club
- Society for Human Resource Management
- Sociology Club
- Student Art League
- Student Tennessee Education Association
- Wildlife Society

Honor Societies

- Alpha Lambda Delta (Freshmen)
- Alpha Psi Omega
- Beta Iota Gamma
- Gamma Beta Phi (top 20% of class)
- Kappa Delta Pi (Education)
- Lambda Nu (Radiological Sciences)
- Laurel Wreath
- Omicron Delta Kappa (Leadership)
- Order of Omega (General Leadership)
- Phi Alpha (Social Work)
- Phi Alpha Theta (History)
- Phi Kappa Phi (Interdisciplinary)
- Psi Chi (Psychology)
- Sigma Delta Pi – Pi Nu (Spanish)
- Sigma Tau Delta (English and Literature)
- Sigma Theta Tau (Nursing)
- Tau Sigma National Honor Society (Transfer Students)

Student Right to Know

Code of Student Conduct

APSU students are citizens of the local community, state, nation, and academic community.

They are, therefore, expected to conduct themselves as such at all times. Admission to the University carries with it special privileges and imposes special responsibilities apart from those rights and duties enjoyed by non-students. In recognition of the special relationship that exists between the institution and the academic community which it seeks to serve, the Tennessee Board of Regents (TBR Policy 3:02:00:01) has authorized the presidents of TBR institutions to take such action as may be necessary to maintain campus conditions and preserve the integrity and educational environment of the institutions.

Pursuant to this authorization and in fulfillment of its duty to provide a secure and stimulating atmosphere in which individual and academic pursuits may flourish, the University has developed the Code of Student Conduct, APSU Policy 3:013, contained in the STUDENT HANDBOOK, which is intended to govern student conduct at Austin Peay State University.

In addition, students are subject to all national, state, and local laws and ordinances. If a student's violation of such laws or ordinances also adversely affects the institution's pursuit of its educational objectives, the University may enforce its own regulations regardless of any proceedings instituted by other authorities.

Conversely, violation of any section of the Code of Student Conduct may subject a student to disciplinary measures by the institution whether or not such conduct is simultaneously in violation of state, local, or national laws.

Generally, through appropriate due process procedures, institutional disciplinary measures shall be imposed for conduct which adversely affects the University's pur-

suit of its educational objectives, which violates or shows a disregard for the rights of other members of the academic community, or which endangers property or persons on University or University-controlled property. In addition, disciplinary action may be taken on the basis of any conduct, on or off campus, which violates University policies for Student Organizations or poses a substantial threat to persons or property within the University Community.

When students are unable to pursue their academic work effectively, when their behavior is disruptive to the normal educational process of the University or is detrimental to themselves or others, due to drug and/or psychological disturbance, they may voluntarily withdraw, or be temporarily suspended from the University.

The University Academic and Non-Academic Grievance Policies are designed to afford students a due process opportunity for expressing their complaints. These policies are published in the STUDENT HANDBOOK.

University Rights

The University shall have such rights and responsibilities as are necessary and desirable for the University to achieve its purposes. The Tennessee Board of Regents specifically confirms the following rights of the University:

1. To establish regulations concerning the use and abuse of University property and to assess students with claims of damage for such abuse;
2. To withhold grades and transcripts of credit until all claims have been paid;
3. To dismiss, in the absence of specific regulations, any student, at any time, for cause deemed by the University to be in the best interest of the student's emotional or physical safety or the well-being of the University community;
4. To establish standards of dress, man-

254 Special Programs of the University

ners, and conduct on the campus within the range of convention and good taste;

5. To establish traffic regulations on campus, provide for registration of all vehicles using the campus, and enforce such regulations as are established.
Automobile Restrictions: All cars to be parked on campus must be registered with the Office of Public Safety/campus police;
6. To control and regulate the housing of students on campus;
7. To establish or institute honor systems and ethical practice codes;
8. To supervise the scheduling of meetings, events, and activities of student organizations; and
9. To enter, inspect, and search for contraband, stolen articles, and such in the room of any student in University-owned housing facilities, when probable cause is established.

The list is not intended to be all-inclusive and in no way limits the rights, responsibilities, and authority which the University now has. It is simply a reiteration of some of the rights, responsibilities, and authority which have been and are now vested in it.

Confidentiality of Student Records

It is the policy of the Tennessee Board of Regents and Austin Peay State University to comply with the Family Educational Rights and Privacy Act (FERPA) also known as the "Buckley Amendment" and, in so doing, to protect the confidentiality of personally identifiable educational records of students and former students. The student has the right to access, to request amendment, and to file a complaint concerning his/her education records in accordance with APSU Policy 3:024. Appointments to review education records are scheduled through the Office of the Registrar at least 72 hours in advance.

If the student is indebted to the University, a copy of the education records will not be made. Except as provided by the policy, the University may disclose directory

information to any person requesting it without consent of the student. Directory information includes the student's name, permanent address, telephone number, e-mail address, date and place of birth, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, enrollment status, degrees and awards received, and the most recent previous educational agency or institution attended by the student. The University provides each student the opportunity to refuse to allow disclosure of designated directory information through the Offices of the Registrar, Ellington Building, Room 303 and the AP Center at Fort Campbell Information Window. The student will be given this opportunity at the beginning of each academic term. The student has the right to file a complaint with the U.S. Department of Education concerning alleged failures by the University to comply with the requirements of FERPA. The name and address of the office that administers FERPA is: Family Policy Compliance Office, U.S. Department of Education, 400 Maryland Ave. SW, Washington, DC, 20202-4605.

Annually, students are informed of their rights through the STUDENT HANDBOOK. A complete copy of the policy shall be made available upon request at the Office of the Registrar (free of charge) and the University library (at a nominal per-sheet charge).

Student Right to Know Act

Statistics for all crimes are publicized and distributed to employees and students on an annual basis, in the time frames required by Federal/State law, and are available to applicants for enrollment or employment upon request from the Office of Public Safety. The graduation rate is 35.6 percent. For information on the law and University policy and statistics, contact the Office of Institutional Research and Effectiveness at 931-221-6184.

Drug-Free Schools and Communities Amendments Act

All currently enrolled students are required to read the University's Drug-Free Schools and Communities Amendments Act Statement. This statement outlines policy, legal sanctions (federal, state, and University), health risks, and assistance programs related to the use of alcohol and/or other drugs on the Austin Peay State University campus. The statement is in the STUDENT HANDBOOK.

Smoking and Clean Air

All smoking is prohibited on the APSU campus, except in designated campus parking lots (APSU Policy No. 3:032). APSU promotes an environment free from tobacco smoke in buildings and vehicles where students, faculty, and staff are working, conducting seminars, research, discussions, etc. Regardless of whether classes are in session, this policy prohibits smoking 24 hours-a-day year-round. Those choosing to use smoke-free tobacco products may do so 30 feet from each building entrance and exit. (See STUDENT HANDBOOK.)

University Liability

Austin Peay State University is not responsible for bodily harm and/or death to participants in any voluntary organizations or activities, including but not limited to voluntary athletics, intramural recreation, hiking, karate, judo, skydiving, or other activities in which risk is incurred. Austin Peay State University, as an agency of the state of Tennessee, is not liable for claims resulting from injury and/or death incurred in such participation. Members of the University faculty and staff may not be held liable unless personal negligence occurs. All claims should be filed with the Tennessee Claims Commission. Forms for such claims may be obtained in the University Human Resources Office.

Purpose of the University Bulletin

The course offerings and requirements of the institution are continually under examination and revision. This Bulletin presents the offerings and requirements in effect at the time of publication, but does not guarantee that they will not be changed or revoked. Indeed, we are sure that students desire that the University continue its efforts to strengthen and improve its programs. Changes are always made with that intent. However, adequate and reasonable notice will be given to students affected by any changes. This Bulletin is not worded in contractual terms and does not constitute a contract between the student and the institution. The institution reserves the right to make changes as required in course offerings, curricula, programs of study, academic policies, and other rules and regulations affecting students, to be effective whenever determined by the institution. These changes will govern current and formerly enrolled students, and enrollment of all students is subject to these conditions. Current information is available from the following sources:

- Admission Requirements Office of Admissions
- Course Offerings. Department Offering Courses
- Degree Requirements Office of the Registrar
- Fees and Tuition Business Services Office

Austin Peay State University provides the opportunity for students to increase their knowledge by providing programs of instruction in various disciplines by faculty who, in the opinion of the University, are trained and qualified for teaching at the college level. However, the acquisition of knowledge by any student is contingent upon the student's desire to learn and his or her application of appropriate study techniques to any course or program. Thus, Austin Peay State University must necessarily limit representa-

256 Special Programs of the University

tion of student preparedness in any field of study to that competency demonstrated at that specific point in time at which appropriate academic measurements were taken to certify course or program completion. The instruction, of course, cannot warrant that any student who completes a course or pro-

gram of study will necessarily acquire skills or knowledge, or will be able to successfully pass any specific examination for course, degree, or license.

The University provides opportunities for learning and encourages learning; it is only the student who can do the learning.

Student Services

Web Address: www.apsu.edu/student_affairs/; www.apsu.edu/records/

AP Self Service

Students may apply, register, pay fees, obtain grades, order student transcripts, and obtain information on admissions, financial aid, veteran services, housing, and testing by accessing AP SELF SERVICE at <https://www.onestop.apsu.edu/>.

Book and Supply Store

Website: www.apsubookstore.com

The APSU Book and Supply Store provides the books and materials needed as part of the educational process for students. Items available include textbooks (new and used), supplies such as notebooks and folders, APSU gift items (sweatshirts, T-shirts, baseball caps, class rings and various APSU logo items), and graduation regalia. The Book and Supply Store is located in the Catherine Evans Harvill Building and can be reached at 931-221-7655.

Child Learning Center

The Child Learning Center (CLC), a department of the Division of Student Affairs, serves children ages 2 1/2 to 5 years in the preschool program. The Child Learning Center is the recipient of the National Association for the Education of Young Children accreditation. Children of APSU students, staff, and faculty, as well as alumni and members of the community who meet the age requirements are eligible to attend. The Child Learning Center is located in the Sexton Building on Eighth Street, an easily accessible part of the cam-

pus. The trained and caring staff takes pride in the facility and in the developmentally appropriate curriculum. Call 931-221-6234, Monday through Friday, during regular business hours for more information.

Student Counseling Services

The office of Student Counseling Services is located in Ellington Building, Room 202. Services are provided to promote student learning through cultural, emotional, social, intellectual, and spiritual development. Personal counseling sessions may be scheduled for a variety of issues which include adjustment to college, marriage preparation, depression, anxiety, relationship issues, stress management, low self-esteem, alcohol and drug abuse, grief, and sexuality. The primary counseling staff is made up of licensed professionals. Services are provided to students at no additional cost. Students may call 931-221-6162 for an appointment.

Govs ID Card

The Govs Card is the official identification card for every student, faculty, and staff member at APSU. It offers a convenient, easy, and safe way to make purchases and utilize campus services. The card can also be used as a library card, meal plan card, meal money (Gov Bucks), admittance to athletic events and other campus activities, access to residence halls and the student recreation center, in vending machines, and as a U.S. Bank ATM/Debit Card. Information about the Govs ID Card is available at the

Morgan University Center Information Desk, or by calling 931-221-6617.

Health Services

The University provides health services guided by standards set by The Southern Association of Colleges and Schools and American College Health Association. The A.R. Boyd Health Services, located in Ellington Building, room 104, is an outpatient clinic on the campus, with either a Board Certified Family Practice Physician or Board Certified Family/Adult Nurse Practitioner on site. Services are provided for APSU students, staff, and faculty. Students are assessed a health service fee each semester enrolled. Staff and faculty seeking services through the clinic are required to pay a visit co-pay. Minor illnesses may be treated in the clinic without additional expense except for medications, certain procedures/exams, and laboratory tests. Major illnesses are referred to the patient's family doctor or to the staff of consultants and specialists at Clarksville Gateway Hospital, an institution approved by the American Hospital Association. Medical care or related services obtained off campus is at the patient's expense. Services available at Boyd Health Services include visits with medical staff for illness and/or injury, gynecology and family planning services, well-patient physical examinations, allergy injections, immunizations and tuberculin testing, laboratory and phlebotomy services, and health education.

No medical services will be provided until a medical history is completed, signed, and filed. In addition to this initial record, the University and Boyd Health Services reserves the right to require additional examinations and/or immunizations during any time the student is enrolled at the University.

Service may be denied to patients who are noncompliant with the recommended treatment plan or whose illness is outside the scope of clinic services.

Public Safety – Campus Police

The APSU Campus Police station is open and staffed 24 hours a day, and is located in the Shasteen Building. Officers patrol the campus by automobile, electronic chariots, and on foot. The cadre of police officers attends a state police academy and are otherwise certified and trained to state standards.

The jurisdictional area extends to all facilities owned, operated, and leased by the Board of Regents, as well as public roads and right-of-ways contiguous to that property. They are armed and empowered with the same arrest authority as city and county officers. Campus officers work closely with local and state police and emergency officials, and share a common radio network. Police officers are augmented on campus by security officers and by the Student Patrol, which assist in parking and traffic control and in security during special events, and provide a security escort service for students during evening hours. Other crime prevention programs run throughout the year, including crime prevention briefings and a program for recording and engraving serial numbers on valuable items of property. Public Safety is also responsible for coordinating homeland security efforts and APSU's Emergency Preparedness Plan. For more information, contact Campus Police at 931-221-7786. For emergencies, dial 4911.

Sickness and Accident Insurance

The Tennessee Board of Regents has contracted to provide, on a voluntary basis, sickness and accident insurance. The plan, including hospital and accident benefits, is available to full-time and part-time students and their family members at a reasonable cost. Students may obtain more information about this plan at Boyd Health Services in Ellington Student Services Building or at Student Affairs in the University Center, Room 206. Students are strongly encouraged to have comprehensive health insur-

ance during their time of enrollment at the University.

Students with Disabilities

APSU welcomes students with disabilities and is committed to meeting their needs. Major renovations in the form of ramps and elevators have been made to classroom buildings, the library, and administrative buildings. Some specially adapted housing units are available for students with curb cuts, ramps, etc. Parking for students with disabilities is provided at strategic locations throughout the campus. APSU's commitment to and concern for students with disabilities is further evidenced by a permanent committee designated as the Committee for Persons with Disabilities, whose objectives are to:

1. Develop policies related to the services and activities on campus for students, faculty, and staff with disabilities;
2. Monitor questions relative to procedures and access; and
3. Make recommendations directly to the President.

This committee, in addition to other University personnel, works closely with state agencies which have programs to help students overcome difficulties they may encounter on campus as a result of their disabilities. Students with ambulatory disabilities are encouraged to visit the campus prior to enrollment and assess the physical environment for accessibility. Potential or currently enrolled students with disabilities are required to provide current documentation to substantiate a need for appropriate accommodations. For more information, students should contact the Office of Disability Services at 931-221-6230 Voice or 931-221-6278 TTY.

Traffic and Parking Regulations

Students who desire to park and/or drive vehicles on the APSU campus are required to register with the Office of Public Safety in the Shasteen Building. All vehicles must

display a proper parking decal and must be operated in accordance with state laws and University Traffic and Parking Regulations, distributed by the Office of Public Safety.

University Center

The Morgan University Center is the center of campus life at Austin Peay. The Center is the home to the University's food service operations, featuring the cafeteria and food court. In addition, the following offices are located in the facility: Student Affairs, University Facilities, Student Life and Leadership, Career and Advisement Center, Disability Services, Career Services, Student Publications (The All State student newspaper), and the Student Government Association. Besides the offices listed, the Morgan University Center includes a coffee shop and meeting rooms. In the Morgan University Center you will find regular events and programs scheduled throughout the day, as well as a location to relax and refresh from your academic studies.

University Housing

Web Address: www.apsu.edu/housing/

The University believes that life in campus housing provides students with an essential part of the educational experience. Living in a residence hall/apartment affords students opportunities for involvement in learning communities, campus activities, shared responsibilities and community experiences. Since the majority of students' study and involvement patterns are formed early, the University requires that all full-time single freshmen students under 21 years of age, not residing with their parents or legal guardians, must reside in University housing and participate in a University meal plan while in University housing.

The University has accommodations for approximately 1,500 students. Single students are housed in residence halls, generally two to a room, or Meacham Apartments and Hand Village, four to an apartment, under the supervision of professional and student staff. Also available are Honors

housing in both Harvill Hall and Blount Hall, as well as designated learning communities for first-time freshmen. Learning-living communities are located in buildings 300 and 400 of Hand Village. Rooms in Harvill Hall and Blount Hall are available to all classifications with a 3.0 GPA or higher. Incoming freshmen must have a minimum ACT score of 21 on file with the University to qualify for reservation in Harvill Hall and Blount Hall.

All resident students must provide their own bed linens, towels, and other personal accessories. Students are responsible for the care and cleaning of their rooms. Laundry facilities are available in all resi-

dence halls/apartments. Internet, cable, and in-house movie/information channel are provided. All residences are smoke free. (One, two, and three bedroom apartments are available for married students, single parents with dependent children, or single students age 23 or older with no dependents.)

Application for University Housing should be made online at www.apsu.edu/housing. Housing contracts are for the full academic year (fall and spring semesters) and renewed annually. Please refer to Housing Licensing Agreement for fee adjustment policies and deadlines.

Course Descriptions

Glossary for Course Descriptions

Accounting.....	ACCT
African American Studies	AAST
Agriculture.....	AGRI
Art	ART
Astronomy	ASTR
Biology.....	BIOL
Business Law	BLAW
Chemistry.....	CHEM
Chemical Engineering Technology.....	CHET
Classics	CLAS
Communication Arts.....	COMM
Computer Science	CSCI
Dance	DANC
Decision Sciences.....	DSCI
Early Childhood	EC
Economics.....	ECON
Education	EDUC
English	ENGL
Finance	FIN
French	FREN
General Business.....	GB
Geography.....	GEOG
Geology.....	GEOG
German.....	GERM
Global Security Studies	GSS
Greek.....	GREK
Health and Human Performance	HHP

262 Course Descriptions

History	HIST
Japanese	JAPN
International Studies	INTS
Latin	LATN
Leadership Studies	LDSP
Linguistics	LING
Management.....	MGT
Management Information Systems.....	MIS
Marketing	MKT
Mathematics	MATH
Medical Technology	MTEC
Military Science and Leadership.....	MSL
Music, Applied Music, and Individual Music Instruction	MUS
Nursing.....	NURS
Philosophy.....	PHIL
Physical Education Activities	PHED
Physics	PHYS
Political Science	POLS
*Professional Studies	PTMA
Psychology.....	PSY
*Public Management.....	PM
Quantitative Methods.....	QM
Radiologic Technology.....	RLTN
Reading.....	RDG
Science.....	SCI
Social Work.....	SW
Sociology	SOC
Spanish	SPAN
Special Education	SPED
Theatre.....	THEA
Women's Studies.....	WS

*See Fort Campbell course descriptions

ACADEMIC SUPPORT (APSU)

APSU 1000 - Liberal Arts in University Life (1)

An interdisciplinary course which provides students with the foundations for a successful university experience by integrating an introduction to the liberal arts with an orientation to APSU expectations. Emphasis is given to the meaning, values, and goals of a liberal education as students engage in academic and career planning, use the tools for information literacy, develop good academic habits, and become involved in campus life. Class begins during Freshman Orientation. Required for all **first-time freshmen** and students who enter APSU with fewer than 12 hours earned in a college/university setting. Student must remain enrolled in APSU 1000 until a grade of "C" is earned; no student who has earned 12 hours or more may enroll except those students who have two DSP requirements.

ACCOUNTING (ACCT)**ACCT 2010 Principles of Accounting I (3)**

A study of fundamental principles of financial accounting beginning with the accounting cycle, including the preparation of financial statements for service and merchandising enterprises with emphasis on corporate form and organization. The primary focus is on analyzing transactions and the use of accounting concepts.

ACCT 2020 Principles of Accounting II (3)

Prerequisite: ACCT 2010

Continuation of Accounting 2010. Accounting for businesses and introduction to the preparation and use of cost and managerial accounting. Students are required to use financial analysis tools for management level decision making, budgeting, and forecasting.

ACCT 3000 Managerial Accounting (3)

Prerequisite: ACCT 2020; *junior standing*; *Business majors must also meet the BBA admission requirement.* NOTE: *Not open to accounting majors.*

Issues associated with both the creation of accounting information and its use as the basis for managerial decision making. The course emphasizes budgeting methods, analysis of profitability, importance of cost controls, and necessity of timely accounting information.

ACCT 3010 Intermediate Accounting I (3)

Prerequisites: ACCT 2010, 2020 with a minimum grade of "C" in both; *junior standing*; *Business majors must also meet the BBA admission requirement.*

This is an intensive study of environment and theoretical structure of financial accounting and reporting with advanced problems pertaining to the corporate form of ownership. Major topics include financial statement reporting and disclosures; the accounting processes; time value of money concepts; and asset recognition and measurements of cash and temporary investments, receivables, inventories, operational assets, intangibles, investments, and current liabilities.

ACCT 3020 Intermediate Accounting II (3)

Prerequisite: ACCT 3010 with a minimum grade of "C"

This study of advanced topics in financial accounting and reporting extends the coverage of ACCT 3010. The focus is on how enterprises account for long-term liabilities, stockholders' equity; earnings per share; reporting for income taxes; derivative instruments, pensions and post-retirement benefits; leases; changes and error analysis; and segment and interim reporting.

ACCT 3100 Financial Statement Analysis and Valuation (3)

Prerequisite: ACCT 2020; *junior standing*; *Business majors must also meet the BBA admissions requirements.*

Critically analyze published annual reports, make decisions using financial information, identify particular accounting issues, recognize the limitations of accounting information, and consider the economic consequences of accounting decisions. Business analysis and valuation.

264 Accounting (ACCT)

ACCT 3110 Cost Accounting (3)

Prerequisites: ACCT 2010, 2020 with a minimum grade of "C" in each; junior standing; Business majors must also meet the BBA admission requirements.

In-depth coverage of principles, techniques, and challenges of modern cost accounting and cost management used within the organizations for planning, control, and decision making from a strategic perspective. Topics of current interest include: job order and process costing, cost behavior, joint and by-product cost allocation, activity-based costing, variable costing, budgeting, standard costing systems, variance analysis, performance measurement, and quality control.

ACCT 3210 Computer Applications in Accounting (3)

Prerequisites: ACCT 2020, Computer Literacy, junior standing; Business majors must also meet the BBA admission requirements.

A heavily application-oriented course where students will gain experience using accounting, database, spreadsheet, and other business software, while becoming familiar with internet resources related to accounting.

ACCT 3410 Not-for-Profit Accounting (3)

Prerequisites: ACCT 2020; Business majors must also meet the BBA admission requirements.

Fund and budgetary accounting by state and local governments. Federal government accounting and reporting is discussed. Additionally, accounting for other not-for-profit organizations such as hospitals, universities, voluntary health and welfare organizations will be introduced.

ACCT 3510 International Accounting (3)

Prerequisites: ACCT 2020; junior standing; Business majors must also meet the BBA admission requirements.

The effect of culture, economy, and history on the development of accounting and financial reporting standards within nations; comparison of financial statements between countries; international risk management; the move towards harmonization of accounting standards.

ACCT 3610 Forensic Accounting (3)

Prerequisites: ACCT 2010, or prerequisite may be waived by Director's approval for Homeland Security majors.

Foundations of Forensic Accounting will be introduced. Additional topics to be examined include international issues and current events in accounting, as well as exposure to the "new" world of accounting and its ever-changing environment and ethical scenarios highlighting the ethical responsibilities of accountants.

ACCT 3710 Accounting Information Systems (3)

Prerequisites: ACCT 3210, Computer Literacy, junior standing; Business majors must also meet the BBA admissions requirements.

Accounting information systems including data/information handling, concepts, practices, professional ethics, and internal controls. Students are required to complete manual and computerized accounting information systems projects, and research and prepare a written report.

ACCT 4210 Auditing (3)

Prerequisites: ACCT 3020, 3210, 3710

Auditing includes study of evidence, internal controls of an organization, professional ethics, and legal issues related to auditing, reporting on audit results and standards. Financial auditing will be emphasized; operational or internal auditing and techniques similar to auditing such as reviews and compilations.

ACCT 4220 Auditing II (3)

Prerequisite: ACCT 4210

Auditing practice and theory emphasizing current authoritative professional literature and case studies. Students are required to research and prepare written reports and make presentations using multimedia technology. Includes an individual audit practice case and a group simulated audit.

ACCT 4310 Income Tax Accounting (3)

Prerequisite: ACCT 2020; *junior standing*; *Business majors must also meet the BBA admission requirements.*

Introduction to Internal Revenue Code and Treasury Department regulations with emphasis on the determination of income and statutory deductions to compute taxable net income; taxation of gains and losses on property transactions; the alternative minimum tax. Introduction to the use of tax and financial planning techniques.

ACCT 4320 Corporate and Business Entities Taxation (3)

Prerequisite: ACCT 2020; *junior standing*; *Business majors must also meet the BBA admission requirements.*

A study of tax issues involved in the formation, capital structure, operation, liquidation, reorganization, and acquisitions of U.S. corporations, partnerships, sole proprietorships, and limited liability companies (LLCs); particular attention is devoted to C and S corporations. This course provides the tax background necessary to understand the structure of many common business transactions.

ACCT 4510 Advanced Accounting (3)

Prerequisite: ACCT 3020

Advanced accounting topics, business combinations and consolidations, partnership, international accounting, including foreign currency transactions and financial statement translations, segment and interim reporting, and accounting for bankruptcies and liquidations.

ACCT 4610 Accounting Theory (3)

Prerequisite: ACCT 3020

Selected readings from current literature, periodicals, and official publications from accounting organizations. Examination of both the historical development and current state of accounting theory, principles, and practice, and the environment influencing accounting practice. Consideration of theoretical issues associated with financial reporting. Students will write a research paper using information obtained from a variety of sources.

ACCT 490A,B,C Special Problems in Accounting (1, 2, 3)

Prerequisites: *senior standing and permission of department chair*

Supervised independent study of accounting topics (outside of classroom) which are academically relevant and of interest to both student and faculty.

266 African American Studies (AAST)

AFRICAN AMERICAN STUDIES (AAST)

AAST 2000 Contemporary African American Life (3)

Contemporary issues and achievements in African American life will be addressed in this course. The experiences of African Americans and other racial and ethnic groups will be compared and contrasted. In addition, students will develop strategies they can use with families, coworkers, and peers to create better race relations in their immediate environments and nation as a whole.

AAST 2200 Introduction to African American Studies (3)

A reading and discussion course that gives an analysis of the African American experience from a cultural, historical, social, political, and psychological perspective.

AAST 2250 African American Expressive Culture (3)

Various aspects of expressive culture within the African American community; for example, music, dance, and art will be explored. Students will learn the importance of these art forms in the daily lives of African Americans. This course will also highlight the achievements and contributions of African American artists to the world.

AAST 300 A,B,C Selected Topics in African American Studies (3)

Examination of a selected topic by an instructor relevant to issues in the field of African American Studies.

AAST 3000 Africana Women Across Cultures (3)

The roles (lifestyles, value systems, occupations) of women of African descent living in various parts of the world will be explored, compared, and contrasted. In addition, students will analyze the impact of racism, sexism, and economic oppression on the lives of these women.

AAST 3020 Seminar in African American Studies (1-6)

The focus of the seminar is determined by the individual instructor. Generally, selected seminar topics are too narrow for three-credit courses. More than one seminar may be offered in a given semester ranging from one to six credit hours. Up to six seminar hours may apply towards the minor in African American Studies.

AAST 3100 Black Leaders of the Twentieth Century (3)

Prerequisite: AAST 2200 or permission of instructor

An intellectual study of African American leaders of the 20th century, including Booker T. Washington, Ida B. Well-Barnett, W.E.B. DuBois, James Weldon Johnson, Marcus Garvey, Mary McLeod Bethune, and Charles Hamilton Houston. Focus on issues and schema of race, gender, and class relative to selected subjects and their participation in mass social movements.

AAST 3200 Study Abroad in Ghana, West Africa (6)

Prerequisites: AAST 2200 or permission of instructor

This course is designed to expose students to various aspects of life in Africa through a diverse range of topics, including the past, present, and future of African culture and societies, the transatlantic slave trade, and the efforts of one of the premiere developing countries to reclaim its nationhood.

AAST 4000 African American Studies Research (3)

This course will be divided into two components. In the first component, students will learn research methodologies appropriate for African American Studies. In the second component, students will identify a topic of interest and develop a research project. The final project should be publishable and presented to an audience of African American Studies researchers and professionals.

AAST 4100 African American Studies Field Experience (4)

Prerequisite: permission of director

Students in consultation with the Director of African American Studies will complete a supervised experiential-based, work/volunteer assignment within Clarksville or surrounding areas. The Director may approve placements in other geographical locations. During the assignment, students will apply the theories and research methodologies learned in other African American Studies courses.

AAST 4200 African Philosophy (3)

Prerequisite: AAST 2200, 4000, or permission of instructor

This course explores ancient, traditional, and contemporary philosophical/theoretical concepts and doctrines of Africans through an investigation of their cosmological, metaphysical, ontological, and ethical worldview.

AGRICULTURE (AGRI)**AGRI 1000 Survey of Agriculture (1)**

Agricultural institutions and career opportunities and agriculture's ability to meet the food and fiber needs of society.

AGRI 1040 Environmental Science (3)

This course will provide an introduction to environmental science and major environmental issues and concerns facing our planet. From background study of natural ecosystems and human populations, the course will survey the environmental, social, and economic consequences of development, energy generation, resource management and pollution.

AGRI 1140/1141 Pests, Society and Environment - Three hours lecture, two hours lab (4)

The biology and nature of pest species and their impact on society. Principles of integrated pest management in relation to environmental quality and sustainability.

AGRI 1310 Animal Science (3)

Importance and role of nutrition, physiology, breeding, selection, and management in animal production. Emphasis is placed on domestic farm animals.

AGRI 1410/1411 Plant Science - Three hours lecture, two hours lab (4)

Fundamentals of science and economic importance of plants and their relationship to agriculture and society.

268 Agriculture (AGRI)

AGRI 2210/2211 Soils - Three hours lecture, two hours lab (4)

Prerequisite: sophomore standing

Soil types, formation, chemical and physical composition, colloids, moisture, conservation, fertility, and classification.

AGRI 2310 Animal Management Practices (3)

Prerequisite: AGRI 1310 or permission of instructor

Livestock management and practices performed on a routine basis. Emphasis placed on restraints, working facilities, physical procedures performed, and humane treatment of animals.

AGRI 2410 Fruit and Vegetable Production (3)

Prerequisite: sophomore standing

Science and production practices of orchards, small fruit plantings, and vegetable gardens for home and small commercial operations.

AGRI 2500 Introduction to Agri-Business (3)

Prerequisite: sophomore standing

Role and scope of agri-business; organization forms including cooperatives, agricultural marketing, management, and financial systems; diffusion of agricultural technology.

AGRI 3000 Conservation (3)

Prerequisite: sophomore standing

Use and abuse of natural resources. Historical perspectives and current management of forests, wildlife, and soils, including aspects of recreational use and pollution problems.

AGRI 3020 Agriculture Power and Machinery (3)

Prerequisite: junior standing or permission of instructor

Agricultural power sources and machinery, work and power transformation, engine and machinery calculations, field capacities, field efficiency, break even use, and machinery adjustments.

AGRI 3040 Sustainable Development (3)

(Cross listed with GEOG 3040)

Prerequisites: GEOG 1010, MATH 1010 or higher

The impact of a rapidly growing human population on availability of natural resources and pollution of the environment. Minerals and energy resources soil, water, air, forests, and wildlife habitats will be considered. Reducing consumption and using alternative sources will be considered as options to increasing resource production.

AGRI 3110 Animal Health and Disease Control (3)

Prerequisites: AGRI 1310, BIOL 1010, or permission of instructor

The lines of defense of the body and how common disorders are diagnosed and treated, as well as how to develop good herd health programs.

AGRI 3210 Fertilizers and Soil Fertility (2)

Prerequisite: CHEM 1010 or equivalent

Sources and properties of fertilizers and other soil amendments, methods of application, and soil chemistry.

AGRI 3220/3221 Soil and Water Conservation - Two hours lecture, two hours lab (3)

Prerequisite: AGRI 2210 or GEOL 1040

Problems and methods of soil and water conservation; topography, water control structures, and farm planning for sustained use of land.

AGRI 3310/3311 Animal Nutrition and Feeding - Three hours lecture, two hours lab (4)

Prerequisites: AGRI 1310, CHEM 1010, or permission of instructor

Scientific aspects of nutrition, including digestion, absorption, and metabolism of nutrients, and ration formulation.

AGRI 3330 Beef Production Management (2)

Prerequisites: AGRI 1310, junior standing or permission of instructor

Beef cattle production systems and application of the principles of nutrition, physiology, breeding, and management to the production of beef.

AGRI 3340 Swine Production Management (2)

Prerequisite: AGRI 1310, sophomore standing or permission of instructor

Swine production systems and application of the principles of nutrition, physiology, breeding, and management to the production of pork.

AGRI 3350 Horse Production (2)

Prerequisite: AGRI 1310, sophomore standing or permission of instructor

Integration of principles of nutrition, physiology, and breeding into the management of horses.

AGRI 3360 Dairy Production Management (2)

Prerequisites: AGRI 1310, junior standing or permission of instructor

Application of principles of nutrition, physiology, and breeding to the managing of milk production.

AGRI 3370 Poultry Production Management (2)

Prerequisite: AGRI 1310, sophomore standing or permission of instructor

Poultry production systems and application of principles of nutrition, physiology, and breeding to the management of poultry.

AGRI 3380 Companion Animal Management (2)

Prerequisite: sophomore standing

Study of animals bred and maintained for man's amusement and companionship, including principles of nutrition, physiology, breeding, training, and economic impact.

AGRI 3400 Ornamental Gardening (3)

Prerequisite: sophomore standing

Design, planting, culture, and maintenance of herbaceous ornamental plants including annuals, biennials, perennials, bulbs, herbs, and wildflowers.

270 Agriculture (AGRI)

AGRI 3410/3411 Landscaping - Two hours lecture, two hours lab (3)

Prerequisite: sophomore standing

Identification, culture, design, uses, and maintenance of perennials, turf grasses, and woody plant material for home residences.

AGRI 3420 Forage Crops (3)

Prerequisite: AGRI 1410 or permission of instructor

Distribution, structure and growth, improvement, culture, harvesting, and identification of forage crops adapted to this region.

AGRI 3430 Applied Weed Science (3)

Prerequisite: AGRI 1410 or permission of instructor

Characteristics, importance, and identification of prominent weed species; integrative weed management concepts.

AGRI 3500 Agriculture Economics (3)

Prerequisite: junior standing or permission of instructor

Study of the allocation of agricultural resources, land, labor, capital, and management. Production costs, price determination, marketing, and finance.

AGRI 3610, 3620 Internship in Agriculture (2 each)

Prerequisites: approval of agriculture advisor and prior arrangements with agency

Learning experience acquired through supervised part-time unsalaried placement with an agricultural business or agency. Grading on a pass/fail basis.

AGRI 4010, 4020 Agriculture Seminar (1 each)

Prerequisite: junior standing

Preparation and presentation of reports on specially assigned current topics in agriculture.

AGRI 4110 Agro-Terrorism (3)

Prerequisite: sophomore standing

Threats to U.S. security involving the industry of Agriculture—including animal and plant diseases, toxic and explosive agricultural chemicals, invasive species, and natural disasters. Additional topics include surveillance, risk appraisal, protecting food supply, and examples of terrorist types.

AGRI 4140 Economic Entomology (3)

Prerequisite: BIOL 1010 or 1110 or equivalent or permission of instructor

Characteristics, biology, identification and economic importance of prominent insect pest species, and introduction to integrated pest management concepts and sustainability.

AGRI 4210/4211 Soil Genesis, Taxonomy, Mapping - Two hours lecture, four hours lab (4)

Prerequisite: AGRI 2210 or GEOL 3100

Soil formation, morphology, profile description, classification, and mapping.

AGRI 4230 Land Use (3)

Prerequisite: sophomore standing

Use of land for agriculture, industry, recreation, urbanization, etc; environmental concerns, regional planning, use of soil surveys, and factors in decision making.

AGRI 4310/4311 Reproduction in Farm Animals - Two hours lecture, two hours lab (3)

Prerequisites: AGRI 1310, BIOL 1010

Anatomy, physiology, and endocrine control of the reproductive system of farm animals; the application of these principles to the management of livestock, artificial insemination, and embryo transfer.

AGRI 4410 Tobacco and Grain Crops (3)

Prerequisite: *sophomore standing*

Origin, history, classification, uses, and cultural practices of tobacco, wheat, corn, and soybeans.

AGRI 4420 Forestry - Two hours lecture, two hours lab (3)

Prerequisite: *sophomore standing*

Introduction to forestry, reforestation, mensuration, harvesting, utilization, and wildlife conservation.

AGRI 4430 Genetics of Crops and Livestock (3)

Prerequisites: AGRI 1310, 1410, or permission of instructor

Mechanisms of heredity including Mendelian Principles, linkage, gene action, hybrids, mutation, and lethal genes with application to modern systems of breeding used in crops and livestock.

AGRI 4440 Plant Pathology (3)

Prerequisite: *junior standing or permission of instructor*

Identification, nature, and control of diseases of agricultural and garden crops. Control measures include chemical, biological, and cultural means.

AGRI 4500 Farm Planning and Management - Three hours lecture, two hours lab (4)

Prerequisite: 12 hours credit in agriculture or permission of instructor

Organizing and operating the farm business with emphasis on allocation of land, labor, and capital.

AGRI 4610, 4620 Cooperative Educational Experience (5 each)

Prerequisites: *approval of agriculture advisor and prior arrangement with employer*

Learning experience acquired through supervised full-time salaried employment with an agricultural business or agency. Grading on a pass/fail basis.

AGRI 4800 Agrometeorology - Three hours lecture, two hours lab (4)

Prerequisite: GEOG 1010, MATH 1010 or higher

The meteorological, climatological, and hydrological conditions significant to optimum crop growth and livestock production, including regional suitability of crops and livestock, short-term adjustments to minimize losses from adverse weather, and long-range planning based on seasonal forecasts and climate change. Application of GIS-based software to predict impacts of weather on agriculture.

AGRI 4910, 4920, 4930 Special Problems (1-3 hours)

Prerequisite: *permission of instructor*

May be repeated for credit.

272 Art (ART)

ART (ART)

Some courses are not offered every year.
Please consult with your advisor about scheduling.

ART 1010 Two-Dimensional Design (3)

Fundamental experience in two-dimensional design, with emphasis on the elements and principles of design and creative development, and media skills training.

ART 1020 Three-Dimensional Design (3)

Fundamental experiences in three-dimensional design, with emphasis on the elements and principles of design and creative development, and media skills training.

ART 1030 Art Appreciation (3)

Course renumbered from Art 2000

The relationship and influences of the visual arts on the individual and culture.

ART 1040 Drawing I (3)

The fundamentals of drawing for visual arts.

ART 1050 Drawing II (3)

Prerequisites: ART 1010, 1040

Drawing the human form and study of anatomy in composition.

ART 1070 Electronic Imaging (3)

The use of MacIntosh computer hardware and software as a visual arts tool.

ART 2010 Art History, Survey I (3)

A history of the visual arts from cultures throughout the world, from prehistory to 1300 A.D., that examines works of art within their social, political, economic, religious, technological, and philosophical contexts.

ART 2020 Art History, Survey II (3)

A history of the visual arts from cultures throughout the world, from 13th to 20th centuries, that examines works of art within their social, political, economic, religious, technological, and philosophical contexts.

ART 2030 Printmaking I (3)

Prerequisites: ART 1010, 1040

The study and practice of relief and intaglio printmaking techniques with an emphasis on the development of hand skills and basic inking and printing methods.

ART 2040 Painting I (3)

Prerequisites: ART 1010, 1040

The fundamentals of pictorial composition with emphasis on individual creative expression. An investigation of material and techniques in oil and polymer painting.

ART 2050 Pottery, Ceramics I (3)

Use of slab, coil, pinch, and modeling, and introduction to wheel construction methods of forming ceramic vessels. Glazes and surface decoration are included.

ART 2070 Sculpture I (3)

Prerequisites: ART 1020, 1040

Introduction to sculptural techniques and materials. Included are modeling, carving, construction, and casting.

ART 2090 Photography I (3)

Introduction to creative black and white photography with small-format camera. Introduction to development of film, camera use, and darkroom procedure.

ART 2320 Graphic Design I (3)

Prerequisites: ART 1010, 1040

Graphic design fundamentals and layout techniques, design of comprehensives, commercial craftsmanship, and image making.

ART 2520 Typography (3)

Prerequisites: ART 1010, 1040

An introduction to basic layout with type, type design, study of styles, and history of typography.

ART 3080 Illustration I (3)

Prerequisites: ART 1010, 1040, 2320, or permission of instructor

Exploring the invention of images related to visual communications and illustration techniques. Emphasis will be placed on research, conceptualization, and visualization processes as they relate to graphic design.

ART 3110 Prepress Production (3)

Prerequisite: ART 2320

An introduction to methods of preparing design for commercial printing, using Macintosh systems and software. Topics include document and image preparation, printing presses, separation, etc.

ART 3140 Art Education I (3)

Concepts of art education in public school programs; laboratory experiments in media and techniques; and child development and learning based on visual experiences. Methods of teaching at elementary grade level.

ART 3150 Art Education II (3)

Prerequisite: ART 3140

Study of the nature and practice of the art specialist in the teacher-learning situation. Planning educational objective, units for learning, methods of evaluation, and administration of art programs in public schools. Includes 10 hours of classroom observation.

ART 3160 Art Education III (3)

Prerequisite: ART 3150

Study of recent research findings in Art Education. Students study the history of art education and complete a comprehensive plan for a course of study in criticism of art objects. Includes 15 hours of classroom observation.

274 Art (ART)

ART 3170 Advanced Digital Imaging (3)

Prerequisite: ART 1070 or permission of the instructor

Specialized course in the use and understanding of advanced digital imaging programs with an emphasis on motion and time. MacIntosh platform programs approached with studio art applications.

ART 3200 Art History, United States (3)

A contextual study of the achievements in architecture, painting, and sculpture from the Colonial 17th century through the modern 20th century.

ART 3220 Modern Art, 19th and 20th Century (3)

Prerequisites: ART 2010, 2020

Study of major developments in European and American painting, sculpture, and architecture from the French Revolution to the end of WWII.

ART 3230 Art History, Contemporary (3)

Prerequisites: ART 2010, 2020

Historical precedents and methods of criticism will be used as criteria for study of images from the 1960s to the present.

ART 3240 Art History, History of Photography (3)

A study of the invention and development of photographic processes and styles from a socio-historical stance for an understanding of photography's place in history, art history, and the history of communication.

ART 324x Art History, Special Topics (3)

Prerequisites: ART 2010, 2020, or permission of the instructor

An in-depth study of selected topics in the history of art, including specific artists, stylistic movements, methodology, and/or art criticism. Topics to be announced. May earn up to a total of six hours of 324x courses.

ART 3270 History of Graphic Design (3)

Study of visible language and visual communication in graphic arts and design. Emphasis will be placed on art historical developments as they relate to graphic design in the 20th century.

ART 3340 Drawing III (3)

Prerequisite: ART 1050

Use of drawing media for creative image making.

ART 3370 Web Design (3)

Prerequisite: ART 1070

Focus on the design of internet sites. Emphasis placed on the visual design, navigation development, communication, and authoring Websites.

ART 3430 Printmaking II (3)

Prerequisites: ART 1010, 1040

The study and practice of photo-mechanical processes as they relate to printmaking. Techniques will include photo-silkscreen and various print formats using traditional and experimental image-making methods.

ART 3440 Painting II (3)

Prerequisite: ART 2040

A continuation of any painting medium or combination of medium, with emphasis on individual problems and the organization of ideas in creative design.

ART 3450 Ceramic Sculpture (3)

Prerequisites: ART 1020, 1040

Use of clay bodies to construct sculpture forms utilizing slab, modeling, coil, cast, thrown, extruded, or experimental forming techniques to make creative statements in sculpture.

ART 3530 Printmaking III (3)

Prerequisites: ART 1010, 1040

Printmaking forms in both traditional methods and new techniques, including photolithography, collography, and monitoring.

ART 3540 Drawing IV, Thematic Development Drawing (3)

Prerequisites: ART 2010, 2020, 3340

An advanced drawing course in which students develop and explore self-directed serial imagery, and examine their work in both an historical and contemporary critical context.

ART 3550 Glazes and Surface Design (3)

Prerequisite: ART 2050

Advanced experimentation in design and creation of surface effects and coatings on fired ceramic objects, especially glaze formulating.

ART 3560 Painting, Watercolor I (3)

Prerequisites: ART 1010, 1040

Explore the concepts and techniques of pictorial composition using watercolor. Intermediate level studio course for students with proven skills in drawing and painting.

ART 3570 Sculpture II (3)

Prerequisite: ART 2070

A continuation of Sculpture I with emphasis on personal artistic development in combining media and techniques in sculptural forms.

ART 3590 Photography II (3)

Prerequisite: ART 2090

A continuation of Photography I. Students work toward improving their darkroom skills and developing a personal direction for their work. Documentary and studio photography are introduced, as well as creative, alternative process.

ART 3650 Pottery-Ceramics II (3)

Prerequisite: ART 1020, 2050, or permission of instructor

Advanced work in design and techniques of creating ceramic vessels.

ART 3690 Digital Photography (3)

Prerequisites: ART 1070, 2090

Exploration of photography through digital media, to include digital camera, computer hardware, and software.

276 Art (ART)

ART 4040 Painting III (3)

Prerequisite: ART 3440

Advanced studio experiences for painters, exploring content, techniques, and mediums employed by contemporary artists. Studies in professional portfolio development for painters, and technical preparations and display of works on panel and canvas.

ART 4060 Painting, Watercolor II (3)

Prerequisite: ART 3560

Advanced studio experience for watercolors; exploring content, techniques, and mediums employed by 19th and 20th century Asian and Western artists. Topics include studies for development of a professional watercolor portfolio and presentation/display of works on paper.

ART 4070 Sculpture III (3)

Prerequisite: ART 3570

This course will focus on critical thinking, creative problem solving, and development of a personal visual vocabulary. Students will research contemporary issues in sculpture and use those ideas in the development of their personal work.

ART 4080 Illustration II (3)

Prerequisite: ART 3080

Focus on the development of a personal technique, style, posture, and vocabulary. Emphasis will be on images that concentrate on book and editorial illustration.

ART 4085 Illustration III (3)

Prerequisite: ART 4080

Advanced studio experience for illustrators. Topics will include the relationship of image to text, narrative development, and self-directed imagery.

ART 4090 Problems in Art (3)

Prerequisite: permission of instructor

A continuation of work in a specific media under the direction of an instructor in a scheduled class. May be repeated for a second three hours, but may not be enrolled in for six hours concurrently.

ART 410x Topics in Studio Art (3)

Prerequisite: permission of instructor

Concentrated study in a studio area. In-depth research on specific artists, movements, periods, current issues, and/or problems in studio art. Topics to be announced. May be repeated, but credit is limited to three hours per topic.

ART 4120 Graphic Design II (3)

Prerequisite: ART 2320

Intermediate study and skill development in the visual elements and media used in layout and design development for comprehensives.

ART 4125 Graphic Design III (3)

Prerequisite: ART 2520, 4120

Advanced study and skill development in the visual elements and media used in layout and design development for comprehensives.

ART 4150 Studio, Senior Seminar (3)

Prerequisites: approval/acceptance to the BFA program; approval of semester contract by instructor

ART 4150 and ART 4160 must be taken during different semesters. A lecture/lab course; lecture focuses on business of art and design by directing students to define their professional goals and discuss career options. Students will select a faculty mentor to oversee their studio/lab work.

ART 4160 Senior Thesis II (3)

Prerequisites: ART 4150, approval of semester contract by instructor

A capstone course for BFA Majors that focuses on the business of art by directing students to define their professional goals, discuss career options, and develop a professional portfolio. Students continue independent work with their faculty mentors. Students will present a final exhibition of work that is representative of their course of study.

ART 4190 Photography III (3)

Prerequisite: ART 2090

A continuation of Photography II. Students are expected to be more self-directed in developing the content of their projects. Idea development and issue related work is emphasized. Digital imaging is used as a tool, as well as alternative darkroom processes.

ART 4310 Art Internship (3)

Prerequisite: permission of instructor and department chair

On-the-job training for art students who have art-related job opportunities. May be repeated for a second three hours, but may not be enrolled in for six hours concurrently.

ASTRONOMY (ASTR)**ASTR 1010 Planetary Astronomy - Three hours lecture, three hours lab (4)**

Corequisite: ASTR 1011

The subjects of planetary astronomy such as the planets and their moons, planetary geology, the sun, the origin of the solar system; the tools and methods of astronomy including celestial observation, light and other types of radiation, telescopes and spectroscopy. Laboratory 1011 is to be taken concurrently.

ASTR 1020 Stellar Astronomy - Three hours lecture, three hours lab (4)

Corequisite: ASTR 1021

The subjects of stellar astronomy such as starbirth, starlife, stardeath, pulsars, blackholes, galaxies, Quasars, and cosmology; the tools and methods of astronomy including locating and naming stars and constellations, light and other radiation, telescopes, and spectroscopy. Laboratory 1021 is to be taken concurrently.

ASTR 2010 Problems in Planetary Astronomy (1)

Prerequisite: Completion of math core course; *Corequisite:* ASTR 1010

Problems to accompany ASTR 1010 Planetary Astronomy for students seeking mathematical foundation to planetary astronomy.

278 Astronomy (ASTR)

ASTR 2020 Problems in Stellar Astronomy (1)

Prerequisite: Completion of math core course; *Corequisite:* ASTR 1020

Problems to accompany ASTR 1020 Stellar Astronomy for students seeking mathematical foundation to stellar astronomy.

ASTR 3005 Observational Astronomy - One hour lecture, three hours lab (2)

Prerequisites: ASTR 1010 or 1020; *Corequisite:* ASTR 3006 (*concurrent enrollment is required*)

This course will involve a significant number of nighttime observing hours each week. Students will learn the constellations and stars of the night sky. They will learn to set up, align, and use several different types of telescopes.

ASTR 3010 History of Astronomy (3)

Prerequisites: ASTR 1010, 1020

This course examines the historical development of the science of astronomy. Beginning with the ancient cultures and their religious associations with astronomy, through the philosophies of the ancient Greeks, and moving into the renaissance era with Copernicus, Kepler, Galileo, and finally Newton. The course concludes with the modern era and the development of modern theories in astronomy and astrophysics.

ASTR 3020 Cosmology (3)

Prerequisites: MATH 1110 or higher, ASTR 1010, 1020

This course examines current theories on the origin and evolution of the universe. The subjects of the course will include the Big Bang theory, cosmological inflation, dark matter, dark energy, and the final fate of the universe.

ASTR 3030 Methods and Instrumentation in Astronomy - Two hours lecture, three hours lab (3)

Prerequisites: PHYS 2020 or 2120; *Corequisite:* ASTR 3031

Detailed introduction to the techniques and instrumentation used in modern observational astronomy. Includes astronomical sources, observational limits, telescopes, atmospheric effects, spectrographs, single-channel detectors and advanced solid-state detectors of all types.

ASTR 3040 Astrobiology (3)

Prerequisites: Completion of math core course, completion of one course (two are recommended) in Astronomy, Biology, Chemistry, Physics, or Geography.

Introduction to Astrobiology. Topics include the formation of stars and planets, stellar habitable zones, properties of life, origin and evolution of life on Earth, the search for life elsewhere in the Universe, mass extinctions, extremophiles, space missions, SETI, Drake equation. Designed for non-science, liberal arts majors.

ASTR 4000 Astrophotography and Image Processing - One hour lecture, six hours lab (3)

Prerequisites: ASTR 1010, 1020; *Corequisite:* ASTR 4001

This course will involve a significant number of nighttime observing hours each week. Students will learn the fundamentals of astrophotography using web cams; digital, CCD and video cameras; and the techniques of image processing for scientific and aesthetic value. A basic knowledge of photography, either 35mm or digital, is essential for successful completion of this course.

ASTR 4010 Astrophysics I: Introduction to Stellar Structure and Evolution (3)

Prerequisites: ASTR 1020, 2020, PHYS 2120, MATH 3120 *or* PHYS 3005

Introduces the physics of the sun and stars. Includes properties of E&M radiation, stellar distances and magnitudes, radiative transfer, the sun, the ISM and star formation, stellar evolution, stellar endpoints and variable stars.

ASTR 4020 Astrophysics II: Galactic Structure and Cosmology (3)

Prerequisites: ASTR 4010

Includes galactic coordinates, galactic rotation curves, N-body concepts and the virial theorem, Galactic formation and evolution, external galaxies, galaxy cluster evolution, Hubble's law and the distance scale, large-scale structure, cosmology and the particle physics connection.

ASTR 4150 Special Topics in Astronomy (1)**ASTR 4160 Special Topics in Astronomy (2)****ASTR 4170 Special Topics in Astronomy (3)**

Prerequisites: ASTR 1010, 1011, 1020, 1021 *and permission of instructor*

Selected topics of interest in advanced astronomy. Topics to be chosen by the instructor and students. ASTR 4150, ASTR 4160 and ASTR 4170 may be taken for different topics for a total of up to 15 credit hours combined.

ASTR 4151 Research Experience (1)**ASTR 4161 Research Experience (2)****ASTR 4171 Research Experience (3)**

Prerequisites: ASTR 1010, 1011, 1020, 1021 *and permission of instructor*

Research activities in astronomy agreed on by the students and instructor which may emphasize lab techniques or data acquisition and analysis. Written and oral reports are required. ASTR 4151, ASTR 4161 and ASTR 4171 may be repeated for different research areas for a total of up to 15 credit hours combined.

ASTR 4950 Independent Study in Astronomy (1)**ASTR 4960 Independent Study in Astronomy (2)****ASTR 4970 Independent Study in Astronomy (3)**

Prerequisites: ASTR 1010, 1011, 1020, 1021 *and permission of instructor*

Current topics in astronomy. Topics to be chosen by student. Subject to be approved by instructor. May be repeated with permission of instructor.

BIOLOGY (BIOL)**BIOL 1010 Principles of Life -Three hours lecture, three hours lab (4)**

A course for non-science majors. Topics covered include scientific methodology, the nature of living organisms, cell structure and function, cell chemistry and division, nature of heredity and gene action, and the theory of evolution. BIOL 1010 will not serve as a prerequisite of upper division biology courses.

280 Biology (BIOL)

BIOL 1020 Diversity of Life - Three hours lecture, three hours lab (4)

A course for non-science majors. The course reviews basic scientific methodology and surveys the kingdoms of life with particular attention to the evolution and ecology of these forms. The portion of the course involving vertebrate animals will include discussions of selected human systems. BIOL 1020 will not serve as a prerequisite of upper division biology courses.

BIOL 1040 Human Biology - Three hours lecture, three hours lab (4)

A course for non-science majors. A survey of human structure, function, evolution, and ecology. Topics covered include scientific methodology, biological chemistry, cells, tissues, organ systems, genetics and human development, evolution, and ecology. BIOL 1040 will not serve as a prerequisite of upper division biology courses.

BIOL 1110 Principles of Biology - Three hours lecture, three hours lab (4)

A principles course for students majoring or minoring in biology or other sciences. Topics include scientific methodology, an overview of the physiological processes of living organisms including metabolism and energy transfer, concepts of inheritance and the nature of genes, and foundational concepts of evolution and ecology. A brief overview of the kingdoms of life and the rudiments of classification will be presented.

BIOL 2010 Human Anatomy and Physiology - Three hours lecture, three hours lab (4)

Designed for students in health and human performance, psychology, nursing, and allied health programs. Structure and function of the human body, with emphasis on cellular structure and function, tissues, and the integumentary, skeletal, muscular, nervous, and endocrine systems will be discussed.

BIOL 2020 Human Anatomy and Physiology - Three hours lecture, three hours lab (4)

Prerequisite: BIOL 2010

Continuation of BIOL 2010. Treats the cardiovascular, lymphatic, immune, respiratory, digestive, and excretory systems, water and electrolyte balance, human reproduction, growth, and development, and human genetics.

BIOL 2300 Principles of Microbiology - Three hours lecture, three hours lab (4)

Prerequisite: BIOL 2020

An introductory study of bacteria, viruses, fungi, and protozoans with particular emphasis on their relationship to infection and disease. Asepsis, immunity, sterilization, and special problems related to patients and hospitals. Completion of BIOL 2300 does not substitute for BIOL 3050 for a Biology major or minor.

BIOL 3050 Microbial Diversity - Three hours lecture, three hours lab (4)

Prerequisite: BIOL 1110

The evolutionary process will provide an overarching theme in a comparative study of the morphology, physiology, and ecology of representative microorganisms. The coevolution of hosts and pathogens will also be discussed. The term microorganism includes subcellular viruses, bacteria, protists, and microscopic fungi.

BIOL 3060 Zoological Diversity - Three hours lecture, three hours lab (4)

Prerequisite: BIOL 1110 or 2020

A comparative study of the taxonomy, functional morphology, development, ecology, and evolution of representative animals.

BIOL 3070 Botanical Diversity - Three hours lecture, three hours lab (4)

Prerequisite: BIOL 1110

A survey of algae, plants, and fungi including comparative studies of structure, reproduction, evolution, ecology, and economic importance.

BIOL 3130 Genetics - Three hours lecture, three hours lab (4)

Prerequisite: BIOL 1110 or 2120

Consideration of the principles underlying inheritance in plants and animals. Application of these principles to population dynamics. Concepts are taught through problems based on experimental data.

BIOL 3200 Women and Science - Three hours lecture (3)

Prerequisite: eight hours of natural science

This course is an interdisciplinary survey of women in science. Contributions of women scientists to the natural sciences will be studied; using this historical context, students will consider broad social questions such as: Do barriers still exist for women/girls in science? and How do cultural biases impact the objectivity of scientific studies?

BIOL 3330 Principles of Evolution - Three hours lecture, three hours lab (4)

Prerequisite: BIOL 1110 or permission of instructor

Designed to impart an understanding of the core concepts in modern evolutionary theory, and an appreciation of the central position that theory holds as a theme unifying all subdisciplines of biology.

BIOL 3730 Medical Microbiology - Three hours lecture, three hours lab (4)

Prerequisite: BIOL 1110 or 2020

Knowledge and interpretation which will enable the student to become proficient in isolating and identifying human pathogens. Bacterial isolation and morphology will be stressed.

BIOL 3760 Immunology and Serology - Three hours lecture, three hours lab (4)

Prerequisite: BIOL 2300 or 3050

Fundamentals of antigen-antibody reactions, and serologic procedures performed in the clinical laboratory.

BIOL 4020 Biological Sciences and Geographic Information Systems - Three hours lecture, three hours lab (4)

Prerequisites: BIOL 1110 or equivalent and one upper division biology course or permission of instructor

Students in the biological sciences shall learn the functionality of geographic information systems and spatial analysis related to epidemiological and population dynamics. They will learn the integration of computer plotting, site investigative mapping, and analysis of ge-positioning satellite information from the application of real-time case studies of research problems in the biological sciences.

282 Biology (BIOL)

BIOL 4040 Histology - Three hours lecture, three hours lab (4)

Prerequisite: BIOL 1110

Principal mammalian tissues. Primary emphasis is placed on the recognition of tissue types and their relationships within the organs.

BIOL 4050 Field Botany - Two hours lecture, four hours lab (4)

Prerequisite: BIOL 1110 or equivalent and one upper division Biology course

A study of local vascular plants with emphasis on identification, the use of manuals, preparation of collections, and distinguishing features of the major groups.

BIOL 4070 Animal Behavior - Three hours lecture, three hours lab (4)

Prerequisites: BIOL 1110 or equivalent and one upper division Biology course

The course will instruct the student in major topics of animal behavior. The instructional material will focus on the three main areas of animal behavior research, categories of animal behavior, evolution of animal behavior, and neuro-analysis of animal behavior.

BIOL 4080 General Ecology - Three hours lecture, three hours lab (4)

Prerequisite: BIOL 1110 or equivalent and one upper division Biology course

A survey of basic ecological principles and processes and their application of the welfare of humans and their environment. Lecture and laboratory activities focus on understanding ecosystem dynamics. Includes statistical analysis of field-collected data.

BIOL 4100 Biostatistics - Three hours lecture, three hours lab (4)

Prerequisites: completion of the mathematics core and senior status or permission of instructor

Statistical methods in biological research. Basic descriptive and inferential statistics, frequency distributions and analyses, analysis of variance, linear regression, correlation, non-parametric analogues to parametric methods, relationships between experimental design and data analysis used in hypothesis testing. Selected multivariate analysis, statistical resampling methods, and data reduction techniques discussed. Computer use emphasized.

BIOL 4110 Animal Physiology - Three hours lecture, three hours lab (4)

Prerequisites: BIOL 1110, 3060, and one eight-hour chemistry series

A survey of animal physiology with emphasis on mammalian systems. The molecular and cellular aspects of physiology as they relate to the function of the organisms are considered. All major systems are discussed.

BIOL 4120 Plant Physiology - Three hours lecture, three hours lab (4)

Prerequisites: Eight hours of Biology to include BIOL 1110 and one eight-hour chemistry series

Principal physiological processes of plants, including mineral nutrition, photosynthesis, water relation, translocation, respiration, growth hormones, photo-physiology, and biological function of nucleic acids and proteins.

BIOL 4160 Human Physiology - Three hours lecture, three hours lab (4)

Prerequisites: BIOL 1110 or 2020, CHEM 1110

The molecular and cellular aspects of human physiology as they relate to the regulation of homeostasis, cellular metabolism, the nervous system, muscle, cardiovascular, respiratory, renal, gastrointestinal, and endocrine systems. BIOL 4160 does not fulfill the physiology requirement for the Biology major or minor.

BIOL 4200 General Embryology - Three hours lecture, three hours lab (4)

Prerequisite: BIOL 1110 or 2020 or permission of instructor

The morphology and physiology of vertebrate development.

BIOL 4230 Advanced Topics in Genetics - Three hours lecture, three hours lab (4)

Prerequisites: BIOL 3130

This course is designed to explore current topics in genetics and regulation of gene expression. Concepts are taught through literature review and experimental problems.

BIOL 4300 Bacteriology - Three hours lecture, three hours lab (4)

Prerequisites: BIOL 1110 or equivalent and one upper division Biology course

An introduction to each of the 10 groups of bacteria. Major emphasis will be placed on those groups that greatly affect humans through their beneficial or harmful attributes.

BIOL 4340 Phycology - Three hours lecture, three hours lab (4)

Prerequisites: BIOL 1110 or equivalent and one upper division Biology course

A study of the structure, evolution, ecology, and physiology of algae. Students will conduct research to learn methodologies needed to use physiological and ecological characteristics of algae as indicators of environmental health.

BIOL 4350 Field Zoology - Three hours lecture, three hours lab (4)

Prerequisite: BIOL 3060

A survey of the native vertebrate animals, with emphasis on collection, preservation, identification, and taxonomic relationships.

BIOL 4400 Teaching Science in High School - Three hours lecture (3)

Prerequisite: provisional admission to Teacher Education

Emphasis is placed on providing preservice secondary science teachers with the opportunity to develop and present brief laboratory activities, teach selected concepts to peers, and prepare written activities that promote critical thinking and meet the needs of students with diverse learning preferences. Preparation of a 2-3 week teaching unit and 20 hours of field experience are required.

BIOL 4440 Cell and Molecular Biology - Three hours lecture, three hours lab (4)

Prerequisites: BIOL 1110 or equivalent and one upper division Biology course and one eight-hour Chemistry series or permission of instructor

The fundamental role of macromolecules and cell ultra structure in mediating such cellular activities as permeability, excitability, secretion, cell-cell communications, and energy transduction. The function of the cell at the molecular level is emphasized.

BIOL 4450 Biotechnology - Three hours lecture, three hours lab (4)

Prerequisites: BIOL 1110 or equivalent and one upper division Biology course

Instruction of students in the isolation and manipulation of nucleic acids for the construction and characterization of recombinant DNA molecules, either for the generation of genetic probes or the development of genetically engineered microorganisms. Emphasis is placed on the uses of these tools in research, biotechnology, and diagnostics.

284 Biology (BIOL)

BIOL 4500 Research – Six to twelve hours lab (2-4)

Prerequisites: permission of the instructor, minimum 2.5 cumulative GPA, minimum 3.0 average in Biology; 16 hours of 3000-4999 level Biology courses

This course is offered for those who desire to pursue a special study of some biological problems beyond what is possible in regular courses. The student is expected to select and plan a research problem and pursue it to some state of completion. The data are to be written in acceptable scientific form and available for a seminar. Maximum of eight hours.

BIOL 4540 Plant Ecology - Three hours lecture, three hours lab (4)

Prerequisites: BIOL 1110 or equivalent and one upper division Biology course and eight hours of Chemistry or permission of instructor

An overview of the field of plant ecology, including topics in plant population biology, species interactions, plant-environment interactions, and community structure. Investigations will take place in the field and in the laboratory.

BIOL 4560 Aquatic Macroinvertebrates - Three hours lecture, three hours lab (4)

Prerequisite: senior status or permission of instructor

An investigation of the diversity of aquatic macroinvertebrates through the study of the taxonomy, morphology, development, ecology, and evolution of selected taxa. Emphasis on freshwater forms of southeastern U.S.

BIOL 4600 Parasitology - Three hours lecture, three hours lab (4)

Prerequisites: BIOL 1110 or 2020 and one upper division Biology course or permission of instructor

A survey of the parasitic protozoans, helminths, and arthropods affecting man and other animals. Emphasis is placed on morphology, life cycles, host-parasite relationships, methods of reproduction, transmission, and control.

BIOL 4620 Ornithology - Three hours lecture, three hours lab (4)

Prerequisites: BIOL 1110, 3060, and eight hours of chemistry or permission of instructor

A study of the evolution, taxonomy, identification, life history, and behavior of birds, with emphasis on local representatives.

BIOL 4700 Topics in Biology (1-3)

Prerequisites: BIOL 1110 and one year of upper division biology or permission of instructor

Special courses or workshops in selected topics. Specific topics may be developed by faculty or by students in consultation with a faculty member. This course may be repeated for a cumulative total of 9 credit hours.

BIOL 4810 Wildlife Management Internship (15)

Prerequisites: junior or senior status and permission of instructor

One semester of on-the-job experience in various phases of wildlife or fisheries management. Students are assigned as trainees to an APSU-approved agency.

BIOL 4820 Environmental Education Internship (15)

Prerequisites: junior or senior status and permission of instructor

One semester of on-the-job experience in planning and implementing environmental education programs. Students are assigned as trainees to an APSU-approved agency.

BUSINESS LAW (BLAW)**BLAW 3210 Business Law I (3)**

Prerequisite: admission to the BBA Program

A study of the legal right and potential liabilities of business people. Included is an introduction to the nature of the legal system, the basic law contracts, the uniform commercial code (sales, commercial paper, secured, transactions), bankruptcy, and agency.

BLAW 3220 Business Law II (3)

Prerequisite: admission to the BBA Program

A study of the legal rights and potential liabilities of business people. Included are the basic legal principles of agency, partnerships, corporations, securities, personal property and bailment, real property, environmental controls, and estates and trusts.

BLAW 3300 Social, Legal, and Political Environment of Business (3)

Prerequisite: admission to the BBA Program

Presentation of law of an expanding social, legal, and political institution; the development and nature of the legal system; business crimes; the law of torts; constitutional limitations of regulatory powers; legislative, judicial, and administrative control of business activity through tax laws, antitrust laws, laws of employment, labor laws, and consumer and debtor protection laws.

CHEMISTRY (CHEM)**CHEM 1000 Chemistry for General Education - Three hours lecture, three hours lab (4)**

Study of the essentials of general, organic, and biological chemistry. A one semester course designed for nursing students (ADN only). Will not serve as prerequisite for any other chemistry course.

CHEM 1010 Chemistry: Society and the Environment - Three hours lecture, three hours lab (4)

The nature of matter and energy, the developments of chemical technology, and the interaction of this technology with humans and their environment. Topics include atomic structure, energy in matter, chemical bonding and molecular structure, solutions, acid-base reactions, and redox reactions. (Suggested for non-science majors.)

CHEM 1020 Chemistry: Society and the Environment - Three hours lecture, three hours lab (4)

Prerequisite: CHEM 1010

Basic organic chemistry, synthetic polymers, biochemistry, air and water pollution, consumer chemistry, and energy sources. (Suggested for non-science majors.)

CHEM 1040 Industrial Chemistry - Three hours lecture, three hours lab (4)

Prerequisite: CHEM 1010 with a grade of "C" or higher

Chemical concepts of industry, basic chemical engineering and chemical processing, basic organic chemistry, synthetic polymers, diffusion, fluid flow, heat transfer, air and water pollution, and energy sources.

286 Chemistry (CHEM)

CHEM 1110 General Chemistry - Three hours lecture, one hour recitation, three hours lab (5)

Corequisite/Prerequisite: MATH 1730 or higher

Fundamental laws and theories; elements, compounds, and mixtures; atomic structure; kinetic theory and gas laws; chemical calculations; and chemistry of solutions.

CHEM 1120 General Chemistry - Three hours lecture, one hour recitation, three hours lab (5)

Prerequisite: CHEM 1110 with a grade of "C" or higher, MATH 1730 or higher with a grade of "C" or higher

Acids, bases, and salts; kinetics; electrochemistry; thermodynamics; descriptive chemistry; organic chemistry; nuclear chemistry.

CHEM 1310 Introduction to Process Operations (2)

Introduction of the chemical process industry; basic knowledge of the raw materials involved and chemical processing techniques used to acquire finished product; chemical plant operations; job responsibilities of the chemical technician.

CHEM 1320 Introduction to Process Operations (2)

Introduction of the operations at chemical plants; basic understanding of safety, health, and environmental regulations for chemical plant operators; hazardous materials/waste handling and transportation; industrial hygiene plans; emergency response.

CHEM 1710 Introduction to Chemistry and Physics - Three hours lecture, three hours lab (4) - (same as PHYS 1710)

Introductory integrated lab/lecture course in chemistry and physics. Included are hands-on and computer-based activities in the scientific method, astronomy, motion, energy, kinetic theory, waves and sound, atomic structure, electricity and magnetism, elements and periodic properties, chemical bonding, electrochemistry, environmental issues, and linkage to NASA via the Internet. (May not be combined with CHEM 1010 or PHYS 1010 to fulfill Natural Science core requirements.)

CHEM 1840 Chemical Mathematics - Two hours lecture (2)

Prerequisites: CHEM 1020 or 1120 with a grade of "C" or higher

Review of the mathematical problems of general chemistry.

CHEM 2940 Introduction to Research - One hour lab (1)

Prerequisite: permission of instructor

Experiment design including methods, laboratory techniques, and information resources in a specialized area. May be repeated one semester.

CHEM 3210 Quantitative Analysis - Three hours lecture, three hours lab (4)

Prerequisites: CHEM 1120 or (CHEM 1020 and CHEM 1840), and high-school or higher level physics with grades of "C" or higher

Theory and application of gravimetric methods; acid-base, precipitation, and compleximetric volumetric titration; analytical separations, spectrophotometric, and electroanalytical techniques; statistical and computer tools.

CHEM 3220 Instrumental Analysis - Three hours lecture, three hours lab (4)

Prerequisites: CHEM 3210 or 3610; PHYS 2020 (also PHYS 2120 recommended) with grades of "C" or higher

Theory and application of instrumental techniques; spectroscopy, electrochemistry, and chromatography. Instrumentation electronics, signals, and noise. Scientific computing hardware, software, and programming.

CHEM 3440 Inorganic Chemistry - Three hours lecture, three hours lab (4)

Prerequisites: CHEM 3500 or 3510 with a grade of "C" or higher

Atomic structure and periodicity; crystal structure; descriptive chemistry of the elements; acid-base concepts; nonaqueous solvent systems; and environmental and medicinal awareness.

CHEM 3500 Brief Organic Chemistry - Three hours lecture, three hours lab (4)

Prerequisite: CHEM 1020 or 1120 with a grade of "C" or higher

A brief survey of organic functional groups, reactions, mechanisms, stereochemistry, and spectroscopy. Suitable for various agriculture and allied health curricula. Not recommended for chemistry majors.

CHEM 3510 Organic Chemistry - Three hours lecture, three hours lab (4)

Prerequisite: CHEM 1120 or (CHEM 1020 and CHEM 1840) with a grade of "C" or higher

Functional groups (alkanes, alkenes, alkynes, alkyl halides, aromatic compounds), structure determination, stereochemistry, and spectroscopy.

CHEM 3520 Organic Chemistry - Three hours lecture, three hours lab (4)

Prerequisite: CHEM 3510 with a grade of "C" or higher

Alcohols, phenols, ethers, aldehydes, ketones, carboxylic acids and derivatives, dicarbonyl compounds, amines, lipids, carbohydrates, amino acids, proteins, nucleic acids, and polymers.

CHEM 3610 Physical Chemistry - Three hours lecture, three hours lab (4)

Prerequisites: CHEM 1120 or (CHEM 1020 and CHEM 1840) and MATH 1910 with grades of "C" or higher

Kinetic theory and gases; first, second, and third laws of thermodynamics; spontaneity and equilibrium; colligative properties of solutions; phase diagrams and kinetics.

CHEM 3620 Physical Chemistry - Three hours lecture, three hours lab (4)

Prerequisites: CHEM 3610, MATH 1920 with grades of "C" or higher

Advanced thermodynamics, electrochemistry, advanced kinetics, atomic structure and the Schrodinger equation, molecular orbital theory, and the theory of molecular spectroscopy.

CHEM 3700 Forensic Science - Three hours lecture (3)

Prerequisites: CHEM 1120, (3500 or 3510), BIOL 1110, completed MATH core with grades of "C" or higher

Survey of scientific methods used in collection, preservation, and analysis of physical evidence. Included will be a study of common types of physical evidence obtained from crime scenes, their treatment at the modern crime laboratory, and the interpretation of scientific data to the legal community.

288 Chemistry (CHEM)

CHEM 3840 Chemical Literature - Three hours lecture/lab (3)

Prerequisite: CHEM 1020 or 1120 with a grade of "C" or higher

Major sources of chemical information and procedures for their efficient use.

CHEM 4000 Seminar - Two hours lecture/recitation (1)

Prerequisite: permission of instructor

Review of major areas of chemistry, visiting chemists' presentations, research, student presentations, career counseling, and interviewing for employment.

CHEM 4240 Advanced Instrumental Methods - Three hours lecture, three hours lab (4)

Prerequisites: CHEM 3220, 3610 and PHYS 2020 or 2120 with grades of "C" or higher

Theory and practice of analytical instrument design. Circuits, test equipment, semiconductors, digital electronics, data acquisition, and computer programming. Design application examples in electrochemistry, spectroscopy, or chromatography.

CHEM 4300 Brief Biochemistry - Three hours lecture, three hours lab (4)

Prerequisite: CHEM 3500 or 3510 with a grade of "C" or higher

Designed for students in the allied health fields. Cellular processes including catalysis, metabolism, bioenergetics, and biochemical genetics.

CHEM 4310 Biochemistry - Three hours lecture, three hours lab (4)

Prerequisites: CHEM 3520, BIOL 1010 or 1110 with a grade of "C" or higher

The structure/function relationship of biomolecules, enzyme catalysis, bioenergetics, and regulatory mechanisms.

CHEM 4320 Biochemistry - Three hours lecture, three hours lab (4)

Prerequisite: CHEM 4310 with a grade of "C" or higher

Continuation of 4310; examination of intermediary metabolism focusing on the processes of chemical transformation and regulation.

CHEM 4340 Advanced Biochemistry - One hour lecture, nine hours lab (4)

Prerequisite: CHEM 4320 with a grade of "C" or higher

Biochemical literature, special topics in biochemistry, and the principle and techniques of experimental biochemistry.

CHEM 4350 Physical Biochemistry - Three hours lecture, three hours lab (4)

Prerequisites: CHEM 3610, 4320 with grades of "C" or higher

Classical physical chemistry topics, focusing on applications relevant to the life sciences.

CHEM 4400 Teaching Science in High School - Three hours lecture (3)

Prerequisite: permission of department chair

For students preparing to teach chemistry. Objectives of high school chemistry; selection of content; methods of solving problems; laboratory procedure and equipment, teaching aids, and evaluation. Ten hours of field experience is required.

CHEM 4440 Advanced Inorganic Chemistry - Three hours lecture, three hours lab (4)

Prerequisites: CHEM 3440, 3610 (also CHEM 3220 strongly recommended) with grades of "C" or higher
Bonding and structure; coordination chemistry including stereo chemistry, magnetism, spectra, synthesis, and reaction mechanisms; metallic bonding; and bioinorganic applications.

CHEM 4460 Materials Chemistry - Three hours lecture, three hours lab (4)

Prerequisites: CHEM 3510 with a grade of "C" or higher
The chemistry of metals, ceramics, polymers, composites, and nanomaterials; structure of solids; properties of materials; phase diagrams; application and processing of materials.

CHEM 4540 Organic Spectroscopy - Six hours lecture/lab (4)

Prerequisites: CHEM 3220, 3520, 3610 with grades of "C" or higher
Theory, use, and interpretation of spectroscopic data from FT-IR, GC-MS, 1-D and 2-D multi nuclear FT-NMR, and UV-VIS.

CHEM 4550 Advanced Organic Chemistry - Three hours lecture, three hours lab (4)

Prerequisites: CHEM 3520, 3610 with grades of "C" or higher
Advanced studies of bonding, stereo chemistry, acids and bases, mechanisms, and effects of structure on reactivity as related to organic reactions. Includes an in-depth study of organic reactions.

CHEM 4750 Forensic Laboratory Methods - Three hours lecture/lab (3)

Prerequisites: CHEM 3210, 3700, 4300 or 4310 with grades of "C" or higher, and junior or senior status
Introduction to analysis methods used in forensic science. Theory and practical application for preparation and analysis of forensic samples.

CHEM 4790 Forensic Chemistry Internship (1-3)

Prerequisites: CHEM 3220, 3700, (4300 or 4310), and (BIOL 3940 or 4450) with grades of "C" or higher, and junior or senior status
Internship experience providing practical exposure and experience in forensic analysis. Student will be assigned to a departmentally approved laboratory for a predetermined time period, which will determine the amount of credit earned. The host laboratory may require background checks and drug screening of student interns.

CHEM 4840 Selected Topics in Chemistry - Three hours lecture/lab (3)

Prerequisites: CHEM 1120 or 1840 with a grade of "C" or higher and permission of instructor
Advanced topics in chemistry for majors and minors.

CHEM 4940 Elements of Research (1, 2, or 3 each)

Prerequisite: permission of instructor (also CHEM 2940 recommended)
Independent original laboratory research on individual projects in chemistry; chemical literature review; and presentation of results. May be repeated until project is completed; however, approval of department chair is required for more than eight hours.

290 Chemistry (CHEM)

CHEM 4990 Research Thesis (1)

Prerequisites: CHEM 4940 and permission of instructor

Preparation of a report on original research. Report must follow the guidelines of the ACS Style Guide and the Chemistry Department, and will be evaluated by a committee which will include the department chair or his/her designee.

*Suggested for non-science majors or science majors desiring a broad approach to general chemistry. Students electing this sequence may not take advanced chemistry courses (except CHEM 3500 or 3840) without taking CHEM 1840.

CHEMICAL ENGINEERING TECHNOLOGY (CHET)

CHET 2010 Process Instrumentation - Three hours lecture, three hours lab (4)

Corequisite: CHET 2011

Theory and application of instrumentation of the chemical processing industry; flow sheet applications, tagging procedures.

CHET 2020 Process Troubleshooting (3)

Prerequisite: CHET 2010

Understanding of the troubleshooting methods and techniques used to solve and prevent chemical processing problems; cause and effect scenario studies; critical thinking skills necessary for troubleshooting procedures.

CHET 2030 Process Operations Management (3)

Prerequisite: CHEM 1320

Basic understanding of efficiency and effectiveness in operations of chemical process industry; resource management; distribution of finished products; planning and scheduling of operations maintenance.

CHET 2100 Fundamentals of Chemical Engineering (3)

Prerequisite: CHEM 1040

Fundamental principles and terminology of chemical engineering; engineering problem solving; chemical reactor design; reaction systems; 1st law of thermodynamics; pressure, temperature, and volume relationship of liquids; vapor-liquid equilibria.

CHET 2131 Mechanical Systems Lab (1)

Prerequisite: CHEM 1310, 1320

Hands-on use and maintenance of basic mechanical equipment used in the chemical process industry; pumps, compressors, piping, valves.

CHET 2140 Quality Control (3)

Prerequisite: CHEM 1310, 1320

Quality control concepts utilized by the chemical process industry; operating consistency; plant operations economics; team-working skills; quality control regulations.

CHET 2150 Selected Topics in Chemical Industry (3)

Prerequisite: CHET 2100 and permission of instructor

Advanced topics in chemical processing industry.

CHET 2161 Advanced Instrumentation Lab (2)

Prerequisite: CHET 2011, 2131

Hands-on use of electrical, mechanical, and quality control instruments used in the chemical processing industry.

CHET 2190 Chemical Industry Internship (2)

Prerequisite: CHET 2100 and permission of instructor

Internship experience providing practical exposure in chemical processing industry; students will be assigned to a departmentally approved industrial site. The host industrial site may require background checks and drug screening of student interns.

CHINESE (CHIN)**CHIN 1010 Elementary Chinese I (3)**

Introduction to Chinese language and culture with emphasis on oral communication. Extensive practice in reading, writing, speaking, and listening.

CHIN 1020 Elementary Chinese II (3)

Introduction to Chinese language and culture with emphasis on oral communication. Extensive practice in reading, writing, speaking, and listening.

CLASSICS (CLAS)**CLAS 3210 Greek Literature in Translation (3)**

Prerequisite: ENGL 2030

A study of the major writers of ancient Greece in English translation. Topics may include various genres, judging translations, and the post-classical life of ancient Greek literature.

CLAS 3220 Latin Literature in Translation (3)

Prerequisite: ENGL 2030

A study of major writers of ancient Rome in English translation. Topics may include various genres, judging translations, and the post-classical life of ancient Latin literature.

CLAS 3240 The Classical Tradition in English Poetry (3)

Prerequisite: ENGL 2030

A study of the various poetic styles and traditions of Classical Greece and Rome and how they influenced the course of English poetry. Topics include ancient theories of poetry, examples of ancient poems, and specific English poets and poems from Chaucer to the 20th century.

CLAS 3310 Greek Mythology (3)

Prerequisite: ENGL 2030

A study of the major myths of ancient Greece and Rome. Topics include the interpretation of myth, differences among myths, legends, and folktales, and the use of myth after the Classical period.

292 Classics (CLAS)

CLAS 3400 Greek Archaeology (3)

An introduction to the archaeology of ancient Greece, with attention to sites from the Neolithic period through the Hellenistic period. Topics covered include developments in art and architecture, as well as the history of archaeological thought. Includes visits to sites when taught in Greece.

CLAS 3410 Greek Religion (3)

Prerequisite: ENGL 2030

Introduction to religious beliefs and practices of ancient Greeks, concentrating on Athens in the 5th and 4th centuries B.C., but exploring cult practices in other periods and areas under Greek influence. Major deities, rituals, festivals, cults, sanctuaries, and their context within civic life. Knowledge of Greek language not required.

CLAS 3420 Roman Archaeology (3)

Major archaeological sites of Italy from earliest times to the empire, with a focus on the monuments and topography of Rome. The development of archaeology in Italy and the history of archaeological thought are also studied. Includes visits to sites when taught in Italy.

CLAS 3430 Roman Religion (3)

Prerequisite: ENGL 2030

Introduction to religious beliefs and practices of the ancient Romans from the late Republic through the first centuries of the Empire. Major deities, rituals, festivals, cults, and sanctuaries of the Roman people; emperor cult; the emergence of Eastern cult. Knowledge of Latin not required.

CLAS 3510 Sport in the Ancient World (3)

Prerequisite: ENGL 2030

A history of the development of athletics in ancient Greece and Rome. Topics may include major athletic festivals, sites connected with athletics, the events, the literature of sport, and the politics of sport.

CLAS 3520 Women in Antiquity (3)

Prerequisite: ENGL 2030

A study of women in the ancient Greek and Roman world through literary, art historical, and archaeological material.

CLAS 3610 Greek Civilization (3)

Prerequisite: ENGL 2030

A study of the daily life and social systems of ancient Greece with a focus on Athens in the 5th century B.C., but with attention also given to rural areas and other city-states. Topics include government, sport, family life, slavery, science, mathematics, law, cult, etc. All readings in English.

CLAS 3620 Roman Civilization (3)

Prerequisite: ENGL 2030

A study of the daily life and social systems of Ancient Rome and the Roman Empire. Topics may include government, sport, family life, slavery, science, law, travel, religion, etc. All readings in English.

CLAS 4900 Topics in Classical Studies (3)

Prerequisite: ENGL 2030

Various topics in Classics may be studied, including such ideas as the clash of culture between Romans and Christians or Greeks and Barbarians, or such specific areas of Classics as paleography, epigraphy, etc.

COMMUNICATION ARTS (COMM)

COMM 1010 Fundamentals of Public Speaking (3) - (online and on campus)

Public speaking principles with emphasis on preparation and presentation of informative and persuasive speeches.

COMM 1030 Interpersonal Communication (3)

Communications' role in interpersonal relationships with emphasis on the application of theory in dyadic situations.

COMM 1200 Introduction to Mass Communication (3) - (online and on campus)

Designed to introduce the student to the mass media. Course explores media as institutions in American society.

COMM 1400 Introduction to Public Relations (3) - (online and on campus)

History, function, and practice of public relations with emphasis on persuasion, public opinion, mass Media, and their application to public relations.

COMM 1500 Introduction to Sports Broadcasting (3)

The course provides a strong foundation into the field of sports broadcasting. Students will explore the key issues that drive the sports broadcasting industry. Students will participate in the production of sports broadcasting.

COMM 1600 Introduction to Popular Culture (3)

Introduction to the basic theories and approaches to the study of popular culture, including the various media, literature, music, folklore, culture, society, and everyday life.

COMM 1900 Introduction to Event Planning (3) - (online)

This course is a comprehensive introduction to the meeting and event planning industry. The course includes researching, designing, organizing and assessing events and meetings.

COMM 2000 News Reporting (3) - (online and on campus)

Prerequisites: ENGL 1010, 1020, COMM 1200

News gathering methods and the newspaper style book with emphasis on exercises in writing all types of news stories.

294 Communication Arts (COMM)

COMM 2020 Media, Society, and the Individual (3)

The historical development and current status of mass media are explored from a consumer's point of view with the goal of media literacy. Students develop global perspectives by encountering issues dealing with the relationship of the mass media to education, society, politics, economics, religion, family, and the individual.

COMM 2030 Social Issues and Advocacy (3)

Theory and practice of argumentation, examinations of propositions, evidence, reasoning, and refutation.

COMM 2100 Broadcast Equipment Operation and Technology (3)

An in-depth examination of current broadcast technology in radio, television, and cable and its use and function. Significant student time is required outside of regular class sessions. Must be taken concurrently with COMM 2150.

COMM 2150 Broadcast Regulation and Practice Lab (1) (online)

An examination of broadcast regulation as it applies to the operation and practices of over-the-air media. This course is required for all communication majors or minors interested in working at station WAPX-FM. Must be taken concurrently with COMM 2100.

COMM 2200 Introduction to Sports Interviewing (3)

The course explores the sports interview. Students will examine theoretical and practical issues related to interviewing coaches, players, administrators, and others related to the sports industry.

COMM 2310 Small Group Communication (3)

The nature of communication processes occurring in a small group setting. Focus will be given to decision making in groups; gathering, assessing, and using information; leadership and power; and resolving conflict.

COMM 2400 Writing for the Electronic Media (3) - (online and on campus)

Prerequisites: COMM 1200, ENGL 1020

This course will cover formats and techniques of writing for the broadcast media. The course will discuss writing copy for the electronic media including general continuity, commercials, and information related copy such as public service announcements and editorials.

COMM 2500 Audio in Media (3)

An examination of audio technology and equipment used in a variety of media, to include radio, television, video, film, and music recordings. Special consideration to be given to legal and ethical constraints and considerations.

COMM 2720 Introduction to the Internet (3) - (online)

This course provides students with an orientation to the Internet as an everyday communication tool, medium impacting society, and high technology communication industry.

COMM 2920 Photojournalism (3)

Prerequisite: COMM 1200

Provides students with skills in the use of photography in the storytelling function of journalism.

COMM 300A, B, C Lab (1 each)

Prerequisite: COMM 2000

Practical experience in routine reporting, investigative reporting, or newspaper design. Grading on a pass/fail basis.

COMM 3010 Integrated Corporate Communication (3) - (online and on campus)

Prerequisites: COMM 1200, *junior status or instructor approval*

Students will examine important corporate communication areas such as internal communication, advertising, public relations, integrated marketing communication, and new communication technologies. The course focuses on how these areas work together to achieve organizational objectives.

COMM 309A International Communication: Broadcast Media (3)

Prerequisites: *junior standing and instructor approval*

This course offers international perspectives to students in broadcast media. This study abroad experience is linked to selected upper division communication courses.

COMM 309B International Communication: Corporate Communication (3)

Prerequisites: *junior standing and instructor approval*

This course offers international perspectives to students in corporate communication. This study abroad experience is linked to selected upper division communication courses.

COMM 309C International Communication: Print and Web Journalism (3)

Prerequisites: *junior standing and instructor approval*

This course offers international perspectives to students in print and web journalism. This study abroad experience is linked to selected upper division communication courses.

COMM 309D International Communication: Media Technologies (3)

Prerequisites: *junior standing and instructor approval*

This course offers international perspectives to students in media technologies. This study abroad experience is linked to selected upper division communication courses.

COMM 309E International Communication: Public Relations (3)

Prerequisite: *junior standing and instructor approval*

This course offers international perspectives to students in public relations. This study abroad experience is linked to selected upper division communication courses.

COMM 3100 Desktop Publishing (3)

Prerequisite: COMM 2000 or 2400

Students develop the basic skills needed in electronic desktop publishing, including instruction in popular desktop publishing programs, providing hands-on experience. Course requires students to complete several practical projects including a newsletter and a brochure.

COMM 3200 Copyediting (3)

Prerequisite: COMM 2000

Instruction and practice in editing newspaper stories for style, meaning, and accuracy; in writing headlines; and in designing newspaper pages.

296 Communication Arts (COMM)

COMM 3210 Sports and Media (3)

Beginning with an examination of the historical role of media and sports, students will explore theoretical and practical changes that have shaped the sports media industry.

COMM 3320 Business and Professional Communication (3)

Prerequisites: COMM 1010 or permission of instructor

Theories of persuasion are applied to business presentations. Interview techniques, group dynamics, and use of communication technology in the professional business setting.

COMM 3350 Broadcast Announcing (3)

Prerequisite: COMM 1200 or permission of instructor

A detailed and practical examination of broadcast techniques. Topics include voice use and improvement; coping with mic and camera fright; and various styles of announcing. Students will be required to demonstrate an improvement in announcing technique and ability.

COMM 3400 Mass Communication Research Methods (3) - (online and on campus)

Prerequisite: COMM 1200

Application of qualitative and quantitative media research methods including survey research, focus groups, content analysis, and experimental studies. The course prepares students to conduct research for media studies, public relations, and marketing communication programs.

COMM 3410 Data Analysis and Mass Communications Research (3) - (online and on campus)

The purposes of this course is to apply some commonly used data analysis techniques in the field of Communication; develop a deeper appreciation of research strategies and analysis decisions; and provide the opportunity for practice in analyzing quantitative data.

COMM 3450 Broadcast News Writing (3)

Prerequisites: COMM 1200, 2000 or permission of instructor

Concepts of writing for broadcast media including format, style, and deadline requirements, and the use of radio and visual elements in the news. This course is writing intensive and requires student activities outside the classroom.

COMM 3550 Audio Production I (3)

Prerequisite: COMM 2100

Practical application required of students in the study of audio production for radio and television. Studio exercises which demonstrate the students audio production skills with voice, music, and sound effects in a broadcast studio setting.

COMM 3600 Radio Theatre Workshop (3)

Prerequisites: COMM 3550 or THEA 1300, or permission of instructor

A workshop on theatrical productions delivered to a mass audience through radio. Special consideration will be given to the incorporation of sound effects. Study will include script writing, characterization, and time restraints in electronic media. Course will climax with an original production by students.

COMM 3620 Weather Broadcasting (3)

Prerequisite: COMM 2100, 2150

The course will provide the foundation for weather broadcasting. Students will learn the theory and skills necessary to produce quality weather briefings, weather segments, and weather news for television. Students will produce weather broadcasts in the field and in the studio.

COMM 3710 Corporate Media Scriptwriting (3) - (online)

Practical experience in creating scripts specifically tailored to corporate media/multimedia presentations.

COMM 3720 Authoring Web Pages (3)

Prerequisite: COMM 2720, or permission of instructor

Skills needed in developing web pages, HTML and popular web design programs, elements of design, online publications, history of the Internet, censorship, ethics, and advertising on the Web.

COMM 3730 Internet and Web Technology (3)

Students explore the technology of the Internet through study and practice involving networks, domain name service, IP addressing, online protocols, equipment, cabling, connections, servers, and various operating systems.

COMM 3740 e-Commerce Technology (3) - (online)

Prerequisite: COMM 3720 or 3800

Students explore and evaluate today's elements of electronic commerce including a focus on shopping cart programs, digital certificates, configuration and operation of secure servers, online financial transaction technology, and the development and implementation of e-business plans from an advertising, marketing communications, and public relations perspective.

COMM 3760 Video Production I (3)

Prerequisite: COMM 2100

Each student enrolled will be responsible for the development and production of several short video projects. Skills will be developed in all areas of television production and related concepts.

COMM 3800 Principles of Media Advertising (3) - (online and on campus)

Students learn the principles of advertising and the role of advertising communication in society and in organizations; The course reviews advertising and persuasive ethics and the impact of advertising on media; and offers a survey of various advertising types including print, broadcast, direct response, and new technology-based advertising efforts.

COMM 3810 Live Studio Production (3)

Prerequisites: COMM 2100, 2150

Students learn the principles of a live television production. Television and broadcasting elements will be incorporated that are necessary in creating and producing a live production.

298 Communication Arts (COMM)

COMM 3900 Motion Picture Production Workshop (4)

Prerequisites: COMM 2100, 3760 and permission of the instructor

Using portable and versatile video camcorders, students develop and complete short motion pictures. Includes camera operation, roles in motion picture production, sound and editing, and shooting video as film. Working in crews, students concentrate on one or more disciplines in production: writer, director, camera, sound, and editor.

COMM 3910 Media Relations (3)

The professional communicator's establishment of meaningful relationships with electronic and print media is studied, including a focus on ratings, news releases, press conferences, media buying, building a network of media contacts, special event planning, and the preparation of a comprehensive media relations plan.

COMM 3950 Methods of Film Analysis (3)

Prerequisite: junior standing or permission of instructor

This course begins with an examination of the elements of film form. The course will provide students with the terminology to analyze films and fortify students' analytical skills. Representative films are exhibited. Emphasis is placed on dramatic structure, types of film, film theory, and the function of film.

COMM 400 A-H AP Magazine Production (2)

Students will create weekly live studio productions (12-14 shows per semester). Only one course per term. This course cannot be substituted for required courses or electives in the concentration. Grading on a pass/fail basis.

COMM 4010 Communication Theory (3) - (online and on campus)

Prerequisites: COMM 1010, 1200, and junior standing

In this capstone course, communication theories are examined and applied to relevant social issues (gender, diversity, violence, social change, and entertainment). Students analyze and critique research findings, theoretical paradigms, and media effects.

COMM 4020 Communication in Organizations (3) - (online and on campus)

NOTE: Students can take either COMM 4410 or 4020 (not both)

Study of communication in complex human organizations. Course relates communication to values, leadership, and uses of power in such organizational contexts as business, professional, social, educational, and political groups.

COMM 4110 Sports Broadcasting Workshop (4)

Prerequisite: approval of instructor

The course provides hands-on experience in the production, direction, and editing of live sporting events (basketball, football, baseball, softball, volleyball, etc.). Students will learn camera operation, digital switching, instant video replay, floor direction, and digital editing. A minimum of 60 hours outside the scheduled class period producing events are required.

COMM 4120 Sports Marketing (3)

The course will be an in-depth examination of the role of marketing in the sports arena. Students will examine the issues of product placement, camera view, uniforms, superimposed images, sports commentaries, personalities, etc.

COMM 4150 Feature Writing (3) - (online and on campus)

Prerequisites: COMM 2000

Instruction and practice in writing feature articles for newspapers, trade journals, and magazines.

COMM 422 A-H Live Events Production (2)

Students will gain experience in directing, editing, and producing of APSU and other activities. A minimum of 60 clock hours shall be required for academic credit. Only one course per term. This course cannot be substituted for required courses or electives in the concentration. Grading on a pass/fail basis.

COMM 425A, B, C Broadcasting Practicum (1 each)

Prerequisite: permission of instructor prior to registration

Special production projects in the radio or video studio to complement academic study in radio and television. Grading on a pass/fail basis.

COMM 426 A-H Communication Practicum (1)

Prerequisite: permission of instructor

Special audio or video production projects or professional communicator experiences, in a campus setting, which complement study in radio, television/cable, public relations, and corporate communication. Grading on a pass/fail basis.

COMM 4300 Topics in Popular Culture (3)

Indepth study of popular culture and American Society in everyday life through selected themes, topics, era and issues.

COMM 4310 Documentary Production (4)

Prerequisites: COMM 3760, 2100 and junior standing or permission of the instructor

Through viewings, lectures, class discussions, and hands-on activities, class members learn to research, write, interview, direct, shoot, and edit a documentary. The class works in small production teams, using camcorders and editing equipment, to produce mini-documentaries designed by each team.

COMM 433 A-H Digital Editing Production (2)

Students will create, direct, edit, produce, and evaluate digital media. A minimum of 60 clock hours will be required for academic credit. Only one course per term. This course cannot be substituted for required courses or electives in the concentration. Grading on a pass/fail basis.

COMM 4350 Broadcast Management (3) - (online and on campus)

Prerequisite: COMM 1200

Fundamentals of all aspects of programming: news, sports, drama, entertainment, and education; writing of scripts; and directing and editing of programs for the electronic media.

COMM 4400 Politics and Mass Media (3) (Same as POLS 4400)

Media's role in U.S. politics; influence of mass media on political opinions, elections, political participants, and public policy; and how political participants help shape the messages sent out by mass media.

300 Communication Arts (COMM)

COMM 4410 Conflict Resolution and Negotiation (3) - (online)

NOTE: *Students can take COMM 4020 or 4410 (not both)*

This course is designed to provide students with various approaches to conflict resolution and negotiation. The readings will focus on the role of conflict within an organizational setting. Case studies will be used to provide participants with actual conflict situations.

COMM 4444 Cultural Context of Communication (3)

This course integrates aspects of the Liberal Arts core with the effects of communication on culture and society; explores the role communication plays in creating social reality; and focuses on the media in relation to gender roles, portrayals of women and minorities, impacts of global media, violence, politics, law, the arts, religion, science, health, education, consumer behavior, and the family.

COMM 4450 Mass Media and Women (3)

Historical overview of women reporters and managers in U.S. media; examination of current portrayals of women and men in media news, entertainment and advertising; and discussion of research into the influence of these portrayals on audience attitudes.

COMM 4470 Race, Gender, and Mass Media (3) - (online)

Prerequisite: junior standing

Examination of current and historical portrayals of ethnic minorities and men and women in media news, entertainment, and advertising; and discussion of research into the influence of these portrayals on audience attitudes.

COMM 4510 Communication and Public Opinion (3) (same as POLS 4510) - (online and on campus)

The purpose of this course is to provide an overview of the concept of "public opinion" and to explore the relationships between communication and public opinion. An important normative goal will be to explore ways to allow media messages to contribute to a healthy civic life rather than deviate from it.

COMM 4550 Audio Production II (3)

Prerequisites: COMM 3550 and permission of instructor

An intensive senior level course which requires students to demonstrate development in extensive and in-depth advanced level audio production requirements and projects.

COMM 4600 Media Ethics (3) - (online and on campus)

An in-depth examination of ethical principles and conduct as they apply to mass media. Topics covered include codes of ethics, forces which affect ethical decision making in media, consequences of ethical decisions, and media responsibility.

COMM 4650 Mass Media Law (3) - (online and on campus)

Prerequisite: upper division standing or permission of instructor

An intensive senior level course focusing on the development of our legal system, and the application of legal standards to media operations. Specific topics include the First Amendment, Libel, Privacy, Copyright, Political Programming, and Advertising.

COMM 470A, B, C Magazine Production (1 each)

Prerequisite: permission of faculty advisor for CAPSULE

Involvement with student publication processes, including all aspects of magazine production (online processes, layout, editing, desktop publishing, darkroom techniques, photography, and printing). Grading on a pass/fail basis.

COMM 4720 Multimedia Design (3)

Prerequisites: COMM 3720 and junior standing

Students create and edit audio files, video and images using Macromedia Flash and Fireworks, and both audio and videos are streamed into HTML files. Web pages are produced and published using HTML, dynamic HTML and JAVA scripts. The function of SSI, CGI scripts, and Plug-ins for web servers is also examined.

COMM 4730 Internet Content Management (3) - (online)

Prerequisites: COMM 3720

This survey and skills course teaches analysis and techniques in creating and managing web/electronic content. Areas covered include web-based public relations, advertising, marketing communication, and e-commerce. In addition, the social impact of these technologies is explored.

COMM 4760 Video Production II (3)

Prerequisite: COMM 3760

An intensive senior level video production course which requires advanced level video production skills, and uses both studio and field production techniques in the production of longer types of video production.

COMM 4790 Non-Linear Editing (3)

Prerequisite: COMM 3760

Advanced video-editing course for students who have completed basic production courses. The course includes in-depth examination of the technical, theoretical, and aesthetic factors involved in post-production.

COMM 480A, B, C Independent Study in Mass Communications (3 each)

Prerequisite: Communication Arts majors only with permission of instructor

Supervised readings and research projects in selected areas of communication. Open only to Communication Arts students with permission of the instructor.

COMM 4810 Public Relations Strategies (3)

Prerequisite: COMM 3910 or consent of the PR or Corporate Communication Coordinator

The management and counseling functions of public relations are explored through the use of communication strategies and tactics. A communication evaluation of organizational needs is done by case study analysis resulting in the development of a comprehensive communication plan for a model organization.

COMM 490A, B, C Communication Internship (3 each)

Prerequisites: Communication Arts majors only; upper division standing and permission of instructor required prior to registration

Practical experience in a professional communication medium to augment classroom activity intended for advanced students. Students are required to document internship activities according to department policy.

302 Communication Arts (COMM)

COMM 4910 Public Relations Campaign (3) - (online and on campus)

The establishment of public relations campaigns and an examination of each of its components within the public relations process of research, objectives, programming, and evaluation. Students actually design and implement comprehensive public relations campaigns and review campaign case studies.

COMM 4920 Portfolio Development (3)

Prerequisites: Senior status

In this course, designed as a capstone course for communications majors, students will develop a professional portfolio.

COMM 4960 Film Scriptwriting (3) - (online)

Prerequisites: ENGL 1020, 1200, junior standing

This course will lead the student through a step-by-step process in advanced techniques of script analysis, creating story boards and writing successful treatments. The student will also receive extensive practice by writing scenes for various film categories: documentary, short feature, animated subjects, and full-length feature.

COMM 4970 Television Scriptwriting (3)

Prerequisites: ENGL 1020, COMM 1200, junior status

This course will lead the student through the current techniques or "formulas" of television writing. The students will receive extensive practice by writing scripts for both dramatic and comedic storylines in the 30 minute, 60 minute, and 2 hour formats.

COMM 4980 Television Criticism (3)

Prerequisite: junior or senior standing

The course will be a critical study of the literature of television. The course provides a view of television as a social and cultural institution and its impact on American society.

COMM 499ABC Special Topics in Communication (3)

Selected topics of interest to students concentrating their studies in Broadcast Media or Sports Broadcasting.

COMPUTER SCIENCE (CSCI)

CSCI 1000 Introduction to Computer Science (3)

History of computers and computing; social and ethical issues in computing; networks, communications, and the internet; computer hardware; system software; application software involving web browsers, word processing, spreadsheets, database management systems, and presentation software.

CSCI 1005 Computer Hardware, Software, and Programming Concepts (3)

An introductory course with a focus on computer technology. Topics include computer hardware and software, operating systems, networking, databases, and ethical issues in computing. An introduction to some programming and programming concepts is included.

CSCI 1010 Introduction to Programming I (3)

History of computing, computer organization, computer applications, algorithm design, stepwise refinement of algorithms, structured programming using C++, array representation of data, processing of character data, text file processing, subprograms, and parameter passing.

CSCI 1015 Introduction to Computer Programming (3)

This is an introduction to application program design and coding using the Java language; the processes and methods for writing well-structured, well-documented, and well-performing computer programs to implement common information processing tasks; overview of computer problem-solving strategies, software design and documentation methods, and program coding techniques; data types, data structures, and program control structures.

CSCI 1016 Introduction to Visual Basic Programming (3)

An introduction to the basic concepts of application programming using the Visual Basic.Net language. Topics covered include problem solving, programming logic, object oriented programming, data types, windows forms and controls, data structures, exception handling, and program control structures.

CSCI 2000 Programming and Data Structures using C++ (4)

Prerequisite: MATH 1910 and permission of instructor

Introduction to C++ syntax and programming, data types, control structures, functions, file structures, single- and multi-dimensional arrays and applications, pointers, dynamic memory allocation, classes and methods, data structures such as linked lists, stacks, queues, and binary trees, and use of the Standard Template Library.

CSCI 2010 Introduction to Programming II (3)

Prerequisite: CSCI 1010

Continuation of 1010. Additional topics in C++ programming including records, files, and dynamic memory allocation. Data structures including arrays, character strings, stacks, queues, linked lists, and binary trees. Each structure is presented in its abstract form and its C++ implementation.

CSCI 2060 ANS COBOL Programming (3)

Prerequisite: CSCI 1010 or 2000

The COBOL programming language and its application to the solution of problems in the business field. Topics include structured programming, COBOL program structure, elementary COBOL language structure, control breaks, table processing, report generation, menu processing, sorting and merging of files, indexed, sequential, and relative files.

CSCI 2070 Programming in Selected Languages I (3)

Prerequisite: CSCI 1010 or 2000

Detailed study of one or more modern programming languages. Emphasis placed on competent programming in the selected language(s), understanding the main application areas for the language(s), and history and basis for creation of the language(s).

304 Computer Science (CSCI)

CSCI 2080 Programming in Selected Languages II (3)

Prerequisite: CSCI 1010 or 2000

Detailed study of one or more modern programming languages. Emphasis placed on competent programming in the selected language(s), understanding the main application areas for the language(s), and history and basis for creation of the language(s).

CSCI 3000 Data Modeling (3)

Prerequisite: CSCI 1015 or 1016

This course emphasizes the role of the database administrator in converting a conceptual model into a relational data model. The student will use business rules for developing entity-relationship diagrams for relational data models. Student will transform data models into relations and tables within a database using functional dependencies and normalization techniques. The course introduces VB and SQL scripting. The student will develop a database from a case study. Three hours per week.

CSCI 3005 Object-Oriented Programming (3)

Prerequisite: CSCI 2000 or 2010

An introduction to object-oriented programming using the C++ and Java languages. Topics include C++ classes, encapsulation, inheritance, polymorphism, templates, container classes, object-oriented design, and the use of class libraries.

CSCI 3010 Mobile Software Development (3)

Prerequisites: CSCI 2010 or 2070 or permission of instructor

An introduction to application development for small, mobile devices such as cell phones and smart phones. The class will examine topics including user interface design, application portability, web protocols, data storage, and security on platforms such as Anroid and iPhone. Apps will be implemented using Java on Google's Android OS.

CSCI 3020 File Processing (3)

Prerequisite: CSCI 2000 or 2010, 2060

An introduction to methods of efficiently organizing and accessing data on peripheral devices. Study of the structures used to store and manipulate data on external devices and the techniques used to manipulate this data.

CSCI 3200 Principles of Information Security (3)

Prerequisite: CSCI 1005 or 1010 or 2000

An introduction to the technical and management aspects of information security. This course provides the foundation for understanding issues associated with security in computing, including security threats and controls, protection of computer systems and data, and planning for security through the development of an information security strategy.

CSCI 3250 Data Structures and Algorithm Analysis (3)

Prerequisite: CSCI 2000 or 2010

Advanced data structures and their computer implementation. Binary trees, general trees, graphs, sorting algorithms, merging algorithms, hash codes, hash tables, and file and memory allocation procedures.

CSCI 3300 Introduction to Web Development (3)

Prerequisite: CSCI 1015 or 1016

This is a survey of techniques and tools for developing basic web pages for delivery of text and graphic information. Focus will be on page markup languages, page design principles, page layout techniques, markup language syntax, and page styling methods. Three hours per week.

CSCI 3400 Computer Organization I (3)

Prerequisite: CSCI 2000 or 2010

Basic digital circuits, Boolean algebra and combinatorial logic, data representation and transfer, digital arithmetic, digital storage and accessing, control functions, input/output facilities, system organization and reliability, computer structure, and programming at the machine language and assembler language levels.

CSCI 3410 Computer Organization II (3)

Prerequisite: CSCI 3400

Continuation of 3400. Continued study of micro-processors, advanced logic design, sequential circuits, digital and switching waveforms, encoding of information, number representation and arithmetic, logical operations, computer architecture for very large and very small computer systems, memory systems, and CPU design.

CSCI 3500 Theory of Automata, Formal Languages, and Computation (3)

Prerequisite: MATH 3000 or CSCI 3400

Fundamental concepts in Computer Science, including finite-state machines and regular expressions, context-free grammars and languages, push down automata, Turing machines, undecidability, and computational complexity.

CSCI 3600 Computer Ethics (3)

Prerequisites: CSCI 1005 or 1010 or 2000

Study and analysis of the social, legal, and ethical issues that arise from the presence of computers in society. Problems are posed and solutions discussed from the viewpoint of the computer professional. Topics include computer viruses, spyware, spam, life-critical systems, and privacy issues.

CSCI 3700 Data Communications and Networking (3)

Prerequisite: CSCI 1005 or 1010 or 2000

Fundamental concepts, definitions, and theory of telecommunications and networking with practical applications. Special emphasis is on Internet Technology, including the study of TCP/IP protocols. Other topics include LAN and WAN management, security, and quality of service issues.

CSCI 3760 Linux Network Operating System Administration (3)

Prerequisite: CSCI 3700

This course covers the fundamental Linux system administration and Linux network administration principles. Topics covered include: directory tree, file and memory management, system monitoring, user accounts, TCP/IP configuration, name service and address translation, firewall, IP accounting, e-mail service, and web services.

306 Computer Science (CSCI)

CSCI 3770 Microsoft Windows Network Operating System Administration (3)

Prerequisite: CSCI 3700

This course covers the fundamental Windows system administration and Windows network administration principles. Topics covered include directory structures, file management, user management, domains, group policy, and networking services provided as part of Windows, including IIS, RRAS, DNS, WINS, and DHCP.

CSCI 3870 Wireless Communications and Networking (3)

Prerequisite: CSCI 3700

This course covers data communications as well as voice communications in wireless networks. Topics covered include wireless standards in data and voice communications, radio frequency technologies, wireless LAN hardware and software, wireless network design, installation, and management including security and site surveys.

CSCI 3900 Internship (3)

Prerequisite: permission of department chair

Designed to provide academic credit for meaningful computer-related experience gained while working in a business or industry. Satisfactory employer evaluation and detailed written documentation of the work performed is required. Pass/fail registration required.

CSCI 4000 Advanced Web Development (3)

Prerequisite: CSCI 3300

This course covers advanced coverage of browser-based Web processing; coverage of the browser document object model, dynamic formatting and styling, browser scripting languages, user interaction and personalization, data validation, and processing of browser-side data structures. Three hours per week.

CSCI 4050 Multimedia Tools and Techniques (3)

Prerequisite: CSCI 3300

This course provides the student with hands-on experience using current versions of popular multimedia software on the PC. Static and dynamic images are created, manipulated, and integrated into applications. Video conferencing and streaming audio and video are also examined. Three hours per week.

CSCI 4100 Operating Systems and Architecture (3)

Prerequisite: CSCI 3400

Detailed study of systems programming, general operating systems concepts, memory management, auxiliary storage management, process control, multiprocessing, processor management, networking, performance monitoring, and computer system security.

CSCI 4230 Programming Languages (3)

Prerequisite: CSCI 3250

Formal definition of programming languages including specifications of syntax and semantics. Simple statements including precedence, infix, prefix, and postfix notation. Global properties of algorithmic languages including scope of declarations, storage allocation, grouping of statements, binding time of constituents, subroutines, and tasks.

CSCI 4350 Compiler Design (3)

Prerequisite: CSCI 3250

Review of program language structures, translation, loading execution, and storage allocation. Compilation of simple expressions and statements. Organization of a compiler including compile-time and run-time tables, lexical scan, syntax scan, object code generation, error diagnostics, object code optimization techniques, and overall design. A simple compiler is designed and implemented as a group project.

CSCI 4390 Introduction to Java Server Pages (3)

Prerequisite: CSCI 4000

This is an introduction to server-based Web processing within a Java Server Pages (JSP) development environment; coverage of server-side scripting elements, database access methods, servlets, dynamic content, standard and custom actions, authentication, and JavaBeans. Three hours per week.

CSCI 4400 Principles of Database Management (3)

Prerequisite: CSCI 2000 or 2010 or 3300

Database development process, data structures, and database methods of file storage, primitive databases, relational model approach to database management, hierarchical, network and object oriented models, data security, and discussion of sample databases such as Microsoft Access and Microsoft SQL Server.

CSCI 4410 Database Administration Using DB2 (3)

Prerequisite: CSCI 4400

This course teaches topics of database administration including database design, database implementation, user support, change-control procedures, planning for growth, and technology evaluation using DB2 database management system. Three hours per week.

CSCI 4420 Database Administration Using MS SQL Server (3)

Prerequisite: CSCI 4400

This course teaches topics of database administration including database design, database implementation, user support, change-control procedures, planning for growth, and technology evaluation using MS SQL Server. Three hours per week.

CSCI 4430 Database Administration Using Oracle (3)

Prerequisite: CSCI 4400

This course will teach basic database features and administrator operations using the Oracle Database Management System. This will include components, tools, instances, tables, indexes, and profiles.

308 Computer Science (CSCI)

CSCI 4450 Introduction to Artificial Intelligence (3)

Prerequisite: CSCI 3250

Progress and procedures in the field of artificial intelligence. Natural language models, machine translation, simulation of belief systems, models of memory and cognition, games and game playing, winning strategies, and robotics.

CSCI 4520 Network Security (3)

Prerequisite: CSCI 3700

An examination of the tools, techniques, and technologies used in the securing of information assets via networks. Topics covered include network operating system security, security of transmissions, firewall configurations, vulnerabilities and hardening of network components, Web and distributed system security, and procedures dealing with storage and disposition of sensitive data.

CSCI 4550 Computer Graphics (3)

Prerequisites: CSCI 2000 or 2010 and MATH 3450 or MATH 2110

Computer graphics for computer science or mathematics students with emphasis on implementation details, algorithms, transformations, coordinates, color models, interactive graphics, and graphics standard languages. Raster and vector graphics, color and black and white, will be studied using various hardware devices. PostScript and device-dependent languages may be explored.

CSCI 4600 Software Design and Development (3)

Prerequisite: CSCI 3250

Techniques and procedures applicable to the design and development of large-scale software systems. Programming teams, program walk-through, system evaluation, system review. A software system is designed and written as a team project during the course.

CSCI 4630 Web Server Administration (3)

Prerequisite: CSCI 3300

An introduction to the setup and maintenance of Web server software. Both Internet Information Server (IIS) and Apache will be used as examples.

CSCI 4650 Introduction to ASP.Net Programming (3)

Prerequisite: CSCI 4400

This is an introduction to server-based Web processing within an Active Server Pages (ASP) development environment; coverage of browser- and server-based scripting languages, data structuring and data exchange languages, file and database access methods, dynamic page styling, and other technologies for creating dynamic, data-driven Websites. Three hours per week.

CSCI 4670 Network Applications (3)

Prerequisite: CSCI 3700

This course introduces a variety of network applications and services. Topics covered include WWW and HTTP, FTP, Telnet and SSH, E-mail (POP3 and SMTP), Usenet, P2P, VNC, remote access, chat room, and instant messaging service.

CSCI 4750 Systems Analysis and Design (3)

Prerequisites: CSCI 3020 or 4400

Detailed study of the life cycle of a business information system. Techniques used in the study, design, development, and implementation phases of the life cycle are presented. A complete system, designed and developed as a small-group project, is constructed during the course. Emphasis is placed on the development of a simple but functional system.

CSCI 4770 Advanced Data Communications and Networking (3)

Prerequisite: CSCI 3760 or 3770

This course is an advanced study of telecommunications and networking. Topics include an in-depth study of TCP/IP protocols, switching, routing, WAN technology, network design and management, and emerging technologies.

CSCI 4800 Computer Science and Information Systems Seminar (1)

Prerequisites: senior standing and permission of instructor

Problem solving using techniques from all areas of the Computer Science and Information Systems curriculum. Research on an assigned topic culminating in a written paper and oral presentation. Review of all basic areas of study in preparation for entry into the job market. Overview of job opportunities in the computer field.

CSCI 4900 Special Problems in Computer Science (3)

Prerequisite: advanced standing in computer science

Selected topics of general interest.

CSCI 4910, 4920, 4930 Topics in Computer Science (1 each)

Prerequisite: advanced standing in computer science

Selected topics of particular interest. May be repeated for credit.

310 Computer Science (CSCI)

CSCI 4940 Internship in Information Technology (3)

Prerequisites: Permission of department chair

This is a work/study course in Information Technology; student work in an appropriate position and on an appropriate project in information technology for an assigned employer; work project is under direction system evaluation, system review. A software system is designed and written as a team project during the course.

DANCE (DANC)

DANC 1035 Introduction to Dance (3)

For majors and non-dance majors, a study of art and language of dance through lectures, discussions, concert attendance, and studio practice. Designed to develop awareness and insight of this art form through discussion, observation, writing, and movement experience.

DANC 1350 Ballet I (3)

Introduces elements of ballet technique and vocabulary. Stresses learning elementary positions and movements characteristic of this highly stylized art form.

DANC 1450 Modern Dance I (3)

A studio class for students with concentration stress in concert modern dance. Emphasis upon correct alignment; development of strength, rhythmic and dynamic activity, as well as spatial and locomotor patterns.

DANC 1500 Jazz Dance (3)

Prerequisite: DANC 1035 or approval of instructor

Contemporary jazz dance technique with practical application of the elements of jazz style, including alignment, stretch, strength, isolations, stylistic movement combinations, and basic dance vocabulary. Course is appropriate for the student with little or no previous experience in jazz dance.

DANC 2355 Ballet II (3)

Prerequisite: DANC 1350 or approval of instructor

An elaboration and extension of principles addressed in Ballet I. Greater emphasis on center adagio and allegro sequences and exploration of balletic style. Students will continue to experience the flow and continuity of ballet sequences and become more familiar with the stylistic, historical, theoretical, and aesthetic bases of the form.

DANC 2450 Modern Dance II (3)

Prerequisite: DANC 1450 or approval of instructor

Studio class designed to increase skills, range, and artistry in modern dance techniques. Emphasis will be placed on movement proficiency and combinations.

DANC 3040 History and Philosophy of Dance (3)

Designed for majors and non-majors, this course will present a comprehensive view of the evolution of dance as an art form. It is designed to develop awareness and insight through lecture, discussion, music, video, observation, and writing about dance.

DANC 3250 Dance for Musical Theatre (3)

Choreographic components for theatre actors to stage musical sequences in theatre, basic, period, and stylistic dance combinations and strategies.

DANC 3400 Dance Composition (3)

Prerequisite: approval of instructor

This course introduces the skill of manipulating the elements of time, space, and force in relation to the human body to communicate artistic intent. The course will explore movement invention and the craft of choreography using structural devices such as theme and development, chance sequencing, retrograde, and canon.

DANC 3450 Advanced Dance Techniques (3)

Prerequisites: DANC 2350, 2450 or approval of instructor

Intensive development and refinement of dance technique. Focus is placed on artistic concerns appropriate to advanced level dances.

DANC 385A-H Dance Practicum (2)

The practical application, on an individual basis, of previously studied theory and the collection of data for future theoretical interpretation. Credit is given for performance activities and participation.

DANC 3880 Costuming for Dance (3)

Basic design theory emphasizes line, shape, color, and texture, followed by a discussion of style. Includes more practical work of draping, dyeing, and patterning. Teaches students to measure and research.

DANC 460A-F Special Topics in Dance (3)

Prerequisite: DANC 1035 or approval of instructor

Concentrated study of aspects of dance or related fields based on particular interests and training of the instructor and/or demonstrated needs of the students. Course title will be announced in advance, and course may be repeated as content changes.

DANC 4700 Analysis and Criticism of Dance (3)

Prerequisite: DANC 1035 or permission of instructor

Students will study major theories in dance performance, which inform their analysis of contemporary choreography. Students will hone presentation and writing skills through exposure to different styles and types of critical writing.

DECISION SCIENCES (DSCI)**DSCI 3410 Production Operations Management (3) (cross listed with ENGT 3610)**

Prerequisite: QM 3110 or MATH 3250

Methods of efficient plant management, including production scheduling, inventory control, forecasting, linear programming, transportation, statistical analysis, CPM, PERT, simulation, quality control, work management and maintenance.

312 Decision Sciences (DSCI)

DSCI 3510 Managerial Dynamics and Simulation (3)

(cross listed with ENGT 3660)

Prerequisite: DSCI 3410

Dynamic phenomena surrounding business and engineering environment through simulation techniques on computer. Problems in queuing theory, inventory processing, sales forecasting, advertising, random number generators, flow charting, and stochastic nature of equations, Buffon's Needle, and discrete and continuous systems.

DSCI 3530 Statistical Quality Control (3) (cross listed with ENGT 3650)

Prerequisite: DSCI 3410

Basic principles and techniques of quality control and its applications to manufacturing process. Emphasis on process control, sampling inspections, reports, and records based on statistical analysis.

DSCI 4410 Operation Research (3) (cross listed with ENGT 4610)

Prerequisite: DSCI 3410

Continuation into the advanced sections of production/operations management. Stochastic inventory, integer, non-linear mathematical, and goal programming; effects of quality control, plant layout, and queuing on the overall production process; sensitivity analysis and simulation.

DSCI 4500 Business and Economic Forecasting (3)

Prerequisite: DSCI 3410

Factors contributing to business fluctuations and description of the features of U.S. cycles, alternative models of business cycles, basic economic indices and indicators, and econometrics models and forecasting techniques.

EARLY CHILDHOOD (EC)

EC 2200 Introduction to Early Childhood Education (4)

Historical and theoretical influences upon early childhood education. Legal, ethical, health and safety, and professional issues impacting the care and education of children, birth through age eight. Orientation to early childhood teacher education licensure program and the early childhood profession, including leadership and measurement of programs for young children and their families. Includes observation of early childhood programs.

EC 3010 Early Literacy Development (3)

Prerequisite: must meet Milestone I requirements (*candidacy status*)

Survey of theoretical, conceptual, and empirical materials on language development in children. Implications for literacy development and the teaching of reading and writing will also be required.

EC 4020 Developmentally Appropriate Practice: K-3 (3)

Prerequisites: must meet Milestone II requirements (*provisional admission status*)

Survey of theoretical and practical issues related to developmentally appropriate practice including social constructivism, thematic and literature-based instruction, curriculum integration, and the role of the physical and social environment in teaching and learning. Emphasis on social studies curriculum, K-3.

EC 4030 Evaluation and Assessment: Pre-Kindergarten-Grade 3 (3)

Prerequisites: must meet Milestone II requirements (provisional admission status)

Student assessment, evaluation of programs, and processes for parent involvement will be addressed. Emphasis on observation and documentation and other authentic strategies. Includes field-based experience with children.

EC 4040 Problem Solving: Pre-Kindergarten (3)

Prerequisites: must meet Milestone II requirements (provisional admission status)

Develops competency in the selection and use of materials, resources, and instructional strategies to foster problem solving and higher order thinking skills in pre-kindergarten children. Development of early science, math, and social skills will be emphasized. Includes field-based experience with children.

EC 4080 Child Guidance and Classroom Management (3)

Prerequisites: must meet Milestone II requirements (provisional admission status); must be taken in semester prior to student teaching.

Develops competency in the selection and use of materials, resources, and instructional strategies to foster problem solving and higher order thinking skills in pre-kindergarten children. Development of early science, math, and social skills will be emphasized. Includes field-based experience with children.

EC 4140 Applications of Developmental Theory (3)

Prerequisite: EC 4020

Develops competency in the selection and use of materials; in the use of instructional strategies; and in the teaching of specific skills. A portion of the course is field based.

EC 4160 Learning Styles of the Culturally Different (2)

Give the student appropriate experiences in (1) developing an awareness of the learning styles; (2) investigating materials and methods designed to aid in the learning process; and (3) formulating objectives and techniques for working with the parents of the culturally different child.

ECONOMICS (ECON)**ECON 2000 Contemporary Economics (3)**

Introduction to current economic events; relates current happenings to past events to understand the basic economic forces that influence our system.

ECON 2010 Principles of Macroeconomics (3)

Principles of pricing, stabilization, and growth in a modern capitalist economy; supply and demand; employment theory and fiscal policy banking systems; and monetary policy, economic growth, and fundamentals of the international economy.

ECON 2020 Principles of Microeconomics (3)

ECON 2010 is recommended

Principles of the economics of the firm, pricing of resources, production and costs, firm behavior in alternative markets, and analysis of current economic problems.

314 Economics (ECON)

ECON 3010 Intermediate Microeconomics (3)

Prerequisite: ECON 2020

Concepts of value and distribution under alternative market condition; elasticity; allocation of resources and price determination; analysis of consumption; and marginal utility.

ECON 3020 Intermediate Macroeconomics (3)

Prerequisite: ECON 2010

Macroeconomic problems of inflation and unemployment; statistics (GDP and the Consumer Price Index) and theory (Classical, Keynesian, and Monetarist views); and public policies.

ECON 3210 Money And Banking (3)

Prerequisite: ECON 2010

The nature and function of money; organization and operation of monetary and financial systems; determinants of money supply and demand; the conduct of monetary policy and its impact on employment, income, and price level.

ECON 3220 Managerial Economics (3)

Prerequisite: ECON 2010 (QM 3110 and junior standing recommended)

Environment of the firm; intra-firm decision problems; analytical concepts and methods; partial-equilibrium analysis of the product markets; analysis of factor productivities, cost, pricing principles, and practices; and estimation of demand and cost primarily from the standpoint of managers in the private sector.

ECON 3510 Government and Business (3)

Prerequisite: ECON 2010

Relationships between government and business; government efforts to enforce competition to regulate public utilities; and protect the special interests of farmers, workers, and consumers.

ECON 3960 Urban Environments and Economics (3) (cross listed with GEOG 3960)

An examination is made of the urban environments. Consideration is given to environmental problems.

ECON 3980 Economic Geography (3) (cross listed with GEOG 3980)

A systematic examination of the structure of dynamic global economic activities. Economic theory is emphasized for review of geographic patterns of resource utilization.

ECON 4000 Issues in Free Enterprise (3)

Prerequisite: junior standing or admission to the BBA Program

Special topics in the area of free enterprise; topics may vary from time to time according to the specialty of the occupant of the Chair of Excellence in Free Enterprise in the BBA Program.

ECON 4210 Public Finance (3)

Prerequisites: ECON 2010 and junior standing

Role of government and its functions and limitations in a market; provision of goods and services by all levels of government; instruments of taxation evaluated according to efficiency and equity criteria; and contemporary public sector issues.

ECON 4310 Labor Economics (3)

Prerequisites: ECON 2020 and junior standing

Economics of the labor market and labor relations; theories of wages and employment; determination of unemployment; investment in human capital; discrimination; public policy toward the labor market; role of labor unions; practices; procedures; legal foundations; legal structure associated with collective bargaining; form and content of the labor contract; grievance machinery; and mediation and arbitration institutions.

ECON 4410 History of Economic Thought (3)

Prerequisites: ECON 2010, 2020, and junior standing

Origin and evolution of economic ideas with emphasis on historical context, problems, and nature of the solutions; historical survey of the economic doctrines of the physiocratic, classical, neoclassical, historical, Keynesian, and other schools of economic thought.

ECON 4610 International Economics (3)

Prerequisites: ECON 2010 and junior standing

Process of international commerce. Theory of trade and exchange rates; institutional and legal environment; current policy issues; analysis of international trade and finance; causes and effects of protection; balance of payments; foreign exchange market; international monetary and financial systems; and international economic cooperation and competition.

ECON 490A, B, C Special Problems in Economics (1, 2, 3)

Prerequisites: senior standing and permission of instructor

Teacher supervised independent study of economics topics (out-of-classroom) of mutual interest to the student and faculty member.

EDUCATION (EDUC)**EDUC 2100 Foundations of Education (2)**

Note: Sophomore standing suggested

The social, philosophical, and historical background of education. The course will contain lecture/discussion and a required field based experience. The Live Text electronic portfolio is introduced.

EDUC 3040 Instructional Technology (3)

Prerequisites: Milestone 1 requirements

Competency in microcomputer applications in the instructional process, including the use of instructional software, media integration, and use of micros in classroom management.

EDUC 3070 Instructional Strategies (3)

Prerequisite: Milestone 1 requirements

Competencies in selected generic teaching skills, such as mastery learning, questioning, positive reinforcement, pupil evaluation, etc. Required prior to methods block or secondary education methods courses (4400's). A field experience is required.

316 Education (EDUC)

EDUC 3090 Elementary School Curriculum, Methods, and Philosophy (3)

Prerequisite: Milestone II; *Corequisite:* RDG 4010, 4020

This course focuses on the principles of child development, effective and differentiated instructional strategies for diverse young learners, standards-based curriculum integration, instructional planning as assessment. A field experience is required.

EDUC 4040 Teaching Social Studies: K-6 (3)

Prerequisites: Milestone II requirements; *Corequisite:* SCI 4020, RDG 4030

The objectives, problems, and instructional techniques in teaching social studies, grades K-6. A school-based teaching experience is required.

EDUC 4080 Classroom Organization and Management (3)

Prerequisite: Milestone II requirements

Theories of classroom organization and management and their application. A field experience (including preclinical experience) is required. Must be taken semester prior to student teaching.

EDUC 4090 Middle School Methods and Curriculum (3)

Prerequisite: Milestone II requirements

Curriculum, program, and philosophy uniquely focused on the middle grades student. A field experience is required.

EDUC 4160 Teaching Diverse Students (3)

Prerequisite: Milestone I requirements

Introduces students to the concept of multicultural education as an idea, an educational reform movement, and a process, incorporating the principle that all students, regardless of their gender, disability status, social class, socioeconomic condition, ethnic, racial, cultural, or sexual identity should have an equal opportunity to learn in school.

EDUC 4270 Classroom Evaluation and Assessment (3)

Prerequisites: Milestone I requirements; EDUC 3070 is a prerequisite or corequisite

Pupil assessment; evaluation of programs; self-assessment; differentiated instruction; contemporary assessment strategies; and related research applications.

EDUC 4410 Student Teaching: Grades K-3 (5)

EDUC 4510 Student Teaching: Grades 4-6 (5)

EDUC 4610 Student Teaching: Grades 7-8 (5)

EDUC 4710 Student Teaching: Grades 9-12 (5)

Prerequisite: Milestone III requirements

Teacher candidates will teach a full semester under the direction of a University mentor and mentor teachers. Experience at two grade levels and in varied settings is required.

According to state directives, the student teacher must receive prior written permission from the Dean of the College of Education to enroll in coursework other than student teaching during the semester. 4310, 4410, 4510, 4610, and 4710 are corequisites with an intensive seminar (EDUC 4950, 2 credits) in which portfolio-based and other summative assessment is accomplished. The seminar also addresses relevant issues in professional education, as well as licensure procedures and induction into the teaching profession. Pass/Fail grade.

EDUC 4720 Special Topics in Education (1, 2, 3)

Prerequisite: permission of Dean of College of Education

Used to satisfy special needs of groups or independent study activities for individuals.

EDUC 4730 Problems in Education (1, 2, 3)

Prerequisite: permission of Dean of College of Education

Used to satisfy special needs of groups or individuals who have unusual or atypical requests.

EDUC 4950 Teaching Seminar (2)

Prerequisite: Milestone III requirements

This course is a capstone seminar required during the clinical semester. The course will focus on formative and summative assessment; completion of program and licensure requirements; professional development; and orientation and induction into the teaching profession. The Live Test electronic portfolio will be completed and defended during the seminar. Course includes small group and whole group discussions, guest speakers, and self-reflection.

ENGLISH (ENGL)**ENGL 1010, 1020 English Composition I and II (3 each)**

Development of the student's writing skills through a process of thinking, researching, planning, writing, reviewing, revising, and editing expository essays.

Note: ENGL 1010 is a prerequisite for ENGL 1020. ENGL 1010 and ENGL 1020 are prerequisites for all other English courses except English as a Second Language (ENGL 1210, 1220).

*** ENGL 1010 must have a grade of "C" or better**

ENGL 1100 Technical and Report Writing (3)

Prerequisite: ENGL 1010

Introduction to technical writing for students whose jobs will require writing. Coursework simulates actual working conditions and skills, including professional languages, audience-analysis, data collection and organization, and page design, with practice in reports, proposals, instructions, and other professional documents, working with word processing, desktop publishing, and graphics computer programs.

ENGL 1210, 1220 English as a Second Language (4 each)

Prerequisites:

(1) *Status as an international student whose native language is not English;*
 (2) *The minimum proficiency in English that is required of foreign students for admission to the University (500 minimum score on TOEFL). This is a one-year series of courses designed to meet the special linguistic needs of international students or permanent residents whose native language is not English. ENGL 1210-1220 do not satisfy the communication requirement in the Liberal Arts core, nor do they count toward graduation. ENGL 1210-1220 do NOT satisfy the ENGL 1010 and ENGL 1020 requirement, but they do count toward semester accumulated hours.*

ENGL 1210: Development of English language skills: reading, writing, speaking, and listening.

ENGL 1220: Focuses on composition, the process of organizing thoughts, writing, revising, and editing. Works of established writers are analyzed and discussed.

ENGL 2030 Traditions in World Literature (3)

An overview of world literature that will include works from different periods. Note: ENGL 2030 course is a prerequisite to all ENGL upper division literature courses.

318 English (ENGL)

ENGL 2200 Introduction to Creative Writing: Poetry and Fiction (3)

Writing and analysis of poetry and short stories.

ENGL 3010 Studies in American Literature I (3)

Advanced analysis and background study of American texts written before 1866.

ENGL 3020 Studies in American Literature II (3)

Advanced analysis and background study of American texts written after 1865.

ENGL 3100 Studies in British Literature I (3)

Advanced study of medieval and early modern British literature with an emphasis on critical and theoretical approaches.

ENGL 3130 Studies in British Literature II (3)

Advanced study of 19th and 20th century British literature with an emphasis on critical and theoretical approaches.

ENGL 3150 Shakespeare (3)

Reading of selected plays and poems including a comedy, a tragedy, a history play, and a romance. The choice of works will be made after class has been surveyed. Some attention will be given to the life and times of Shakespeare.

ENGL 3200 Expository Writing (3)

Instruction in the art of expository writing that introduces students to the aims of discourse; the methods for applying rhetorical schemes and tropes, including the use of symbolism; the use of grammar in the service of style; academic formats and styles of writing; and the paradigms for various types of writing projects.

ENGL 3210 Writing Fiction (3)

Prerequisite: ENGL 2200

The student is guided individually and as a member of a group in the writing and analysis of short stories.

ENGL 3220 Writing Poetry (3)

Prerequisite: ENGL 2200

The student is guided individually and as a member of a group in the writing and analysis of poems.

ENGL 3310 Stories for Creative Writers (3)

Exposes readers and writers of fiction to a body of classic short stories by Americans, other writers of the English language, and non-English-speaking writers in translation.

ENGL 3320 Poetry for Creative Writers (3)

Exposes readers and writers of poetry to a variety of contemporary poems by Americans, other writers of the English language, and non-English-speaking writers in translation.

ENGL 340A Arthurian Romance (3)

Various versions of the Arthurian legend from the Middle Ages to the 20th century.

ENGL 340B Literature of the American West (3)

Representative works on the American West with attention to the historical, cultural, and psychological significance of this genre.

ENGL 340C Modern Southern Fiction (3)

Southern writers with special emphasis on those of the 20th century.

ENGL 340D Mythology and Folklore (3)

The role of mythology in literature from the Golden Age of Greece to that of contemporary popular culture, including the function of folklore stories, music, and legends.

ENGL 340E Russian Literature (3)

A study of Russian literature with emphasis on the 19th century.

ENGL 340F Women Writers: Topics in Women's Literature (3)

Examination of significant issues or topics reflected in women's literature from a variety of cultures and perspectives. Topics will be selected by individual instructors.

ENGL 340G Critical Studies in African American Literature (3)

Selected readings in African American literature with an emphasis on different critical approaches to literature.

ENGL 340H African Writers (3)

African writers in English since the colonial experience. Illuminates the character, literary, and thematic concerns of the works studied. Students will read from West, East, and South African authors.

ENGL 340J Shakespeare on Film (3)

Students study plays through reading the plays and viewing significant 20th century films. Discussion focuses on film as an interpretative portrayal of a play, emphasizing how cinema translates Shakespeare's works. Some films are authentic dramatizations of plays, while others are contemporary revisions through Broadway musicals and foreign films with English subtitles.

ENGL 340L Early American Literature (3)

Major and minor writers from the first arrival of the Europeans to 1776.

ENGL 340M U.S. Latino/a Literatures (3)

Studies in the Latino/Latina literatures of the United States with emphasis on Cuban-American, Puerto Rican, Mexican-American, and Dominican-American literary and cultural traditions.

ENGL 340N Gay and Lesbian Literature Across Cultures (3)

Cross-cultural studies in gay and lesbian literature. Topics, approaches, and readings will vary with individual instructors.

ENGL 340P Topics in World Literature (3)

Reading and analysis of literature in translation from various cultures and time periods. Topics, critical approaches, genres, and writers will vary with individual instructors.

320 English (ENGL)

ENGL 340R Century's End: Race and Gender at the Turn of the Twentieth Century (3)

Examination of the ways in which race and gender were constructed and construed in American culture from 1890 to 1914, through study of relevant fiction, nonfiction, and film.

ENGL 340S Bible and Literature in English (3)

The influence of the Bible on the English language and literature will be explored. Readings will include selections from the Bible and works of literature influenced by it.

ENGL 340W Critical Studies in Women's Literature (3)

Selected readings in Anglo-American women's literature with an emphasis on feminist, new historicist, and other contemporary critical approaches involving race, class, and gender issues.

ENGL 3420 The Adolescent Experience in Literature (3)

Emphasizes thematic connections between adolescent literature as a late-20th century genre and traditional literature from various literary perspectives. Particular focuses: aesthetic qualities, portrayal of adolescent developmental tasks, representation of adolescence in diverse cultural contexts, and application in Secondary-English classrooms. Required for English majors in teacher licensure program.

ENGL 3500 Advanced Technical Writing (3)

Prerequisite: ENGL 1100

Technical writing as a professional discipline, for students planning careers as technical writers or who anticipate that technical writing will be among their major duties in their chosen fields. Styles and forms in technical writing, emphasizing audience analysis and other social aspects of technical writing along with page design and desktop publishing. Extensive use of computers.

ENGL 3510 Technical Report Writing (3)

Prerequisite: ENGL 1100 or 3500

Designed to give the student practice in designing, writing, and producing a variety of technical papers, reports, and manuals. Projects determined by student's major and interests. Extensive use of sophisticated graphics and desktop publishing equipment.

ENGL 3600 Professional Writing and Editing (3)

Prerequisite: ENGL 1100

Writing common to professions outside of business; academic writing, report writing, industrial writing, scientific discourse, empirical research, and environment writing.

ENGL 360A American Drama (3)

American drama as literature. Drama written in the 20th century, especially the works of Eugene O'Neill, Arthur Miller, Tennessee Williams, Maxwell Anderson, Lillian Hellman, Edward Albee, and others.

ENGL 360B American Short Story (3)

The historical and literary backgrounds of the American short story; extensive reading, discussion, and presentation of analyses of representative stories.

ENGL 360C English Drama, 1580-1780 (3)

Examination of selected non-Shakespearean plays of the Renaissance and of representative plays of the Restoration and 18th century, as well as exposure to the nature of theaters of these periods and to the general character of the criticism of this literature.

ENGL 360D Literary Criticism (3)

An exploration of critical approaches to literary texts and a study of recent developments in the theory of language and literature.

ENGL 360E Modern Drama (3)

Important plays from Ibsen to the present. Also includes Strindberg, Chekhov, Pirandello, Shaw, and others.

ENGL 360F Modern Fiction (3)

Selected modern works of prose fiction by European as well as British and American authors.

ENGL 360G Modern Poetry (3)

Modern British and American poets with emphasis on poets of the late 19th and 20th centuries.

ENGL 360H Literature and Film Across Cultures (3)

Study of films adapted from literature and the literary texts from which they have been created. Readings and films represent various cultures. Selections, critical approaches, and topics will vary with individual instructors.

ENGL 3700 Business Writing (3)

Writing common to business, including rhetoric, style, and graphic design in memos, letters, instructions, researched reports, and proposals.

ENGL 370A 17th Century British Prose and Poetry (3)

Readings in prose, metaphysical poetry, and the Cavalier lyricists, including Bacon, Donne, Milton, Jonson, Herrick, and Herbert.

ENGL 4200 Writing Workshop: Creative Nonfiction (3)

Prerequisites: ENGL 2030 *required*. ENGL 2200 *recommended*

An opportunity to develop skills in the writing of nonfiction. Assignments may include the following: personal essay, memoir, feature article, review, journalistic report. The student is guided individually and as a member of a group through rigorous analysis of his or her work.

ENGL 4210 Writing Workshop: Fiction (3)

Prerequisites: ENGL 3210 *and permission of the instructor*

An opportunity to develop skills learned and projects begun in 3210. Students are guided individually and as members of a group through rigorous analysis and criticism of their work.

ENGL 4220 Writing Workshop: Poetry (3)

Prerequisites: ENGL 3220 *and permission of the instructor*

An opportunity to develop skills learned and projects begun in 3220. Students are guided individually and as members of a group through rigorous analysis and criticism of their work.

322 English (ENGL)

ENGL 4400 Teaching English in Secondary School (3)

Prerequisite: provisional admission to Teacher Education Program

Surveys practices in the secondary school English classroom. Includes preparation of teaching unit, simulated teaching experiences, and methods for instructing students in literature, language, composition, visual literacy, and related areas within the language arts. Thirty (30) hours of field experience are required.

ENGL 4440 Course for Visiting Writers (3)

The nature of the literature course will be determined by the visiting writer.

ENGL 4500 Technical Writing Theory and Research (3)

Prerequisite: ENGL 1100 or permission of instructor

A study of theoretical issues in technical, professional, and scientific writing, including ethics, rhetoric, usability, design, cognition, and international communication.

ENGL 460A Major Medieval Writers (3)

One major writer or selected major writers of the Middle Ages will be studied in depth.

ENGL 460B Major Renaissance Writers (3)

One or two major writers of the Renaissance will be studied in depth.

ENGL 460C Major 18th Century Writers (3)

One or two major writers of the 18th century period will be studied in depth.

ENGL 460D Major Romantic Writers (3)

One or two major writers of the Romantic period will be studied in depth.

ENGL 460E Major Victorian Writers (3)

Prerequisite: ENGL 2030

One or two major writers of the Victorian period will be studied in depth.

ENGL 460F Major American Writers I (3)

One or two major American writers of prose will be studied in depth.

ENGL 460G Major American Writers II (3)

One or two major American poets will be studied in depth.

ENGL 460H: Major Modern British Writers (3)

One or two major British writers of the 20th century will be studied in depth.

ENGL 4600 Topics in Literature and Language (3)

Study of a selected topic in literature, linguistics, or writing as determined by the instructor. May be taken twice for credit for a maximum of six hours.

ENGL 4610 Professional Writing Internship (3)

Prerequisite: ENGL 1100, junior or senior status, permission of instructor and on-site instructor

Practical experience in technical or professional writing. Students must produce documents meeting the requirements of the instructor and the onsite supervisor. May be taken twice for credit for a maximum of six hours.

ENGL 4650 Independent Study in Language or Literature (3)

Under special circumstances a student may be assigned an academic project not otherwise available. The assignment must be approved by the departmental chair.

ENGL 4900 Playwriting (3) (cross listed with THEA 4900)

Prerequisite: sophomore standing

Composing and revising scenes and one or two one-act plays for stage performance.

ENGL 4950 Advanced Playwriting (3) (cross listed with THEA 4950)

Prerequisite: ENGL 4900 or THEA 4900

Revising plays and one-act scripts for stage performance.

FINANCE (FIN)**FIN 1000 Personal Finance (3)**

An examination of consumer financing, including budgeting, planning, taxes, credit, housing, insurance, investing, and retirement plans.

FIN 3010 Principles of Finance (3)

Prerequisites: junior standing; business majors must also meet the BBA admission requirement

A survey of business financial practices related to financial analysis, planning and control, managing working capital, capital investment, sources, and costs of financing. Computer models and software are used in instruction.

FIN 3310 Investments (3)

A survey of the field of investments, including investment setting, security markets, investment alternatives, valuation principles, strategy, and factors affecting security price movements. Available computer software is used.

FIN 3510 International Finance (3)

Prerequisite: FIN 3010

Theories of international trade will be introduced, as well as international business finance and its environment. Additional topics to be examined include comparison of financial statements between countries, risk and the foreign investment decision, exchange rate risk, and institutions and instruments of international finance.

FIN 3610 Principles of Real Estate (3)

Covers fundamental principles of real estate involved in the ownership and transfer of real property. Other topics include the operation of a real estate business, techniques of real property transactions, problems of buying and leasing real property transactions, and problems of buying and leasing property for residence or investment purposes.

FIN 3620 Real Estate Finance (3)

Emphasizes financial aspects of real estate transactions.

324 Finance (FIN)

FIN 4010 Managerial Finance (3)

Prerequisites: FIN 3010, QM 3110

Financial management of the firm through in-depth study of financial planning, capital budgeting, working capital management, sources of financing, mergers, capital structure, and cost of capital. Available computer simulations and software are used with cases as instructional aides.

FIN 4210 Financial Markets and Institutions (3)

A study of financial markets and financial institutions. Emphasis will be placed on the interaction of financial markets and financial institutions, and their interaction with the corporate sector.

FIN 4310 Security Analysis and Portfolio Theory (3)

Prerequisites: FIN 3310, QM 3110

Continuation of 3310 through in-depth study of security valuation; risk diversification; portfolio construction; and performance evaluation. Available computer software is used.

FIN 4400 Financial Policy (3)

Prerequisites: FIN 3010, and QM 3110, or senior standing and permission of instructor

An analysis of selected financial problems and financial management decision making using the case approach. The course emphasizes both internal and environmental analysis in developing appropriate financial strategies for the firm.

FIN 4410 Selecting Equity Investments (3)

Equity investments decisions made by student teams for the TVA Investment Challenge or similar projects. Written and oral presentations are required.

FIN 490A, B, C Special Problems in Finance (1, 2, 3)

Prerequisites: senior standing and permission of department chair and/or dean

Supervised independent study of finance topics (outside of classroom) which are academically relevant and of interest to both student and faculty.

FRENCH (FREN)

FREN 1010, 1020 Elementary French (4 each)

101A-101B; 102A-102B (2 each): FREN 101A and 101B are equivalent to FREN 1010; FREN 102A and 102B are equivalent to FREN 1020.

Prerequisite for FREN 1020: FREN 1010

Introduction to French language and culture with emphasis on oral communication.

Extensive practice in reading, writing, speaking, and listening.

FREN 2010, 2020 Intermediate French (3 each)

Prerequisite for FREN 2010: FREN 1020 or equivalent; *Prerequisite for FREN 2020:* FREN 2010 or equivalent

A comprehensive review of French along with extensive reading, close textual examination, and discussion of representative works of French literature.

FREN 3040 Study Abroad in Quebec (6-8)

Prerequisite: basic knowledge of French or permission of instructor

A study program in Quebec designed to provide students with a total French-speaking environment which will allow a broadening of knowledge and appreciation of the French language and culture of Quebec. May be repeated for credit.

FREN 3044 Short-term Study Abroad in Quebec (3)

Prerequisite: basic knowledge of French or permission of instructor

A short-term study abroad program in Quebec designed to provide students with a total French-speaking environment which will allow broadening of knowledge and appreciation of the French language and the culture of Quebec.

FREN 3049 Short-term Intensive French Immersion (3)

Prerequisite: FREN 1020 or equivalent

A short-term intensive French immersion study abroad experience designed to provide French students with a total French-speaking environment which will allow broadening of knowledge and appreciation of French language and francophone culture. May be repeated for credit.

FREN 3050 Semester Study in France (6-12)

Prerequisite: basic knowledge of French or permission of instructor

A semester-long program of study in France designed to provide advanced French students with a total French-speaking environment which will allow broadening of knowledge and appreciation of French language and culture. May be repeated for credit.

FREN 3210 Advanced Composition in French (3)

Prerequisite: FREN 2020 or permission of instructor

Free composition on assigned topics and translations to and from French from a variety of authors and topics to develop fluency and correctness in writing French.

FREN 3220 Phonetics and Conversation in French (3)

Prerequisite: FREN 2020 or permission of instructor

A minimum of theory with extensive application in corrective phonetics to assure a high level of accuracy in French pronunciation. Concentrated practice in oral command of French. This course affords the student opportunities to discuss in French assigned topics in order to develop confidence and accuracy in oral expression.

FREN 3320 French Civilization (3)

Prerequisite: FREN 2020 or permission of instructor

The creative forces of the genius of French civilization are studied through discussion, lectures, and research projects.

FREN 3330 Quebec Literature and Culture (3)

Prerequisite: FREN 2020 or permission of instructor

This course will examine the culture, literature, and language of the Canadian province of Quebec. This course complements FREN 3040.

FREN 3410 Business French

Vocabulary and concepts in French and Québécois finance, accounting, and marketing.

326 French (FREN)

FREN 3420 French Cinema (3)

Prerequisite: FREN 2020

History of French cinema and study of representative films.

FREN 3430 Approaches to French Literature (3)

Prerequisite: FREN 2020

Practice reading, discussing, and writing about French literacy texts.

FREN 4110, 4120 Independent Study in French (3 each)

Prerequisite: *permission of instructor*

Students study independently in French under instructor's guidance. Studies are planned to satisfy special individual needs and interests.

FREN 4410 French Poetry (3)

Prerequisite: FREN 2020

Study of the most important movements, authors, and poems in French literature.

FREN 4420 French Theatre (3)

Prerequisite: FREN 2020

Study of the most important movements, authors, and plays in French literature.

FREN 4430 French Fiction (3)

Prerequisite: FREN 3430

Study of the most important movements, authors, novels and short stories in French literature.

FREN 4530 French Literature: Special Topics (3)

Prerequisite: FREN 2020

Selected texts from a genre, period, or theme in French Literature. May be repeated for credit.

GENERAL BUSINESS (GB)

GB 1110 Introduction to Business (3)

Business environment, economics and legal foundations of business, human resources, marketing operations, and financial functions of domestic and global business.

GB 3900 Internship (3)

Prerequisites: *junior standing and permission of the School of Business Internship Coordinator*

Designed to provide academic credit for relevant and meaningful managerial and professional employment experience in preparation for managerial positions. Term paper and satisfactory evaluation by employer required for credit. Grading on a pass/fail basis.

GEOGRAPHY (GEOG)

GEOG 1010 Physical Geography (3)

Introduction to map reading as well as development of skills and techniques used in the study of geography. This course concentrates on interrelationships among elements of the natural environment: landform, climate, soil, vegetation, weather, and water.

GEOG 1020 Geography of Europe, the Americas, and Australia (3)

Regions and countries generally included within Europe, the Americas and the Austral Realm will be analyzed with respect to their world location, population characteristics, cultural characteristics, economies, political connections/relationships, and problems/potentialities.

GEOG 1030 Geography of Africa, Asia, and Oceania (3)

Regions and countries generally included within Africa, Asia and the Pacific Realm will be analyzed with respect to their world location, population characteristics, cultural characteristics, economies, political connections/relationships, and problems/potentialities.

GEOG 3040 Sustainable Development (3)

Prerequisites: GEOG 1010, MATH 1010 or higher

(cross listed with AGRI 3040)

The impact of a rapidly growing human population on availability of natural resources and pollution of the environment. Minerals and energy resources, soil, water, air, forests, and wildlife habitats will be considered. Reducing consumption and using alternative sources will be considered as options to increasing resources production.

GEOG 3060 Quantitative Geosciences - Three hours lecture, three hours lab (4)

(cross listed with GEOL 3060)

Prerequisites: GEOG 1010 or GEOL 1040, MATH 1730, or permission of instructor

Techniques of geologic and atmospheric data collection and analysis with special emphasis on those parametric and nonparametric statistics utilized in the applied Geosciences. Emphasis placed on computer applications.

GEOG 3110 Geography of the United States and Canada (3)

A spatial analysis of the physical and cultural characteristics of the United States and Canada within a regional context.

GEOG 3130 Geography of the Middle East (3)

Prerequisite: GEOG 1010 or 1020 or 1030 or permission from instructor

The course will focus on the physical and cultural geography of Southwest Asia. The objectives are to analyze natural and human components and evaluate the significance of resources such as petroleum and water. The course will also cover historical and religious aspects that play a significant role in demographic, economic and political development.

GEOG 3150 Geographic Information Systems I - Three hours lecture, two hours lab (4)

Prerequisites: a working knowledge of high-school algebra and geometry, CSCI 1005 or 1010 or permission of instructor

Introduction to the fundamentals of mapping and geographic information systems, including the nature of spatial data, coordinate systems, data collection, vector data, models, data analysis, mapping, and map interpretation.

328 Geography (GEOG)

GEOG 3250 Geographic Information Systems II - Two hours lecture, two hours lab (3)

Prerequisite: GEOG 3150

Intermediate geographic information systems; topics including relational database management systems, database design, vector and raster data models, address geocoding, spatial analysis operations, surface modeling, volume estimation, view shed analysis, and data uncertainty.

GEOG 3750 Geography of the African World (3)

A thematic approach to the multi-faceted aspects of the physical and human geography of Africa, contemporary geographic ideas, theories, and concepts, and their applicability to African "real-world" situations.

GEOG 3920 Field Mapping and the Global Positioning System (3)

Prerequisite: MATH 1730

Principles and practice of the global positioning system and their interface with geographic information systems.

GEOG 3930 Natural Hazards in the Environment (3)

Prerequisites: GEOG 1010, GEOL 1040

Natural hazards are examined, including thunderstorms, tornadoes, hurricanes, drought, volcanic eruptions, earthquakes, landslides, collapse, subsidence, floods, and wildfire.

Emphasis is placed on the interaction between people and the physical process. An analysis is made of the human perception of disasters as well as preparedness and recovery planning.

GEOG 3940 Technological Hazards in the Environment (3)

Environmental hazards introduced into the environment as a byproduct of technology are examined, including air, pollution, water, terrestrial pollution, and nuclear and industrial accidents. Emphasis is placed on the role of technology in altering natural processes and how society copes with increasing risks posed to life, limb, and property. Lecture will examine technological hazards as existing and evolving threats and global social, economic, and environmental security.

GEOG 3960 Urban Environments (3)

An examination is made of urban environments. Consideration is given to urban environmental problems.

GEOG 3980 Economic Geography (3)

Prerequisites: GEOG 1020, 1030 are recommended

A systematic examination of the structure of dynamic global economic activities, provided through an analysis of their defining spatial patterns, pressures, and interactions.

Economic theory is not emphasized, except as necessary for the investigation of geographic patterns of resource utilization and the dynamic interactions of human, economic, and physical environments.

GEOG 4000 Environmental Management (3)

An analysis of environmental regulations and management strategies employed by federal agencies, state and local governments, and corporations.

GEOG 4010 Environmental Assessment (3)

Prerequisites: GEOG 4000, ENGL 1100

An analysis of the environmental impact statement (EIS) process. Emphasis is placed on preparation, review, and requirements of an EIS as a tool for environmental assessment.

GEOG 4160 Environmental Modeling and GIS - Three hours lecture, two hours lab (4)

Prerequisite: GEOG 3060

The use of a spreadsheet and a geographic information system in simulating atmospheric hydrological, biological, and earth surface processes. Deterministic, stochastic, chaotic, and optimization models will be described and constructed. Structure and behavior of dynamic physical, economic, and human systems, cause-and-effect relationships, and feedback in dynamic models.

GEOG 4170 Meteorology - Three hours lecture, two hours lab (4)

Prerequisite: GEOG 1010

An analysis of the components and processes of weather, emphasizing atmospheric energy exchange, local and global circulation patterns, and human modification of weather elements. Weather as a natural hazard is explored. Lab assignments emphasize weather observation, prediction, and presentation.

GEOG 4180 Climatology - Three hours lecture, two hours lab (4)

Prerequisite: GEOG 1010

Elements and processes defining and characterizing global climate patterns and classifications. Climates are examined for their spatial and temporal interaction with, and impact on, physical, biological, and human activity environments. Impact of environmental and atmospheric phenomena, including global warming and ozone depletion, on climate and climate change are examined.

GEOG 425A, B, C Applied Geographic Information Systems - Two hours lecture, two hours lab (3 each)

Prerequisite: GEOG 3150

The application of GIS technology to specific areas of specialization within the geosciences. May be repeated for credit.

GEOG 4260 Remote Sensing - Three hours lecture, two hours lab (4)

(cross listed with GEOL 4260)

Prerequisites: MATH 1730; CHEM 1110 *or* PHYS 2010

Data capture, image characteristics, and interpretation of aerial photography and satellite imagery, to include multispectral, thermal, and radar images. Digital image processing using a raster geographic information system.

GEOG 4270 Watershed Management and Modeling - Three hours lecture, two hours lab (4)

Prerequisites: GEOG 3060, (GEOG 1010 *or* GEOL 1040) *and* (CHEM 1110 *or* PHYS 2010)

Quantitative analysis and deterministic simulation of processes in the hydrologic cycle including precipitation, evaporation, infiltration, runoff, erosion, and open channel flow. Surface water quality as impacted by both natural and anthropogenic pollutant sources. Environmental decision making in light of model output.

330 Geography (GEOG)

GEOG 450x course can only be taken with the permission of the instructor.

Only one course can be taken for completion of the geography minor.

GEOG 450A Special Problems in Physical Geography (3)

GEOG 450B Special Problems in Economic Geography (3)

GEOG 450C Special Problems in Regional Geography (3)

GEOG 450D Special Problems in Urban Geography (3)

GEOLOGY (GEOL)

GEOL 1000 Geology as a Profession (1)

Explores varied roles geologists play in private industry and in government. Course features guest speakers who work as geologists in Middle Tennessee.

GEOL 1040 Physical Geology - Three hours lecture, three hours lab (4)

(course renumbered from GEOL 1110)

Minerals and rocks, volcanism and related processes, weathering and soil development, glaciations, wind and stream erosion, major water and soil pollution problems, natural disaster forecasting, and development of landscape.

GEOL 1050 Historical Geology - Three hours lecture, three hours lab (4)

(course renumbered from GEOL 1120)

Plate tectonics and continental drift, development of major scientific theories about the earth, physical environment and organic populations of the earth in prehistoric times.

GEOL 290A, B, C, D Internship in Geology (3, 4, 5, 6)

Prerequisite: permission of instructor

University arranged and jointly supervised full-time salaried work experience as a technician-level employee of a geologically oriented government agency or company.

GEOL 3000 Structural Geology - Three hours lecture, three hours lab (4)

Prerequisites: GEOL 1040, MATH 1730 or permission of instructor

Structure and deformation of the Earth's crust. Topics include rock mechanics and geometry, and Kinematics of faults, folds, joints, and rock fabrics. Laboratory includes geologic map interpretation and data analysis. An overnight field trip is required.

GEOL 3002 Structure Field Practicum (1)

Corequisites: must take GEOL 3000 and GEOL 3001 concurrently

Field observation, documentation, and analysis of deformational features formed at middle to upper levels of the earth's crust. Use of the Brunton compass, note taking, and collection and analysis of structural data in the field. An overnight field trip is required.

GEOL 3010 Topics in Volcanology - Three hours lecture, two hours lab (4)

Descriptive study of selected topics in volcanology with emphasis placed on formation, analysis of selected type areas, eruptive history, composition, and characteristics of volcanic material and associated mineral deposits. Research paper involving a detailed analysis of a selected topic required.

GEOL 3030 Environmental Geology -Three hours lecture, three hours lab (4)

Prerequisite: GEOL 1040

Major geologic factors that directly influence man's adaptation to his environment. Lecture and laboratory focus attention on evaluation of earthquake susceptibility, landslide occurrence and prevention, flood potential and results of floodplain development, ground water contamination, and similar geologic processes which affect urbanization, engineered structures, and land-use potential and environment.

GEOL 3060 Quantitative Geosciences - Three hours lecture, three hours lab (4)

(cross listed with GEOG 3060)

Prerequisites: GEOL 1040 or GEOG 1010, MATH 1730, or permission of instructor

Techniques of geologic and geographic data collection and analysis, with special emphasis on those parametric and nonparametric statistics utilized in the applied Geosciences. Emphasis placed on computer applications.

GEOL 3100 Stratigraphy and Sedimentation - Three hours lecture, three hours lab (4)

Prerequisites: GEOL 1040, 1050

The genesis, mode of occurrence, and historical significance of sedimentary structures and depositional environments. Laboratories focus on techniques of rock and sediment analysis. An overnight field trip is required.

GEOL 3500 Mineralogy - Three hours lecture, three hours lab (4)

Prerequisite: GEOL 1040

This course is the study of rock-forming minerals. Includes introduction to crystallography; crystal chemistry; optical mineralogy; and occurrence and identification of common minerals in hand sample and thin section, with special emphasis on silicate minerals.

GEOL 3600 Petrology - Three hours lecture, three hours lab (4)

Prerequisite: GEOL 3500 at APSU or approval of transfer credit for mineralogy from instructor

The study of igneous, metamorphic, and sedimentary rocks in hand sample and thin section. Includes textural, mineralogical, and chemical characteristics; classification of rocks; and the origin, association, and tectonic occurrence of rocks. An overnight field trip is required.

GEOL 3650 Geotechnique (3)

Prerequisite: permission of instructor

Techniques and instruments used in applied geology; planning a foundation study, using borehole sensors; and similar projects.

GEOL 3680 Principles of Geochemistry (3)

Prerequisites: GEOL 1050, CHEM 1120

Physical-chemical factors that control distribution and association of elements in the earth's crust. Some emphasis will also be placed on applications of geochemistry to mineral exploration.

332 Geology (GEOL)

GEOL 390A, B, C, D Advanced Internship in Geology (3, 4, 5, 6)

Prerequisite: GEOL 290x

A second year of University arranged and jointly supervised full-time salaried work experience as a junior professional in a geologically oriented government agency or company.

GEOL 4050 Process Geomorphology - Three hours lecture, three hours lab (4)

Prerequisite: GEOL 1040 or permission of instructor

An applied, systematic process approach to landform development based upon threshold concepts. Geomorphic processes emphasized include mass movement, fluvial, aeolian, glacial, and karst geomorphology. Laboratory work is based upon aerial photographs, maps, field projects, and computer data analysis.

GEOL 4100 Seminar in Tectonics (3)

Prerequisite: GEOL 1040

Tectonic evolution of continents and relation to plate tectonic setting. Topics include terrane concepts, theories on the structural, mechanical, and thermal evolution of contractional and extensional orogenic belts; and origin of foreland and rift basins.

GEOL 4250 Hydrogeology - Three hours lecture, three hours lab (4)

Prerequisite: MATH 1720 or higher or permission of instructor

Occurrence, movement, and properties of subsurface water with special emphasis on geological aspects of ground water. Secondary emphasis is placed on ground-water flow evaluation and ground-water contamination, flow-net analysis, and pump testing.

GEOL 4260 Remote Sensing - Three hours lecture, two hours lab (4) (cross listed with GEOG 4260)

Prerequisite: MATH 1730

Data capture, image characteristics, and interpretation of aerial photography and satellite imagery, to include multispectral, thermal, and radar images. Digital image processing using a raster geographic information system.

GEOL 4450 Economic Geology - Three hours lecture, two hours lab (4)

Prerequisite: GEOL 3600 or permission of instructor

General features of mineral deposits, their origin, localization, and classification; also incorporates classic examples of mineral deposits with their geologic and geographic occurrence.

GEOL 450A, B, C Lab Research Project (3 each)

Prerequisite: permission of instructor

To promote personal growth as an independent investigator, each well-qualified junior or senior may complete an independent laboratory (in-house or field) oriented original research project with faculty supervision.

GEOL 455A, B Seminar in Earth Science (1 each)

Prerequisite: permission of instructor

Exploration of a theme from the current literature in the earth sciences.

GEOL 4910 Invertebrate Paleontology - Three hours lecture, three hours lab (4)

Prerequisite: GEOL 1050

Principles of faunal interpretation as applied to the fossil record of the invertebrate phyla. An overnight field trip is required.

GEOL 4920 Advanced Paleontology (3)

Prerequisite: GEOL 4910 or permission of instructor

Diversification of life, evolution of communities, faunas and floras, paleoecologic reconstruction, and evolutionary patterns are all components of paleontology. Current and past literature is explored to gain insight into patterns and processes in the history of life. Techniques in collection and analysis of paleontologic data are explored.

GEOL 4990 Field Geology (6)

Prerequisite: completion of courses required for Geology Concentration or permission of faculty

Six-week intensive experience in measuring section, stratigraphic, and structural interpretation and geologic mapping in a wide variety of igneous, metamorphic, and sedimentary terranes. Projects involve producing geologic maps and reports; aerial photographic interpretation skills, mapping, and location determination with GPS.

GEOL 4995 Seminar in Geosciences Communication (2)

Prerequisite: 12 upper division credit hours in Geology

Techniques of writing, editing, and oral presentation in the geosciences. Professional geologic reports, abstracts, and papers are emphasized. Location and critical evaluation of geologic data in print and electronic media will also be addressed. Pass/Fail grade.

GEOL 4999 ASBOG License Preparation (2)

Prerequisite: senior standing during the academic year in which the student graduates

A comprehensive review of the geology concentration in the geosciences major conducted as preparation for the Association of State boards of Geology (ASBOG) licensing exam in order to practice geology in Tennessee and Kentucky and other states with reciprocity agreements. The successful completion of the ASBOG exam is required by the state of Tennessee before a license to practice geology is granted. Pass/Fail grade.

GERMAN (GERM)**GERM 1010, 1020 Elementary German (4 each)**

Prerequisite for GERM 1020: GERM 1010 or 101A-101B; 102A-102B (2 each); GERM 101A and GERM 101B are equivalent to GERM 1010; GERM 102A and GERM 102B are equivalent to GERM 1020.

Introduction to German language and culture with emphasis on oral communication. Extensive practice in reading, writing, speaking, and listening.

GERM 2010, 2020 Intermediate German (3 each)

Prerequisite for GERM 2010: GERM 1020 or equivalent; *prerequisite for GERM 2020:* GERM 2010 or equivalent

A comprehensive review of German along with extensive reading, communicative exercises, and discussions of representative German texts and other media.

334 German (GERM)

GERM 3040 Study Abroad in German-speaking Countries (6-8)

Prerequisite: basic knowledge of German or permission of instructor

A study abroad program designed to provide students with a total German-speaking environment which will allow a broadening of knowledge and appreciation of German language and culture. May be repeated for credit.

GERM 3210 Advanced Composition in German (3)

Prerequisite: GERM 2020 or permission of instructor

Free composition on assigned topics and translations to and from German, from a variety of authors and topics, to develop fluency and correctness in writing German.

GERM 3220 Phonetics and Conversation in German (3)

Prerequisite: GERM 2020 or permission of instructor

Extensive application of corrective phonetics to assure a high level of accuracy in German pronunciation. Concentrated practice in oral command of German. This course affords the student opportunities to discuss in German assigned topics in order to develop confidence and accuracy in oral expression.

GERM 3410 Business German (3)

Prerequisite: GERM 2020 or third-year proficiency

Vocabulary and concepts in German, Austrian, and Swiss business.

GERM 3510 German Civilization, Culture, and Geography I (3)

Prerequisite: GERM 2020 or permission of the instructor

German civilization, history, culture, and geography from its origins until the 18th Century.

GERM 3520 German Civilization, Culture, and Geography II (3)

Prerequisite: GERM 2020 or permission of the instructor

German civilization, history, culture, and geography from the 18th century on.

GERM 4110, 4120 Independent Study in German (3 each)

Prerequisite: permission of instructor

Students study independently in German under instructor's guidance. Studies are planned to satisfy special individual needs and interests.

GERM 4510 Survey of German Literature I (3)

Prerequisite: GERM 2020

German literature from the beginning to 1800.

GERM 4520 Survey of German Literature II (3)

Prerequisite: GERM 2020

German literature from 1800 to the present.

GERM 4530 German Literature: Special Topics (3)

Prerequisite: GERM 2020

Selected texts from a genre, period or theme in German Literature. May be repeated for credit.

GLOBAL SECURITY STUDIES (GSS)**GSS 2010 Introduction to Global Security Studies (3)**

Security studies in moving from a purely state-centric focus anchored in the military instrument to one considering transnational issues with global implications, implying collaborative effort to address these issues. Topics include conventional and critical security, gender and age, environmental security, international law, migration, intra-state conflict, terror, and American global power.

GREEK (GREK)**GREK 1010, 1020 Beginning Greek (4 each)**

Prerequisite for GREK 1020: GREK 1010

An introduction, with cultural context, to the ancient Greek language, with emphasis on the written language; elements of Greek grammar and syntax; practice in reading and translation of Classical and New Testament Greek prose.

GREK 1110 Elementary Modern Greek (4)

An introduction to the modern Greek language, with emphasis on speaking, reading, and writing in an immersion experience.

GREK 2010, 2020 Intermediate Greek (3)

Prerequisite for GREK 2010: GREK 1020 or equivalent; prerequisite for GREK 2020: GREK 2010 or equivalent

Further study of ancient Greek with emphasis on increasing mastery of grammar and vocabulary. Readings are in prose in GREK 2010 and from Homer's *Iliad* in GREK 2020.

GREK 3510 Greek Historians (3)

Prerequisite: GREK 2020

Selections from Herodotus, Thucydides, Xenophon or any other of the Greek historians. Topics may include the history of historical prose, stylistic qualities of the various writers, as well as grammatical review.

GREK 3520 Koine Greek (3)

Prerequisite: GREK 2020

Selections from the New Testament, the Septuagint, early Christian writings, and the church fathers. Differences between Attic Greek and Koine will be discussed.

GREK 3610 Greek Drama (3)

Prerequisite: GREK 2020

Readings from Aeschylus, Sophocles, Euripides, Aristophanes or Menander. Some discussion of Aristotle's *Poetics*, background to Greek drama, and the production of Greek plays.

GREK 3620 Greek Philosophers (3)

Prerequisite: GREK 2020

Readings from the pre-Socratics, Plato, Aristotle, et al. Discussion of the history of Greek philosophical writing.

336 Greek (GREK)

GREK 3710 Greek Lyric Poetry (3)

Prerequisite: GREK 2020

Readings from Sappho, Alcaeus, Archilochus, Mimnermus, Pindar, et al. Discussion of the history of the development of lyric poetry and its place in the larger Greek poetic tradition.

GREK 3720 Greek Epic Poetry (3)

Prerequisite: GREK 2020

Readings from Homer's *Odyssey*, Hesiod or Apollonius of Rhodes. Discussion of the history of epic poetry and its place in the larger Greek poetic tradition.

GREK 3810 Greek Rhetoric (3)

Prerequisite: GREK 2020

Readings from Greek orators, including, but not limited to, Lysias, Demosthenes, Isocrates, Andocides, et al. Discussion of the history of rhetoric, rhetorical devices, and the place of rhetoric in the larger Greek literary tradition.

GREK 3910 Hellenistic Prose (3)

Prerequisite: GREK 2020

Selections from Pausanias, Lucian, Longus, Plutarch, et al. Topics may include the development of prose, and the stylistic qualities of the various writers.

GREK 4110, 4120 Independent Study in Greek (3 each)

Prerequisite: *Permission of instructor*

Students study independently in Greek under the guidance of an instructor. Studies are planned to satisfy special individual needs and interests. May be repeated for up to a total of 12 hours.

GREK 4210 Greek Prose Composition (3)

Prerequisite: GREK 2020

Practice in composing connected prose in Attic Greek of the Classical period. Topics may include grammar review, development of Greek prose, the use of rhetorical devices; there may be brief readings from a variety of prose authors in addition to the composition assignments.

HEALTH AND HUMAN PERFORMANCE (HHP)

HHP 1250 Wellness Concepts and Practices (3)

Course combines health-related content knowledge with participation in physical activity. Content areas include fitness concepts, nutrition and weight management, substance use and abuse, prevention of chronic disease, and human sexuality.

HHP 2000 First Aid, CPR, and Safety (3)

Designed to help students recognize and control injury risk factors through an introduction to the public health approach to injury prevention. Includes skills training for certification in CPR, AED, and first aid to provide immediate and temporary care in the event of an injury or sudden illness.

HHP 2010 Technology Applications for Health and Human Performance (3)

Competency in microcomputer applications in instructional process and in management of health, physical education, and sports. Gives hands-on experience in using a variety of hardware and HHP specific software applications.

HHP 2030 Youth and Adolescent Health (3)

Prerequisite/Concurrent Enrollment: HHP 1250

Offers teachers and others working with school-age persons an understanding of key health issues. Focus is on health topics related to family living, including intimacy, reproductive health, and STDs; mental health, including addictive behaviors, stress, and suicide; and injury prevention and safety. Educational and risk reduction strategies are featured.

HHP 2050 Community and Environmental Health (3)

Prerequisite/Concurrent Enrollment: HHP 1250

An examination of the individuals and processes involved in the functioning of public and private community health agencies. The concepts of ecology and how ecological problems affect the quality of a healthful life are also presented.

HHP 2120 Rhythmic Movement and Educational Gymnastics (3)

Scope, content, and skill practice of both the educational gymnastics and rhythmic movement programs will be explored. The student will have the opportunity to demonstrate effective teaching strategies in a laboratory setting. Emphasis is placed on planning and organizing activities in grades K-12.

HHP 2170 Athletic Coaching of Track and Field Events (3)

Individual and team fundamentals for coaching track with specific techniques on running, hurdling, and field events.

HHP 2240 Introduction to Physical Education (3)

Comprehensive instruction to give the student planning to major in physical education an orientation to the scope of physical education and lifetime wellness programs.

HHP 3000 Health Care Management (3)

Prerequisite: sophomore standing or permission of department chair

A study of the principles of effective health-care management functions, including planning, organizing, leading, controlling, and processes of decision making and communication.

HHP 3010 Adapted Physical Education (3)

Prerequisite: sophomore standing or permission of department chair

Abnormalities and atypical cases; identification, with preventive and corrective practices. The theory and practice of planning special physical education and personal fitness and related skills programs for the elementary and secondary levels.

HHP 3030 Nutrition: Science and Application (3)

Prerequisite: sophomore standing or permission of department chair

Introduction to the science of nutrition and application to wellness promotion through the use of dietary assessment tools needed for lifestyle changes.

338 Health and Human Performance (HHP)

HHP 3040 Positive Mental Health and Happiness (3)

This course will examine and explore positive mental health. Underlying theories related to positive emotions and happiness will be examined. A major focus of the course will be on the practice of skills that lead to positive emotions and happiness.

HHP 3050 Coaching Concepts and Issues (3)

Prerequisite: sophomore standing or permission of department chair

This course will cover various coaching strategies and issues. Discussion will consist of coaching different age groups, ability levels and gender. Class discussion will also include how to set up an effective practice session as well as legal issues related to the field of coaching.

HHP 3110 Substance Use and Abuse (3)

Prerequisite: Prerequisite: sophomore standing or permission of department chair

The content and method pertaining to the preventive aspects of chemical dependency. Included will be emphasis on basic pharmacology, causes of drug abuse, possible alternatives, and the role of school and community services.

HHP 3150 Teaching Individual, Dual, and Team Sports (3)

Prerequisite: sophomore standing or permission of department chair

Knowledge of planning, organizing, and teaching individual, dual, and team sports. Additionally, the student will develop abilities in individual, dual, and team sports.

HHP 3180 Introduction to Physical Education in Elementary Schools (3)

The role of PE in child development with emphasis on the study of elementary schools; physical educators and their philosophies, characteristics, and preparation; job opportunities; job satisfaction; special problems in PE at the elementary level; and an overview of activities.

HHP 3190 Rhythms, Plays, and Games for Elementary Children (3)

Prerequisite: sophomore standing or permission of department chair

Designed to provide instruction and experience in basic rhythms, dance games, and movement explorations for the elementary school child.

HHP 3210 Methods and Materials in Physical Education for the Elementary School (3)

Prerequisite: EDUC 2100 and sophomore standing or permission of department chair

A study of developmentally appropriate activities for the elementary child to include movement concepts and basic skills. Emphasis is placed on instructional approaches, feedback, assessment, and class management techniques. Students will observe in the schools.

HHP 3300 Anatomical Kinesiology (3)

Prerequisite: sophomore standing or permission of department chair

Structure, function, and organization of the various tissues, organs, and systems of the human body, anatomic fundamentals of human motion, and the application to a wide variety of motor skills, athletic training, and physical rehabilitation.

HHP 3400 Comprehensive and Coordinated School Health Program (3)

Prerequisite: sophomore standing or permission of department chair

The course will focus on the components of a total school health program, including school health services, safe and healthful school environment, and comprehensive health education. Emphasis will be placed on methods of organizing and implementing a coordinated K-12 school health program.

HHP 3410 Health Disparities (3)

Prerequisite: HHP 2050, WS 2050, SOC 2000-level course or permission of instructor

This course examines the role of the gender, race/ethnicity and class on health status and access to health care in the U.S.

HHP 4000 Introduction to Gerontology (3)

Prerequisite: junior standing or permission of department chair

An overview of the factors influencing the health of the aged and aging.

HHP 4010 Community Recreation (3)

A practical study of materials and methods for recreation leadership in schools and communities.

HHP 4030 Living, Dying, Grieving (3)

Prerequisite: sophomore standing or permission of department chair.

This course is designed to allow students a means by which to examine biological, philosophical, socioeconomic, and cultural viewpoints of living, aging, death and dying, and grieving. A balance of facts, activities, and personally confronting issues are incorporated.

HHP 4040 Sport Psychology (3)

Prerequisite: sophomore standing or permission of department chair

Psychological principles in sports, including motivational techniques, personality factors, communication principles, and anxiety reduction techniques.

HHP 4050 Current Concepts in Wellness Promotion (3)

Prerequisite: sophomore standing or permission of department chair

Designed to help students understand specific concepts of wellness promotion in a variety of community settings. Current methods in designing programs that encourage individuals to take responsibility for their own state of health; thus, changing behavior patterns of at-risk population to behaviors that move toward an optimum wellness status.

HHP 4060 Consumer Health (3)

Prerequisite: junior standing or permission of department chair

A study of fraudulent advertising and practices in the health field, such as healing practices, dietary fads, reducing agents, and other healing arts which now comprise only a portion of the modern "medicine show."

HHP 4070 Introduction to Disease (3)

Prerequisite: junior standing or permission of department chair; BIOL 1010 or 2010

Modern concepts of diseases, including the etiology of common communicable and chronic diseases.

340 Health and Human Performance (HHP)

HHP 4080 Psychological Aspects of Human Sexuality (3)

Prerequisite: junior standing or permission of department chair

The focus is on the human or personal aspect of sexuality. Emphasis is placed on attitudes, emotions, and behavior patterns as related to the development of healthy sexual lifestyles, rather than on the anatomy and physiology of the reproductive system. Students are encouraged to integrate their own life experiences with the academic materials.

HHP 4150 Fitness Assessment and Exercise Prescription (3)

Prerequisite: HHP 4250

An explanation of the importance of exercise in wellness and lifestyle enhancement. Topics covered include exercise prescription, physical fitness assessment, application of training principles, and administration of activity programs in community, corporate, or hospital wellness setting.

HHP 4210 Measurement and Evaluation of Physical Education (3)

Prerequisite: sophomore standing or permission of department chair

Includes an appreciation of the importance of measurement in health and human performance and wellness. The types of tests appropriate for evaluation in health and human performance, as well as fitness assessments, will be covered. Methods of test construction and statistical analysis will be examined and applied.

HHP 4220 Analysis of Movement (3)

Prerequisite: HHP 3300 or BIOL 2010 and junior standing or permission of department chair

Designed to develop a basic understanding of how and where the body moves and what the body can do. Opportunities will be provided to demonstrate an understanding of the mechanical principles and concepts of movement and to apply these concepts of movement.

HHP 4240 Introduction to Motor Learning (3)

Prerequisite: sophomore standing or permission of department chair

The study of the application of psychological and physiological principles to learning motor skills and strategies.

HHP 4250 Physiology of Exercise (3)

Prerequisite: sophomore standing or permission of department chair; prerequisite or corequisite required course: HHP 3300 or BIOL 2010

Constitutes the scientific basis of physical activity and the development of physical training programs. Factors affecting muscle contraction, nervous control of muscular activity, effects of exercise on body function, muscle strength, fatigue and recovery, and weight management will be studied.

HHP 4300 Introduction to Stress Management (3)

Prerequisite: sophomore standing or permission of department chair

An introductory study of stress, stressors, and stress intervention techniques. This course complements other health offerings by giving students the opportunity to learn about stress as related to current health problems.

HHP 4400 Teaching Health and Human Performance (3)

Prerequisite: EDUC 3070, Milestone II or permission of department chair

Methods and materials for teaching health, physical education, and lifetime wellness. Emphasis is placed on structuring units of work, lesson plans, evaluation and organization, and development of health, physical education, and lifetime wellness programs. Students will observe in schools.

HHP 4444 Cultural Context of Health and Human Performance (3)

Prerequisite: junior standing

Capstone to integrate aspects of the Liberal Arts core with topics in health and wellness, physical education, and sports.

HHP 4500 Epidemiology (3)

Prerequisites: HHP 4070, junior standing or permission of department chair

Examination of epidemiological concepts in relation to specific public health issues. Disease investigation techniques, causal factors, case histories, and related biostatistics are examined and educational implications are discussed.

HHP 4600 Public Health Law (3)

Prerequisite: HHP 3000 and junior standing or permission of department chair

The study of federal and state legal systems affecting health-care administration and wellness promotion programs.

HHP 4910, 4920, 4930 Special Problems in Health and Human Performance (1, 2, 3)

Prerequisite: Permission of department chair

An independent study providing students with the opportunity to pursue a health-related topic not offered as part of the general curriculum. Health-related topics outside of major emphasis will be encouraged to broaden students' perspective.

HHP 4990 Internship in Health and Human Performance (12)

The internship consists of 360 work or contact hours of observation and participation from selected agencies, corporations, or organizations. Pass/Fail grade.

NOTE: Student must be within 12 hours of finishing degree requirements after completing HHP 4990, except with permission of department chair.

HISTORY (HIST)**HIST 121A Independent Study: Early World History (1)**

Student will consult with the supervising professor and read selected readings in World History. Evaluation may be either oral or written, depending on the judgment of the supervising professor.

HIST 1210 World History I (3)

(course renumbered from HIST 1010)

Earliest civilizations of Mesopotamia, Egypt, India, China, and the Aegean; classical civilizations of Greece and Rome; medieval civilizations of the Middle East, India, East Asia, and Western Europe; Africa and the Americas before European contact; the Renaissance; the Reformation; wars of religion; and age of exploration.

342 History (HIST)

HIST 122A Independent Study: Modern World History (1)

Student will consult with the supervising professor and read selected readings in World History. Evaluation may be either oral or written, depending on the judgment of the supervising professor.

HIST 1220 World History II (3)

(course renumbered from HIST 1020)

European interactions with the people of Asia, Africa, and the Americas from 1660; absolutism, the Scientific Revolution and the Enlightenment; civilizations of Africa, the Middle East, and Asia; the French Revolution; the Industrial Revolution; nationalism; zenith and decline of European hegemony; 20th century wars and ideologies.

HIST 1500 East Asia through The Ages (3)

This course will cover the history of East Asia from prehistoric times to the present. One major theme of this course will be transmission, particularly who China dominated in pre-modern times, and how the direction of transmission reversed itself with Japan's ascendance.

HIST 201A Independent Study: Early American History (1)

Student will consult with the supervising professor and read selected readings in American History. Evaluation may be either oral or written, depending on the judgment of the supervising professor.

HIST 2010 American History I (3)

Early exploring and colonizing activities; colonial customs and institutions; colonial wars; friction with England; war for independence; problems of the new republic; the Constitutional Convention; War of 1812; new nationalism; Jacksonian democracy; expansionism and Manifest Destiny; and sectional controversy and Civil War.

HIST 202A Independent Study: Modern American History (1)

Student will consult with the supervising professor and read selected readings in American History. Evaluation may be either oral or written, depending on the judgment of the supervising professor.

HIST 2020 American History II (3)

Reconstruction; industrialism; the Populist Revolt; politics of the Gilded Age; the New Imperialism and the Spanish-American War; the Progressive era; World War I; prosperity and depression; the New Deal; World War II; and post-World War II era to present.

HIST 2030 History of Tennessee (3)

From the colonial frontier of the 18th century to the modern urban setting. Emphasis will be placed on the political, economic, and social factors that shaped the life of Tennesseans in the 18th, 19th, and 20th centuries.

HIST 2040 History and Environmental Impact of Technology (3)

This course examines the history of technology, with an emphasis on the positive and negative effects of technological innovation on the environment. Normative questions concerning the value of nature, species, and ecosystems and various theoretical approaches to distinguishing good and bad technology will be covered.

HIST 3300 Ancient Greece (3)

The Bronze Age civilizations of Knossos, Mycenae, and Troy; the world of Homer; the rise of the city-state; Sparta; the Persian Wars; Athenian democracy and imperialism; literature, art, and philosophy in the Age of Pericles; the Peloponnesian War; and the conquests of Alexander the Great.

HIST 3310 Ancient Rome (3)

The origins of Rome; Etruscan influences; Roman institutions and values; the rise of Rome to world Empire; social and political conflicts; the change from free Republic to imperial despotism; the Pax Romana; the persecution of Christianity; barbarian invasions; and the decline of Rome.

HIST 3320 The Middle Ages After 700 (3)

Major themes in medieval history from 700 a.d. to the Renaissance. Emphasis on the medieval church; Islam; the Carolingians and their empire; seigniorialism and feudalism; crusades; revival of urban life and commerce; learning and the universities; the papacy; and the decline of medieval institutions.

HIST 3330 Renaissance and Reformation (3)

Early modern European society and culture from approximately 1350 to 1650. Topics include the “new learning” and the “new men” of the Renaissance; the development of the nation-state and commercial capitalism; the era of overseas exploration and discovery; the early forms of Protestantism; and the Counter-Reformation.

HIST 3340 Absolutism and the Enlightenment (3)

The political, economic, and intellectual history of Europe, from approximately 1650 to 1789. Emphasis is on the development and practice of Absolutism; the influence of the Scientific Revolution; and the impact of the Enlightenment on social and political thought.

HIST 3350 Modern Europe, 1789-1919 (3)

The French Revolution and Napoleon; 19th century liberalism and nationalism; the 1848 revolutions; the unification of Italy and Germany; the Russian revolutions; and World War I.

HIST 3360 Modern Europe, 1919-present (3)

The aftermath of World War I; Communist Russia; the Great Depression; Fascism and Nazism; World War II; the Cold War in Europe; and the fall of Communism.

HIST 3370 European Military History, 1789-1945 (3)

The development of military strategy, tactics, and technology in Europe from the French Revolution to the end of World War II.

HIST 3380 Medieval England (3)

Prehistoric and Roman Britain; Anglo Saxon invasions; heptarchy; Norsemen; Norman invasion and its Impact; development of medieval English institutions; Tudors; Stuarts; and political, social, religious, constitutional, and economic developments in English history to 1714.

344 History (HIST)

HIST 3390 Britain Since 1714 (3)

From the accession of the Hanoverians to the mid-20th century. The establishment of the Hanoverian dynasty, industrial revolution, and the rise of Methodism; the defeat of the French Revolution and Napoleon; Victorian era; new imperialism; Boer War; World Wars I and II; and political, social, economic, religious, intellectual, and constitutional developments.

HIST 3410 Modern Germany (3)

German history from the rise of Prussia in the 17th century through German unification, both World Wars and the post-World War II recovery. Topics of particular concern are militarism, nationalism, anti-Semitism, and democracy.

HIST 3440 Africa to 1800 (3)

An exploration of the origin of humanity and the development of the societal institutions which sustained and perpetuated human civilization from its beginning to 1800 A.D. A survey of Africology from ancient Egypt to the rise of modern nation-states, and an examination of peoples and cultures up to 1800 A.D.

HIST 3450 Africa Since 1800 (3)

An explanation of the major themes, peoples, and cultures in 19th and 20th century Africa, from the impact of European involvement to the rise of independent African states, with great emphasis upon how Africa was restored to African rule and Africa's role in world affairs.

HIST 3460 Colonial Latin America (3)

In-depth study of the great Pre-Columbian civilizations; Spanish conquests; the formation of the early Spanish state; imperial expansion; development of multi-cultural, transatlantic societies; reorganization of the Spanish Empire; and revolutions for independence. Emphasis upon the Native American component and Spanish and Portuguese colonial institutions.

HIST 3470 Modern Latin America (3)

In-depth study of the caudillo systems; creation of the Brazilian Empire; consolidation of nation states; growth of plantation economies; industrialization; dictatorships; and political and social change from independence through the present. Emphasis upon modern Mexico, Argentina, Brazil, and Chile.

HIST 3480 The Early Middle Ages (3)

The Mediterranean world in Late Antiquity and the Early Middle Ages, from the second to the 8th century; the decline of the Roman Empire; the triumph of Christianity; barbarian invasions; the Byzantine Empire; the rise of Islam; Arab conquests; the Umayyad Empire; Visigothic, Merovingian, and Anglo-Saxon kingdoms.

HIST 3520 A History of Modern China (3)

This course provides a study of Chinese history from the revolution to present. Topics include Confucianism, feudalism, imperialism, communism, Buddhism, literature, gender, ethnicity, and cultural identity. Class meetings consist of lectures, discussions, and films.

HIST 3620 Modern Japan (3)

A critical examination of Japanese history from 1854 to present. Topics include the Meiji Restoration; the process and consequences of Modernization and Modernity; the rise of militarism; the road toward WWII and its aftermath; and social, political, and economic transformation in the post-war period.

HIST 3760 History of the Middle East (3)

A survey of the history of the area since the emergence and spread of Islam, this course focuses primarily on the historical, economic, and social developments of the Middle East in the 19th and 20th centuries. Emphasis is on Arab world, Turkey, Iran, and Israel.

HIST 3820 History of Modern Korea (3)

A critical examination of Korean history, 19th century to the present. Topics include clashes between tradition and modernization; relationship with China and Japan; internal and external struggles for independence; and causes and effects of two Koreas.

HIST 4410 Teaching History in the Middle School (3)

Prerequisite: Milestone II completion

This course will emphasize developing teaching units and lesson plans, evaluating and assessing student learning, individualizing instruction, engaging students through a variety of teaching strategies, using technology to enhance instruction and creating and managing the classroom environment. A minimum of 15 hours field experience is required.

HIST 4500 The Colonial Era in America, 1607-1763 (3)

Cultural, social, economic, and political development of Anglo-American colonies to the eve of the Revolution. Topics include settlement patterns; Indian relations; Puritanism; origins of slavery; demography; imperial government and warfare; the Enlightenment; and the Great Awakening.

HIST 4510 Era of the American Revolution, 1763-1800 (3)

The origins, characteristics, and results of the American Revolution. Topics include the Whig political tradition; protest movements; War of American Independence; formation of state and national constitutions and governments; the Federalist years; and the "Revolution of 1800."

HIST 4520 The Early Republic, 1800-1845 (3)

The early republic from Jefferson's election in 1800 through the expansionist period of the Jacksonian years that led up to the Mexican War.

HIST 4530 The Civil War Era in America, 1845-1865 (3)

The Mexican War; the breakdown of national unity over slavery, states' rights, and economic and social differences; the Civil War, with emphasis on its military, political, and economic aspects.

HIST 4540 Gilded Age America, 1865-1900 (3)

The aftermath of the American Civil War and the struggle over reconstruction; the transformation of the U.S. into an urban and industrial nation in the last third of the 19th century; and the social and political consequences of that transformation.

346 History (HIST)

HIST 4570 United States, 1900-1929 (3)

Early 20th-century America from the era of reform to the Stock Market Crash. Topics include the reform presidencies of Roosevelt and Wilson; American entry into World War I; Harlem Renaissance; cultural and economic challenges of the 1920s; and the Republican presidencies of the era.

HIST 4580 United States, 1929-1960 (3)

United States history from the onset of the Great Depression to the promise of a New Frontier; an examination of the New Deal-Fair Deal programs and legacies in American life; the international issues which created World War II and its aftermaths; and the Cold War.

HIST 4590 United States, 1960-1989 (3)

United States history from the days of the New Frontier of John F. Kennedy to the New World Order of the Reagan-Bush years; from the politics of fear to the dividends of peace; an examination of the United States at war with itself and the world for more democracy at home and abroad.

HIST 4620 The South to 1861 (3)

A synthesis of the economic, social, political, and cultural developments that shaped the history of southern states, from the Colonial period after 1607 to the secession crisis of 1860-61.

HIST 4630 The South Since 1861 (3)

The historic development of the South from 1861 to the present, from the trauma of Civil War and the First Reconstruction through the Second Reconstruction of the 1960s and the creation of the modern South.

HIST 4650 African American History to 1890 (3)

The African Americans from the cultural roots in Africa to the changing economic, political, and social status in the 1890s. Emphasis will be placed on those African Americans who were active in leadership roles from the colonial era to the Gilded Age.

HIST 4660 African American History Since 1890 (3)

African Americans from 1890 to the present. Special emphasis placed on the civil rights movement, Black nationalism, and Black leadership during the era.

HIST 4670 Women in American History (3)

The roles of women in the social, economic, and political development of the United States; contributions of women and the historical significance of their attitudes in the liberal reform eras in American history.

HIST 4700 American Military History to 1919 (3)

The development and employment in peace and war of American military power, on land and at sea, from the era of the American Revolution to the end of World War I.

HIST 4710 American Military History Since 1919 (3)

The development and employment in peace and war of American military power on land, at sea, and in the air since World War I.

HIST 4730 U.S. Foreign Relations Since 1890 (3)

America's rise to the status of Great Power before World War II and global preeminence thereafter. Topics include colonialism, American involvement in World War I, interwar diplomacy, conflicts leading to World War II and the Cold War, Korea, and Vietnam.

HIST 4750 American Economic History (3)

American economic growth since the early 19th century. Topics include the American System, textiles, Railroads, and iron and steel in the last century; since 1900, mass production and consumption, the economic stimulus of war, and the rise of the interventionist state are major topics.

HIST 4760 Native American History (3)

The history of the Native American societies of North America, including their prehistory, development, changing relationships, and adaptation to white society over the past 400 years; role of Native Americans in American history; and Indian history from the tribal perspective. Case studies compare and contrast the Cherokee and Lakota experiences.

HIST 4770 History of the American West: Comparative American Frontiers (3)

Comparison and contrast among the Spanish Borderlands, French, Dutch, English, and American frontiers.

HIST 4780 History of the American West: Trans-Mississippi West (3)

The Trans-Mississippi West, including Native America, exploration, fur trade, hispano-Indian-white relations, western expansion, mining frontier, cattle frontier, military conquest of the plains, violence, reservation life, women in the West, farming frontier, myth vs. reality, and the 20th-century West.

HIST 4790 The Military in Nontraditional Roles (3)

This course addresses non-combat roles performed by the U.S. Military. The occupation of Germany and Japan after WWII, state building, and peace-keeping missions around the globe will be evaluated; demoralization and cultural re-orientation through political, educational, cultural, and economic institutions.

HIST 4800 Studies in Liberal Arts (3)

A writing intensive course based on readings in the Liberal Arts. This is the capstone course for students majoring in Liberal Arts.

HIST 4900 Topics in History (3)

Prerequisite: junior standing or permission of instructor

This seminar addresses a specific historical topic, determined by the instructor, involving advanced readings, discussion, and research. The student will complete a thesis, using primary and secondary sources or historiographic paper, engaging two or more historians on the topic. This course may be taken twice for credit for a maximum of six (6) hours.

HIST 4910 History Abroad (3-6)

Prerequisite: junior standing or permission of instructor

This course involves temporary residence outside the U.S. to study an historical topic in its geographic context. Students will complete a research, using primary and secondary sources or historiographic paper, engaging two or more historians on the same topic.

348 History (HIST)

HIST 4920 Oral History (3-6)

Prerequisite: junior standing or permission of instructor

Theory and practice of oral history as a technique of research. Students will use primary sources and interviews to study a topic determined by the instructor. Students will complete a paper extensively using and interpreting oral history sources.

HIST 4930 Historiography Credit (3)

Prerequisite: junior standing or permission of instructor

This seminar is a study of the history and problems of historical writing and interpretation. Typical topics might include romantic history, ancient historians, Scientific Historicism, or current models and interpretations. Students will complete at least one paper engaging two or more historians' styles or arguments on the same topic.

HIST 4940 Public History (3-6)

Prerequisite: junior standing or permission of instructor

This seminar/internship introduces students to theory and methods of public history. Topics could include archives and records management; historical preservation and interpretation of site and artifacts; and editing and publishing. Students will complete a public history project satisfactory to the instructor and useful to the institutions to which the students are assigned.

HIST 4950 Teaching Social Studies in the Secondary Schools (3)

Prerequisite: Milestone II completion

Emphasis on developing skills in unit development; lesson planning and modification for diverse learners; individualized instruction and formal discussions; teaching critical thinking, reading in the content fields, and affective strategies; formative and summative assessment; and classroom management. A minimum of 15 hours of field experience is required.

INTERNATIONAL STUDIES (INTS)

INTS 2000 Introduction to International Studies (3)

An emphasis on different disciplines and their global influences. Students will learn how to prepare themselves for understanding challenges and establishing international connections for their future professional and career opportunities.

INTS 3000 Study Abroad (12-18)

Provide appropriate credit for students studying full-time abroad under the supervision of qualified faculty.

JAPANESE (JAPN)

JAPN 1010, 1020 Elementary Japanese I & II (4 each)

Introduction to Japanese language and culture with emphasis on oral communication. Extensive practice in reading, writing, speaking, and listening.

JAPN 2010 Intermediate Japanese I (3)

Prerequisite: JAPN 1020 or equivalent

Comprehensive review of Japanese along with extensive reading, close textual examination, and discussion of representative works of Japanese literature.

JAPN 2020 Intermediate Japanese II (3)

Prerequisite: JAPN 2010 or equivalent

Comprehensive review of Japanese along with extensive reading, close textual examination, and discussion of representative works of Japanese literature.

LATIN (LATN)**LATN 1010, 1020 Elementary Latin (4 each)**

Prerequisite for LATN 1020: LATN 1010

An introduction, with cultural context, to the sounds and structures of the language with emphasis on the written; in second semester, greater stress on grammar, expanded vocabulary, and translation skills, both oral and written.

LATN 2010, 2020 Intermediate Latin (3)

Prerequisite for LATN 2010: LATN 1020 or equivalent; *Prerequisite for LATN 2020:* LATN 2010 or equivalent

Further study of Classical Latin with emphasis on increasing mastery of grammar and vocabulary. Readings are in prose in LATN 2010 and from Vergil's *Aeneid* in LATN 2020.

LATN 3510 Latin Historians (3)

Prerequisite: LATN 2020

Selections from Sallust, Caesar, Livy, Tacitus, Suetonius, or any other of the Latin historians. Some discussion of the history of historical writing in Rome, stylistic peculiarities of the various authors, and the place of historical writing in the broader literary context of ancient Rome.

LATN 3610 Latin Drama (3)

Prerequisite: LATN 2020

Selected readings from the plays of Plautus, Terence or Seneca. Discussion of the drama as a literary form, conventions of the Roman theater, Greek predecessors, and the practical side of play production.

LATN 3620 Latin Letters (3)

Prerequisite: LATN 2020

Selected readings from the letters of Cicero and/or Pliny the Younger. Some discussion of the letter as a literary form, epistolary style and syntax, Greek predecessors, and the practical side of letter writing in antiquity.

LATN 3710 Latin Lyric Poetry (3)

Prerequisite: LATN 2020

Readings from Catullus, Tibullus, Propertius, and other Latin lyric poets. Discussion of the history of the development of lyric poetry, including Greek precedents, and its place in the larger Latin literary tradition.

LATN 3720 Later Latin Epic (3)

Prerequisite: LATN 2020

Selected readings from the poems of Ovid, Statius, or Lucan. Discussion of the development of epic poetry in the first century a.d. with reference to the epic tradition.

350 Latin (LATN)

LATN 3810 Latin Rhetoric (3)

Prerequisite: LATN 2020

Readings from Roman orators, primarily Cicero. Readings may include selections from rhetorical works such as the *De Oratore* and the *Rhetorica* and *Herennium* as well. Discussion of the history of rhetoric, rhetorical devices, and the place of rhetoric in the larger Latin literary tradition.

LATN 4110, 4120 Independent Study in Latin (3 each)

Prerequisite: permission of the instructor

Students study independently in Latin under instructor's guidance. Studies are planned to satisfy special individual needs and interests. May be repeated for up to a total of 12 hours.

LATN 4210 Latin Prose Composition (3)

Prerequisite: LATN 2020

Practice in composing connected prose in Latin of the Classical period. Topics may include grammar review, the development of Latin prose, and the use of rhetorical devices; there may be brief readings from a variety of prose authors in addition to the composition assignments.

LATN 4300 The Roman Novel (3)

Prerequisite: LATN 2020

Selected readings from Petronius or Apuleius. Discussion of the ancient novel tradition, including Greek predecessors and such later authors as Dictys Cretensis and Julius Valerius.

LATN 4310 Medieval Latin (3)

Prerequisite: LATN 2020

Selected readings of Latin authors from c. 500 to 1500 A.D. Readings may include both prose and poetry. Study of the development of Latin throughout this period, including some discussion of the breakdown into the vernacular Romance languages.

LATN 4410 Latin Satire (3)

Prerequisite: LATN 2020

Selected readings from the poems of Horace, Martial, or Juvenal. Discussion of the development of satire and its place in the Latin literary tradition.

LEADERSHIP STUDIES (LDSP)

LDSP 1000 Introduction to the Study of Leadership (1) - PELP students only

Introduces students to the basic concepts of leadership, followership, volunteerism, and group dynamics, and assists students to develop a heightened self-awareness of their leadership potential.

LDSP 1005 Community Organizations (1) - PELP students only

Examines the structures of community organizations, governmental agencies, and other institutions as they relate to community activities. Included will be discussions of change in organizations, utilizing community resources. Students will be expected to spend some time in the field learning about community organizations.

LDSP 2000 Ethics in Leadership (1) - PELP students only

From Plato to the present, it has been argued that good leaders are good persons, individuals of good character who are able to apply sound reasoning to issues of private and public morality. Topics included will be ethical issues confronted by great leaders, the principles used in their decision making, and application of ethical principles to community situations.

LDSP 2001 Communication Skills (1) - PELP students only

Methods of communication (verbal, non-verbal, and written), barriers to communication, perceptions, styles of communication, conflict prevention and resolution, and skills for leading an effective meeting. The course will include theory and application of ideas presented in a variety of didactic and experiential activities.

LDSP 3000 Leadership Development (3)

This course is open to all APSU students is designed to expose leadership students to the basic concepts in leadership theory and group dynamics; to assist students in developing and improving skills in communication. Group dynamics, goal setting, decision making/problem solving, conflict resolution, and leading effective meetings; to enhance the student's understanding of the characteristics of past and present successful leaders, and to apply this understanding to their own leadership development.

LDSP 3001 Leadership Issues I (1) - PELP students only

Students will choose a community mentor and meet with the mentor on a regular basis. Students will spend at least 20 hours with their mentor addressing practical application of leadership concepts. Readings related to the topic will be required.

LDSP 3002 Leadership Issues II (1) - PELP students only

Continuation of 3001.

LDSP 3100 Organizational Dynamics, Politics, and Change (3)

This course, open to all APSU students, takes an interdisciplinary look at leadership and change in organizations and groups. Students are exposed to structural, cultural, and political challenges that leaders face. Designed to help one understand sources of power and authority; various theories of organizational development and leadership strategies are explored for uses in dealing with complex situations and settings.

LDSP 3200 Community Leadership, Strategy, and Social Change (3)

This course, open to all APSU students, explores basic concepts of strategic leadership in civic and social organizations. Topics include social and civic entrepreneurship, civil society, community visioning, and grass roots strategic planning. Course participants will pursue strategies for building healthy and sustainable communities through asset building, collaboration, social capital development, fundraising, and grant writing.

LDSP 4000 Internship in Leadership (3)

Prerequisites: appropriate preparation courses and permission of the director

Students will complete 100 clock hours of supervised work in an approved setting and will be expected to meet at regular intervals with the Director to discuss work in the field. Application for internship should be made with the Director the semester prior to planned enrollment.

352 Leadership Studies (LDSP)

LDSP 4001 Great Leaders (1) - PELP students only

Studies of biographies of “models of greatness” will help students discover the characteristics of individuals which contributed to their outstanding accomplishments. Students will draw implications from these studies about their own abilities and skills.

LDSP 4200 Leadership, Technology, and Change (3)

This course, open to all APSU students, examines how the leader of any type of organization deals with technology as an agent of change. Students investigate how technology changes organizations and their environments, and they formulate strategies for leading diverse groups through technological change.

LINGUISTICS (LING)

LING 3010 Greek and Latin Etymology (1)

Origin and derivation of words from Greek and Latin stems most frequently found in the English language; exercises and drills to increase vocabulary; no foreign language prerequisite.

LING 3030 International Learning Community (1)

Students will engage in cross-cultural and linguistic activities with other students in the classroom. Activities are related to language learning, study abroad and other international experiences. Pass/Fail grading. May be repeated for credit.

LING 4010 History and Etymology of English (3)

Prerequisites: ENGL 1010, 1020, 2030

Linguistic and historical development of the English language; origin and derivation of words from Greek and Latin stems most frequently found in the English language; exercises and drills to increase vocabulary.

LING 4020 History of American English (3)

Prerequisites: ENGL 1010, 1020, 2030

The diachronic evolution of American English from World War II to the present. The focus is also on language awareness in standard English, prejudice and discrimination in language usage, cultural diversity, gender, politics, law, and in such topics as euphemism, taboo, censorship, media, and advertising.

LING 4040 Structure and Dialects of American English (3)

Prerequisites: ENGL 1010, 1020, 2030

History and development of the science of descriptive linguistics, including consideration of its application to the teaching of English; an overview of American dialects with close attention to proper use of the International Phonetics Alphabet.

LING 4050 English Grammar and Usage (3)

Prerequisites: ENGL 1010, 1020, 2030

Fundamentals of predication: verbs, verbal clauses, nouns, pronouns, and terminology. Style and usage of verbal expression in standard English exemplified in the national media. Emphasis on enunciation, accent, pace, phrasing, use of idiom and slang, and the more

admired options of speaking.

LING 4060 Survey of Early Germanic Languages (3)

Prerequisite: ENGL 1010, 1020, 2030

Introduction to characteristic linguistic features of Gothic, Old Norse, Old Saxon, Old English, Old Frisian, Old Low Franconian, Old High German; examination of relationships between members of the early Germanic language family; overview of cultural/historical backgrounds of speakers of these early languages.

LING 4400 Teaching Foreign Languages in Secondary School (3)

General and specific problems involved in teaching foreign languages at the secondary level. Activities include demonstrations in applied linguistics as well as discussions, observations, field experiences, classroom practice, and individual projects.

MANAGEMENT (MGT)**MGT 3010 Principles of Management and Organizational Behavior (3)**

Prerequisites: junior standing; business majors must also meet the BBA admission requirements

The basic concepts and principles of management and organizational behavior are considered. Within the framework of planning, organizing, leading, and controlling human behavioral aspects of management are explored. Some of these are interpersonal relations, group dynamics, power and conflict, motivation, leadership, culture and organizational change.

MGT 3110 Organization Behavior and Theory (3)

Prerequisite: MGT 3010

An analysis of individual, interpersonal, and group behavior within organizations, as well as the interplay of human, technological, structural, cultural, and environmental factors for the purpose of relating them to the practice of management.

MGT 3210 Human Resource Management (3)

Prerequisite: MGT 3010 or HHP 3000 or permission of instructor

The staffing function of the organization, including the processes and legal issues of recruitment, selection, training, development, compensation, safety, health, performance appraisal, and retention of personnel.

MGT 3610 Entrepreneurship (3)

Prerequisite: MGT 3010

An in-depth study of the entrepreneurial process. Through the development of a business plan and financial projections, the student will gain an understanding of the entrepreneurial process which is critical to success in the small business sector. Emphasis will be placed upon the start-up and the knowledge required in management, finance, and marketing to insure success in a new venture. The impact of technology and the global and diverse workforce will be examined.

MGT 4000 Issues in Free Enterprise (3)

Prerequisite: junior standing or admission to the BBA program

Special topics in the area of free enterprise; topics may vary from time to time according to the specialty of the Chair of Excellence in Free Enterprise.

354 Management (MGT)

MGT 4010 The Evolution of Management Thought (3)

The development of management theories and practices during the twentieth century. Emphasis will be placed on developing an understanding of the primary management schools of thought and their impact upon the modern workplace. The influence of societal forces and world events on the evolution of management thought and principles will also be examined.

MGT 4110 International Management (3)

Prerequisites: MGT 3010, junior standing

A critical investigation of cultural aspects of living and engaging in business in non-U.S. locations. Major topics include individual and group behavior within the cultures, environments, and infrastructures of various countries in which the increasing globalization of business enterprise requires sensitivity and adaptation of Americans in business. Term paper required.

MGT 4810 Strategic Management (3)

Prerequisites: senior standing and completion of BLAW 3300, MGT 3010, MKT 3010, FIN 3010, QM 3110
Capstone course encompassing analysis of the dynamic interplay of threats and opportunities in corporations' external environments with strengths and weaknesses in corporations' internal environments that affect corporate decision making about long-term performance. Teamwork, written reports, and team presentation may be required. Analytical conclusions to be supported with approved sources.

MGT 490A, B, C Special Problems in Management (1, 2, 3)

Prerequisites: MGT 3010, senior standing, and permission of instructor

Application of the scientific method to business problems which are of interest to both faculty and students, and are academically relevant.

MANAGEMENT INFORMATION SYSTEMS (MIS)

MIS 1200 Business Information Technology (3)

Use of computers to solve business problems and hands-on experience with computer hardware and system and analytical software applications.

MIS 4100 Management Information Systems (3)

Prerequisite: admission to the BBA program

Course focuses on the management and effective use of information resources by organizations and individuals in support of decision making. Topics include data communications, system specification and purchase, system development and documentation, and the effects of technological change on individuals and organizations.

MARKETING (MKT)

MKT 3010 Principles of Marketing (3)

Prerequisites: junior standing; business majors must also meet the BBA admission requirement

A critical survey of functions, principles, processes, institutions, and trends involved in the process of organized exchange. The strategic manipulation of product, distribution price, and promotional variables is emphasized relative to identified market needs, market satisfaction, and product positioning. Relationship marketing is emphasized.

MKT 3110 Salesmanship (3)

Prerequisite: MKT 3010

An in-depth examination and study of the selling process. Both the theory and practical applications of selling skills will be examined and discussed. The student will have the opportunity to learn the basic skills of prospecting, developing a sales presentation, trial closes, overcoming objections, and closing. The skills learned will be applied by making a sales presentation.

MKT 3210 Retailing Management (3)

Prerequisite: MKT 3010

A study of the development and present status of the retailing structure with emphasis on unit location, organization, operation, management, display, traffic flow, inventory control, distribution, and evaluation from a marketing perspective. A retail project or simulation is required.

MKT 3310 Sales Management (3)

Prerequisite: MKT 3010

A study of the tasks and functions of the sales manager. Emphasis will be placed upon recruiting, training, motivating, and supervising a sales force. Textbook study and lectures will be supplemented by role playing in each of the emphasized areas. Students will also learn the skills necessary to develop sales forecasts, territory design, and territory management.

MKT 3410 International Marketing (3)

Prerequisite: MKT 3010

Study of managerial marketing policies and practices of firms marketing their products and services in foreign countries. An analytical survey of institutions, functions, policies, and practices in international marketing relative to the marketing structure and environment of foreign countries. A country study is required in paper form.

MKT 3510 Consumer and Market Behavior (3)

Prerequisite: MKT 3010

A critical study of market behavior and the social psychological aspect of the purchase act with application to marketing problems. Topics include models of consumer behavior learning, perception, attitude, personality, demographics, psychographic, and their assessment relative to marketing communication. Social and cultural influences on market behavior and exchange are emphasized.

MKT 3610 e-Commerce I (3)

A look at tools and technologies needed for Electronic Commerce. Business opportunities, challenges, and strategies for use of the Internet will be explored. Strategies and vision on the national and global information infrastructure will be discussed. A live Website (personal first, then a business) and database beginnings for ordering capabilities will be individually built. Impacts of the electronic market, changes in company missions, security issues and other related topics are covered.

MKT 3620 e-Commerce II (3)

Continuation of GB3010; including advanced website development database design. Shopping cart type entry data input for order pick sheets and customer invoicing. Development of e-commerce site documentation. Advanced course designed to provide a current state of the internet, origin and growth of e-commerce, differences and similarities between e-commerce and traditional commerce, and the relationship of e-commerce to the Internet.

356 Marketing (MKT)

MKT 3710 Business Mapping (3)

An in-depth examination and study of the spatial analysis of business information. Course content will consist of both the theory and practical application of geographical information systems in solving business problems. The emphasis of the course will be to develop a working knowledge of GIS software, basic cartographic principles, data sources, and a cognizance of the spatial relationship inherent in business data. Skills and knowledge obtained during the course will be refined through their application to business situations applicable to spatial analysis.

MKT 3800 Transportation Operations (3)

This course is concerned with the management of both domestic and international types of transportation, and the roles that various modes of transportation play in getting goods and services to the intermediate and/or end user. Included are studies of the varied areas of transportation management and includes its relationship with other business areas like accounting, finance and production. Topics included are shipment planning and documentation (both domestic and international), freight loss and damage claims, line/staff functions of traffic management, price determination, regulated and unregulated environments and legal influences. Emphasis is placed on the international aspects of transportation functions.

MKT 4000 Issues in Free Enterprise (3)

Prerequisite: junior standing or admission to the BBA program

Special topics in the area of free enterprise; topics may vary from time to time according to the specialty of the Chair of Excellence in Free Enterprise.

MKT 4100 e-Commerce Supply Cycles (3)

This course studies supply chain and distribution activities, and develops the shipping cycle from form entry through delivery to the customer. E-Distribution and e-Supply Chain activities are covered.

MKT 4150 Industrial Marketing (3)

Prerequisite: MKT 3010

Problems involved in marketing materials, equipment, services, supplies, and components to the industrial and institutional markets are discussed. Purchasing, institutional economics, pricing, promotion, distribution, and the case study method are emphasized relative to rational buying motives.

MKT 4200 Logistics (3)

A study of managing activities related to traffic, transportation, inventory management and control warehousing, packaging, order processing, and materials handling from a technological standpoint. Attention is placed on information systems for logistics, focusing on application to logistics management.

MKT 4310 Advertising and Promotional Strategy (3)

Prerequisite: MKT 3010

A critical evaluation of the promotional element in marketing communications relative to personal selling, advertising, sales promotion, and public relations activities. Strategic emphasis is placed on the development of the advertising plan, including objectives, budget, media selection and scheduling, creativity, and the evaluation of results via advertising research. A project is required.

MKT 4450 Marketing Research (3)

Prerequisites: MKT 3010, QM 3110

A critical study of the process, principles, and functions involved with the research process and product. Topics include research design, sampling, questionnaire design, statistical manipulation and inference, data collection, and research results preparation and presentation. Actual research projects are conducted and presented to the clients.

MKT 4800 Marketing Management (3)

Prerequisites: MKT 3010, 3210, 4310, 4450

The capstone course in marketing, emphasizing the strategic manipulation and integration of product, distribution, pricing, and promotional elements. Marketing policy is determined in a variety of product/ service/marketing situations using appropriate projects, case studies, and simulations.

MKT 490A, B, C Special Problems in Marketing (1, 2, 3)

Prerequisites: MKT 3010, *senior standing or permission of instructor*

Individual research and analysis of contemporary problems, issues and opportunities in concentrated areas of study under the guidance of a faculty member. The application of academic and theoretical constructs to specific problems and issues is emphasized.

MATHEMATICS (MATH)**MATH 1010 Mathematical Thought and Practice (3)**

Prerequisite: a mathematical background equivalent to high-school Algebra I, Geometry, and Algebra II

This course examines how different areas of mathematics explain and shape our world, as well as how we view and experience it.

MATH 1110 Algebraic Problem Solving (3)

Prerequisites: High School Algebra I, Algebra II, Geometry and ACT of 19 or above

Students will learn important aspects of functions and their representations from a problem solving viewpoint. The primary emphasis is meaningful use and interpretation of the language, symbols, and concepts of functions and their representations.

MATH 1410 Structure of Mathematical Systems (3)

Prerequisites: a mathematical background equivalent to high-school Algebra I, Geometry, and Algebra II

Topics include the rational number system, functions, algebra, and number theory.

Emphases are problem solving, number sense, and communicating mathematics concepts with language, symbols, and concrete and pictorial representations.

MATH 1411 Structure of Mathematical Systems Lab (1)

Corequisite: MATH 1410

Elective mathematics laboratory for students desiring extra assistance with MATH 1410. Lab instruction will focus on problem solving. Grading on a pass/fail basis.

358 Mathematics (MATH)

MATH 1420 Structure of Mathematical Systems (3)

Prerequisite: a mathematical background equivalent to high-school Algebra I, Geometry, and Algebra II
Topics include proportionality, the real number system, probability, data analysis, geometry, and measurement. Emphases are problem solving, multiplicative thinking, number sense, and communicating mathematics concepts with language, symbols, and concrete and pictorial representations. This course is reserved for students seeking elementary or middle school teaching licensure.

MATH 1421 Structure of Mathematical Systems Lab (1)

Corequisite: MATH 1420

Elective mathematics laboratory for students desiring extra assistance with MATH 1420. Lab instruction will focus on problem solving. Grading on a pass/fail basis.

MATH 1530 Elements of Statistics (3)

Prerequisite: a mathematical background equivalent to high-school Algebra I, Geometry, and Algebra II
Measures of central tendency and dispersion for descriptive statistics, estimations of confidence intervals for means and proportions, probability distributions, hypotheses testing, analysis of variance, the least squares method, and correlation analysis.

MATH 1710 Precalculus (Algebra) (3)

Prerequisite: a mathematical background equivalent to high-school Algebra I, Geometry, and Algebra II
A study of functions and their representations with emphasis on the use of functions in problem solving and modeling contexts. Topics include polynomial functions, rational functions, power and root functions, inverse functions, and systems of equations.

MATH 1720 Precalculus (Trigonometry) (3)

Prerequisite: a working knowledge of two years of high-school Algebra and Geometry or equivalent
Circular functions and their graphs, inverses, identities, and conditional equations, solutions of triangles, trigonometric form of complex numbers, DeMoivre's Theorem, exponential and logarithmic functions, parametric and polar equations.

MATH 1730 Precalculus (4)

Prerequisite: a working knowledge of two years of high-school Algebra and Geometry or equivalent
Analysis of functions and their graphs, inverse functions, exponential and logarithmic functions, theory of equations, conic sections, circular functions and their graphs, trigonometric identities and conditional equations, solutions of triangles, trigonometric form of complex numbers, DeMoivre's Theorem, parametric and polar equations. Structured primarily to prepare students for Math 1910.

MATH 1810 Elements of Calculus (3)

Prerequisite: a working knowledge of two years of high-school Algebra and Geometry or equivalent
Designed for students whose major interest is outside the physical sciences, but who require a working knowledge of calculus; limits, the derivative, differentiation techniques, applications of differentiation, the definite integral, integration techniques, and applications of integration.

MATH 1820 Elements of Calculus (3)

Prerequisite: MATH 1810

Continuation of 1810. Functions of several variables, exponential and logarithmic functions, differential equations, Taylor polynomials, infinite series, and numerical methods.

MATH 1910 Calculus and Analytic Geometry (5)

Prerequisite: four years of high-school mathematics, including Trigonometry

Elements of plane analytic geometry, functions, limits, derivatives of algebraic and trigonometric functions, integration, and applications.

MATH 1920 Calculus and Analytic Geometry (5)

Prerequisite: MATH 1910

Polar coordinates, numerical integration, infinite series, techniques of integration, improper integrals, conic sections, and transcendental functions.

MATH 2110 Calculus (4)

Prerequisite: MATH 1920

Three dimensional vectors, partial derivatives, multiple integration, and vector calculus.

MATH 3000 Discrete Mathematics (3)

Prerequisites: MATH 1820, 1920 or permission of instructor

The study of algorithms, counting methods and combinatorics, graph theory, trees, Boolean algebras, and combinatorial circuits.

MATH 3010 Introduction to Mathematical Reasoning (3)

Prerequisite: MATH 1920

Topics include inductive and deductive reasoning, symbolic logic, truth tables, set theory, and functions, with emphasis on various techniques in proving mathematical theorems; applications to geometry, number theory, algebra, analysis, and topology.

MATH 3120 Differential Equations (3)

Prerequisite: MATH 2110

First order differential equations and applications, linear equations of higher order and applications, series solutions of differential equations, Bessel functions and other classical functions obtained by series solutions.

MATH 3130 Differential Equations (3)

Prerequisite: MATH 3120

The Laplace transform and its application to differential equations, systems of linear differential equations, and numerical methods. Fourier series and the solution of boundary value problems involving partial differential equations, such as the heat equation and the wave equation.

MATH 3250 Statistical Methods I (3)

Prerequisite: MATH 1910 or equivalent

An introduction to sampling and design methods, descriptive statistics, basic probability and probability distributions, parametric and nonparametric estimation and hypothesis tests, tests for goodness-of-fit and independence, and utilization of statistical software.

MATH 3260 Statistical Methods II (3)

Prerequisite: MATH 3250

Analysis of variance and multiple comparisons, elementary regression models, multiple regression and the general linear model, and logistic regression.

360 Mathematics (MATH)

MATH 3270 Experimental Design (3)

Prerequisite: MATH 3250 or equivalent

Design concepts for experiments and studies: ANOVA for standard designs; analysis of covariance, and other experimental designs.

MATH 3450 Linear Algebra (3)

Prerequisite: MATH 1920

Systems of linear equations, determinants, vector spaces with emphasis on finite-dimensional spaces, linear transformations, similarity, eigenvalues and eigenvectors, diagonalization, quadratic forms, numerical methods, and applications.

MATH 3630 College Geometry (3)

Prerequisites: MATH 1910 and one year of high-school Geometry

An introduction to modern elementary geometry, transformational geometry, projective geometry, non-Euclidean geometry, and foundations of geometry.

MATH 4000 Mathematics Seminar (1)

Prerequisite: MATH 1910

The course will explore connections among the various content areas, such as calculus, geometry, and statistics. It is required in the mathematics add-on endorsement program.

MATH 4010 History of Mathematics (3)

Prerequisite: permission of instructor

Development of elementary mathematics and a study of the individuals and cultures who contributed to it.

MATH 4020 Geometry for Elementary and Middle School Teachers (3)

Prerequisites: MATH 1410, 1420

Topics include informal, plane, and solid geometries; tessellations; transformations; measurements; deductive reasoning; constructions with dynamic geometry software and other tools; and topology and graph theory.

MATH 4030 Problem Solving for Elementary and Middle School Teachers (3)

Prerequisites: MATH 1410, 1420

Students will engage in recreational mathematics, puzzles, and games. The emphasis is to develop problem-solving skills using various tools and techniques, such as algebra, modeling, and appropriate technology.

MATH 4100 Teaching Mathematics in Grades K-3 (3)

Prerequisites: MATH 1410, 1420, and provisional admission to Teacher Education

Contemporary elementary school mathematics curriculum, teaching materials, and strategies for effective teaching. Field experience required.

MATH 4110 Number Theory (3)

Prerequisite: MATH 1920

Divisibility, properties of primes, analysis of congruence, quadratic residues, and Diophantine analysis.

MATH 4150 Teaching Mathematics in Grades 4-6 (3)

Prerequisite: MATH 4100

Contemporary elementary school mathematics curriculum, teaching materials, and strategies for effective teaching in grades 4-6. Field experience required.

MATH 4160 Complex Analysis (3)

Prerequisite: MATH 1920

The algebra of complex numbers, properties of analytic functions, elementary functions and mappings, complex integration, power series, residues and poles, and conformal mapping.

MATH 4200 Mathematics Content and Pedagogy for Middle School (3)

Prerequisites: MATH 3630 or both MATH 1410 and 1420; and Milestone II status

Using appropriate technology, students will investigate and apply concepts of algebra, geometry, trigonometry, probability, and calculus. The course will also address pedagogy in the middle school mathematics classroom. Field experience required.

MATH 4210 Topology (3)

Prerequisite: MATH 2110

Sets, metric spaces, limits, continuous maps and homeomorphisms, connectedness, and compact topological spaces.

MATH 4240 Probability (3)

Prerequisite: MATH 1920

A mathematical introduction to probability: sample spaces; probability functions; counting techniques; conditional probability; independence, total probability, and Baye's rule; discrete and continuous random variables; expectation, median, and variance; joint and conditional distributions; moment generating functions; laws of large numbers; and the central limit theorem.

MATH 4250 Mathematical Statistics (3)

Prerequisite: MATH 4240

A mathematical treatment of statistics including properties of estimators; maximum likelihood estimation; confidence intervals; hypothesis testing; analysis of categorical data; non-parametric statistics.

MATH 4260 Stochastic Processes (3)

An introduction to stochastic processes and their applications: Poisson and compound Poisson processes; discrete and continuous time Markov chains; renewal theory; random walks; and Brownian motion.

MATH 4270 Nonparametric Statistics (3)

Prerequisite: MATH 4240

Distribution free techniques for estimation of parameters and comparison of populations.

MATH 4400 The Teaching of Secondary School Mathematics (3)

Prerequisites: provisional admission to teacher education; 22 hours of mathematics courses in the major;

Corequisite: MATH 3630

Basic strategies for teaching mathematics and for evaluating mathematics teaching. Particular emphasis will be placed upon the current literature pertaining to these strategies. Field experience required.

362 Mathematics (MATH)

MATH 4450 Mathematical Models (3)

Prerequisites: MATH 1920, 3450

Formation of mathematical models for problems in science and business. Special emphasis on models requiring algebra, calculus, discrete methods, and probabilistic models.

MATH 4460 Applied Mathematics (3)

Prerequisites: MATH 2110, 3120, 4450

Analysis and solution of mathematical problems arising from scientific and industrial settings, including mathematical models requiring differential equations. Writing and presentation of mathematical models and solutions.

MATH 4500 Modern Algebra (3)

Prerequisite: MATH 1920

Relations, maps, abstract algebras, groups, rings, integral domains, order, morphisms, fields, and factorization.

MATH 4670 Numerical Analysis (3)

Prerequisites: MATH 1920 and CSCI 1010 or permission of instructor

Digital computer programming, finite differences, numerical integration, matrix computations, numerical solutions of non-linear systems and differential equations.

MATH 4710 Advanced Calculus (3)

Prerequisite: MATH 2110

Logic and proof, functions, cardinality, real numbers, sequences, limits, continuity, differentiation, integration, infinite series, sequences, and series of functions.

MATH 4810 Senior Seminar (1)

Prerequisite: senior standing and permission of department chair

The threads that link concepts found in undergraduate mathematics will be discussed. The transition from student to career will be addressed. The library and other resources will be utilized to encourage a continuing development of mathematical thought.

MATH 4900, 490A Special Problems (3 each)

Prerequisite: at least 30 hours in mathematics

Selected mathematical topics of general interest.

MATH 4910, 4920, 4930 Topics in Mathematics (1 each)

Prerequisite: permission of instructor

Workshops of short duration which are organized around topics of current interest.

MEDICAL TECHNOLOGY (MTEC)

MTEC 3910 Fundamentals of Hematology - Three hours lecture, three hours lab (4)

Prerequisite: BIOL 2020

Study of formed elements of the blood and the mechanism of coagulation, with an emphasis on normal development and routine evaluation of blood samples together with development of basic laboratory skills. The use of statistics in the analysis and interpretation of laboratory data is introduced.

MTEC 3940 Fundamentals of Clinical Analysis - Three hours lecture, three hours lab (4)

Prerequisite: permission of instructor

Introduction to clinical analysis including specimen collection, processing, and testing. Emphasis will be placed on statistical and quality control as it relates to laboratory testing. The basic metabolic panel will be examined and correlated to urinalysis results. Specialized procedures including forensic analysis, chain of custody, and molecular techniques will be introduced.

MTEC 4090 Clinical Hematology (4)

Prerequisites: MTEC 4910 and acceptance into the senior year (clinical phase) of the Medical Technology Program or permission of program director

Practical experience in fundamental techniques in the clinical hematology section at an affiliated hospital laboratory. Additional practical experience with equipment maintenance, reporting and correlating results, quality control and proficiency testing, case studies, and special procedures.

MTEC 4290 Clinical Microbiology (4)

Prerequisites: MTEC 4730 and acceptance into the senior year (clinical phase) of the Medical Technology Program or permission of program director

Practical experience in the routine isolation and identification of medically significant bacteria, fungi, and parasites, using approved methods in the clinical bacteriology/mycology/parasitology section of an affiliated hospital laboratory. Additional practical experience with equipment maintenance, reporting and correlating results, quality control and proficiency testing, case studies, and special procedures.

MTEC 4390 Clinical Immunohematology/ Serology (4)

Prerequisites: BIOL 3760, MTEC 4950, and acceptance into the senior year (clinical phase) of the Medical Technology Program or permission of program director

Practical experience in the current methods of blood grouping, typing, fetal screening, transfusion therapy, and serology testing in the clinical immunohematology/serology section of an affiliated hospital laboratory. Additional practical experience with equipment maintenance, reporting and correlating results, quality control and proficiency testing, case studies, and special procedures.

MTEC 4490 Clinical Chemistry/Urinalysis (4)

Prerequisites: MTEC 3940, 4940, 4970, and acceptance into the senior year (clinical phase) of the Medical Technology Program or permission of program director

Practical experience in fundamental techniques in the routine clinical chemistry/urinalysis section at an affiliated hospital laboratory. Additional practical experience with equipment maintenance, reporting and correlating results, quality control and proficiency testing, case studies, and special procedures.

MTEC 4500 Research – Lab (2-4)

Prerequisites: permission of instructor, minimum 2.5 CGPA, minimum 3.0 average GPA, and 16 hours of 3000-4999 level Biology and/or Chemistry

This course is offered for those who desire to pursue a special study of some medical/biological problem beyond what is possible in regular courses. The student is expected to select and plan a research problem and pursue it to some state of completion. The data are to be written in acceptable scientific form and available for a seminar. Maximum of four (4) hours.

364 Medical Technology (MTEC)

MTEC 4730 Diagnostic Microbiology I -Three hours lecture, three hours lab (4)

Prerequisites: BIOL 2300 or 3050 and acceptance into the senior year (clinical phase) of the Medical Technology Program or permission of program director

Advanced study of the bacterial agents which cause human disease. The processing and handling of clinical specimens with emphasis on state of the art isolation and identification of pathogenic bacteria is included. The theory and laboratory practice in clinical serology used in diagnosis of infectious disease is also emphasized (examples include: ASO, CRP, RPR, ELISA, and IF).

MTEC 4750 Management/Research/Education Seminar (3)

Prerequisite: acceptance into the senior year (clinical phase) of the Medical Technology Program or permission of program director

Present educational terminology and techniques applied in the clinical laboratory workplace; present concepts of research design and practice and methods of evaluating clinical laboratory research; present organizational, cost control, and management methods for laboratory operations; and introduce local, state, and federal regulations applicable to the clinical laboratory.

MTEC 4900 Clinical Phlebotomy (1)

Prerequisites: MTEC 4910, 4940, and acceptance into the senior year (clinical phase) of the Medical Technology Program or permission of program director

Practical experience in fundamental techniques in the routine clinical phlebotomy section at an affiliated hospital laboratory. Additional practical experience with universal safety precautions, specimen collection, specimen processing, and specimen accessioning.

MTEC 4910 Hematology - Three hours lecture, three hours lab (4)

Prerequisite: acceptance into the senior year (clinical phase) of the Medical Technology Program or permission of program director

The study of human blood with emphasis on anemia, leukemia, special stains and tests, enzyme deficiencies, cellular and humoral immunity, autoimmune disorders, genetic abnormalities, vascular and biochemical coagulation, and associated disorders. Discussion of physical and cellular aspects of body fluids, microscopic examination, specimen collection, and handling of transudates, exudates, and other body fluids.

MTEC 4940 Clinical Analysis I - Three hours lecture, three hours lab (4)

Prerequisite: acceptance into the senior year (clinical phase) of the Medical Technology Program, or permission of program director, or permission of instructor

Study of plasma proteins, enzymes, liver, kidney, and cardiac function, with emphasis on clinical laboratory testing used in diagnosis of pathological states associated with the above. Significance of abnormal test results and correlation with pathological state will be emphasized.

MTEC 4950 Immunohematology - Two hours lecture, four hours lab (4)

Prerequisites: MTEC 4910 and acceptance into the senior year (clinical phase) of the Medical Technology Program or permission of program director

The immunological aspects of erythrocytes and other cells in the context of blood grouping systems, donor selection, specimen collection, processing, component preparation, compatibility testing, and transfusions. HLA systems, adverse reactions, and data management are covered.

Military Science and Leadership (MSL) 365

MTEC 4970 Clinical Analysis II - Three hours lecture, three hours lab (4)

Prerequisites: MTEC 4940 and acceptance into the senior year (clinical phase) of the Medical Technology Program or permission of program director

The study of lipoproteins, electrolytes, blood gases and the chemical, physical, and microscopic examination of urine. Endocrinology, toxicology, therapeutic drug monitoring, tumor markers, immunochemical methods, and molecular diagnostics will be introduced. Clinical laboratory testing, clinical significance of test results, and correlation of results with pathological states will be emphasized.

MTEC 4980 Diagnostic Microbiology II - Three hours lecture, three hours lab (4)

Prerequisites: Acceptance into the senior year (clinical phase) of the Medical Technology Program or permission of program director

Introduction of the fundamental techniques used in the isolation, identification, and recovery of medically important mycobacteria, fungi, parasites, and viruses. Emphasis is also placed on the host/microbial interaction and response. The theory and laboratory practice in clinical serology (of the above organisms) used in the diagnosis of infectious disease is also covered.

MILITARY SCIENCE AND LEADERSHIP (MSL)

MSL 1000 The Army Physical Fitness Program (1)

Physical Education activity course open to all University students

Enables students to develop an understanding of the "total fitness" concept in order to live a more healthy and meaningful life. Increases physical awareness and personal fitness level measured through strength, muscle endurance, and cardio respiratory endurance.

MSL 1010 Leadership and Management Skills I - Two hours lecture, two hours lab (2)

Time management; organizational and planning skills; and the recognition, understanding, and development of leadership abilities for the undergraduate. Introduction to the military, including rappelling, history, and traditions of the Armed Forces; contemporary issues facing today's Army; and introduction to Army weapons. Taken with MSL 101L. No service obligation incurred.

MSL 1020 Leadership and Management Skills II - Two hours lecture, two hours lab (2)

Basic military skills and knowledge to include leadership; drill and ceremonies; rappelling and mountaineering; introduction to the role, organization, and branches of the U.S. Army; introduction to first aid measures; and introduction to military decision-making process. Taken with MSL 102L. No service obligation incurred.

MSL 2010 Introduction to Tactical Skills I - Two hours lecture, two hours lab (2)

Basic military skills and knowledge to include rifle marksmanship, firing the M-4 rifle; instruction on the principles of leadership; and customs and traditions of the service. Taken with MSL 201L. No service obligation incurred.

366 Military Science and Leadership (MSL)

MSL 2020 Introduction to Tactical Skills II - Two hours lecture, two hours lab (2)

Introduction to basic tactical skills such as map reading, land navigation, and orienteering. Topics covered include basic first aid, tactical communications, introduction to tactics, and leadership. Taken with MSL 202L. No service obligation incurred.

MSL 2030 Leaders Training Course (3)

Consists of 28 days (224 hours) of instruction on the principles of leadership, teamwork, drill and ceremonies; tactics; a familiarization with the basic units in the Army; practical application of the principles of patrolling; physical training; weapons familiarization and marksmanship. Qualified students may be awarded a two-year scholarship, undergraduate or graduate level.

MSL 3010 Tactical Leadership I - Three hours lecture, two hours lab (3)

Prerequisites: MSL 1010, 1020, 2010, 2020 (or just 2030 in lieu of MSL 1010, 1020, 2010, 2020)

Principles and skills to include: advanced map reading, land navigation, and leadership. Topics include branches of the Army first aid, hygiene, radio and communication procedures. Introduction to small unit tactics. Physical fitness is highly emphasized. Designed to prepare the student for advanced camp and future service as an officer. Taken with MSL 301L.

MSL 3020 Tactical Leadership II - Three hours lecture, two hours lab (3)

Prerequisite: MSL 3010

Advanced small unit tactics to include basic principles of patrolling. A study of command and staff functions, light infantry organization, weapons, principles of war, troop leading procedures, and combat orders. An analysis of leadership techniques and successful combat leadership. Physical fitness is highly emphasized. Designed to prepare the student for advanced camp and future service as an officer. Taken with MSL 302L.

MSL 3040 Leadership Development and Assessment Course (4)

Prerequisites: MSL 3010, 3020

Commissioning requirements for all cadets. Consisting of five weeks (264 hours) of summer training instruction on the advanced techniques of leadership in small units; exercises in garrison and tactical operations in the field; physical training and conditioning; weapons qualifications; and orientation on combat arms team operations.

MSL 3050 Military Leadership Internship/Cadet Troop-Leading Training (CTLT) (3)

Prerequisites: MSL 3010, 3020,

The internship consists of observation and participation in serving and leading in an active duty Army unit. The student will do all unit training while serving as an Army officer candidate for 240-300 contact hours in the field. This blends classroom theory and practical work experience.

MSL 4010 Advanced Military Skills/ Knowledge I - Three hours lecture, two hours lab (3)

Prerequisite: MSL 3020

Leadership and management instruction designed to prepare the cadet for commissioning and first assignment. Course includes preparation of accession packets; Army writing style; preparation of after-action reports; briefings, plans, and orders; preparation and conduct of meetings; and the Army personnel, intelligence, training, and logistics systems. Taken with MSL 401L.

MSL 4020 Advanced Military Skills/ Knowledge II - Three hours lecture, two hours lab (3)

Prerequisite: MSL 4010

Leadership and management instruction designed to prepare the student for commissioning and first assignment. Course includes military law and justice; role of the noncommissioned officer; customs and traditions of the service; and fundamentals of the military profession (leadership and ethics). Physical fitness is highly emphasized. Taken with MSL 402L.

MSL 4030 Military Leadership Seminar - Three hours lecture, two hours lab (3)

Prerequisite: advanced course enrollment

Study of leadership techniques and theory through historical case studies, contemporary writings, and a performance-based program. An overview of U.S. military history gives the cadet an appreciation of U.S. armed forces heritage.

MSL 4040 Military Leadership Seminar - Three hours lecture, two hours lab (3)

Prerequisite: advanced course enrollment

Leadership techniques and theory through historical case studies, contemporary writings, and a performance-based program. Designed to assist the student in making the transition from cadet to officer; to familiarize him/her with the challenges to be faced after commissioning.

MUSIC (MUS)**MUS 1030 Music Appreciation (3)**

(course renumbered from MUS 2000)

An introductory course designed to help create an awareness of the contribution which music can make toward the enrichment of living.

MUS 1040, 1050 Introduction to Music Theory (3 each)

Basic fundamentals of music theory for students who need preparation for MUS 1180 (Music Theory I). The basics of notation, scales, meters, intervals, and chords will be emphasized. This class will be required for students who did not pass the diagnostic exam for Music Theory I.

MUS 1060 Recital Attendance

Full-time music majors are required to attend 15 approved recitals and concerts each semester. Grading on a pass/fail basis.

MUS 1160, 1170 Class Piano (1 each) - Two periods

Group instruction for music majors. The course develops basic reading and keyboard technique. Students work toward completion of the scale, harmonization, and repertoire portions of the piano proficiency exam.

MUS 1210 Beginning Guitar (1) - Two periods

Prerequisite: MUS 1160

Group instruction for those who have had no previous guitar experience. The course will provide an introduction to the technique and classical literature of the guitar. These courses must be taken in sequence.

368 Music (MUS)

MUS 1250 Class Voice (1) - Two periods

Group instruction in the fundamental processes of good singing-breathing, tone production, and diction.

MUS 1350, 3350* Orchestra (1 each) - Three periods

Open to all students with the permission of instructor.

MUS 1500, 3500* Choir (1 each) - Three periods

Open to all students with the permission of the instructor.

MUS 1515, 3515 Governor's Singers (1 each) - Two periods

Prerequisite: permission of instructor

Sight reading, self-initiated learning, rehearsal and performance of many choral styles appropriate for small choral group, a cappella singing techniques, professional-level rehearsal practices and techniques highlighting individual vocal talent.

MUS 1600, 3600* Symphonic Band (1 each) - Three periods

Open to all students with the permission of the instructor.

MUS 1610, 3610* Pep-Lab Band (1 each) - Three periods

Open to all students with the permission of instructor.

MUS 1630, 3630* Marching Band (1 each)

A performing organization functioning during the Fall semester relative to football games, parades, and contest exhibitions.

MUS 1700, 3700* Accompanying (1 each)

Experiences for pianists and guitarists in accompanying various solo music.

MUS 1712, 3712* String Quartet (1 each)

MUS 1713, 3713* Trio (1 each)

MUS 1714, 3714* Flute Choir (1 each)

MUS 1715, 3715* Woodwind Quintet (1 each)

MUS 1716, 3716* Double Reed Ensemble (1 each)

MUS 1717, 3717* Saxophone Ensemble (1 each)

MUS 1718, 3718* Woodwind Trio (1 each)

MUS 1719, 3719* Trumpet Ensemble (1 each)

MUS 1721, 3721* Brass Quintet (1 each)

MUS 1722, 3722* Honors Brass Quintet (1 each)

MUS 1723, 3723* Trombone Choir (1 each)

MUS 1724, 3724* Horn Choir (1 each)

MUS 1760, 3760* Clarinet Choir (1 each) - Three periods

Open to any student with permission of instructor.

MUS 1180 Music Theory I (3) - Fall semester only

MUS 1190 Music Theory II (3) - Spring semester only

Prerequisite: MUS 1180

Development of reading and hearing skills; study of notations, scales, meters, intervals, and chords, beginning study of melody and harmony. These courses must be taken sequentially.

MUS 1185 Aural Skills I (1) - Fall semester only**MUS 1195 Aural Skills II (1) - Spring semester only**

Prerequisite: MUS 1185

Students will cover basic ear training and sight singing, interval and chord identification, and melodic dictation. These courses must be taken sequentially.

MUS 1910, 3910* Chamber Singers (1 each) - Three periods

Open to any student by audition.

MUS 1920, 3920* Brass Choir (1 each) - Three periods

Open to all students with the permission of instructor.

MUS 1930, 3930* Jazz Band (1 each) - Three periods

Open to all students with the permission of instructor.

MUS 1940, 3940* Opera Workshop (1 each) - Three periods

A realistic laboratory approach to the selection and presentation of opera. Open to any person interested in any phase of opera production. Public performances of opera will be given when feasible.

MUS 1970 Introduction to Music Literature (3)

A course which introduces beginning music majors to a broad spectrum of musical styles and types, old and new, classical and popular, in the West and in selected non-Western cultures.

MUS 1980, 3980* Percussion Ensemble (1 each) - Three periods

Open to all students with the permission of instructor.

MUS 1990, 3990* Guitar Ensemble (1 each) - Three periods

Open to all students with the permission of the instructor.

MUS 2030 World Music (3)

Exposes non-music majors to the varied functions and forms music has in culture, with particular emphasis on non-Western types. The study of traditional music and contemporary indigenous music; musical fusions created and used by a variety of cultures are points of entry for exploring and understanding societies highly differentiated from our own.

MUS 2180 Music Theory III (3) - Fall semester only

Prerequisites: MUS 1190

MUS 2190 Music Theory IV (3) - Spring semester only

Prerequisites: MUS 2180

Study of harmony and voice leading; basic chromatic harmony; 16th and 18th century counterpoint; 18th century form and analysis; development of analytical and compositional skills. Continued development of reading and hearing skills. These courses must be taken sequentially.

MUS 2185 Aural Skills III (1) - Fall semester only

Prerequisites: MUS 1195

MUS 2195 Aural Skills IV (1) - Spring semester only

Prerequisites: MUS 2185

Students will cover intermediate ear training and sight singing, interval and chord identification, and melodic dictation. These courses must be taken sequentially.

370 Music (MUS)

MUS 2240 Foundations of Music Education (3)

Prerequisite: MUS 1180

Addresses many of the State Department of Education competencies including curriculum, musical assessment, and managerial competencies necessary for the 21st-century music teacher. A history of music in education and various philosophies of education will be examined. Four (4) hours of field experience will be required.

MUS 3010 Music History (3) - Fall semester only

Prerequisites: MUS 1970

MUS 3020 Music History (3) - Spring semester only

Prerequisites: MUS 1970

A historical survey of the development of music from Greek civilization to the present day. These courses must be taken sequentially.

MUS 3140 Introduction to Jazz Harmony (2)

Prerequisite: MUS 2120, 2190

Spelling and analysis of chords and the creation of chord scales characteristic of jazz. Class time will be used to analyze and practice material created by established jazz artists.

MUS 3141 Jazz Harmony Performance (1)

This course extends the Intro to Jazz Harmony course providing a lab experience, with either a live or recorded rhythm section performing in the jazz style, allowing the students to improve their improvisational skills in a controlled environment and apply skills discussed in previous course. Open to all students with the permission of the instructor.

MUS 3160 Introduction to Music Technology (3)

Prerequisite: music majors and minors or by permission of instructor

A practical introduction to current music technology and its application as a tool of composition, education and performance. A passing grade in this course fulfills the University computer literacy requirement and music education instructional technology requirement.

MUS 3252 Secondary General Music and Humanities (1)

Prerequisite: MUS 2240, EDUC 3070

Methods, materials, techniques, and strategies for teaching musical and humanities concepts and content for grades 6-12. A four-hour field experience is required.

MUS 3255 General Music Methods (2)

Prerequisite: MUS 2240, EDUC 3070

General music techniques and practices, repertoire, instruments, aural skills, assessment and managerial techniques, as well as strategies for teaching culturally diverse children in the elementary and middle school music classroom will be covered. Four (4) hours of field experience will be required.

MUS 3800 Basic Conducting (2) - Three periods

Elementary theory and practice of conducting basic beat patterns, subdivisions, beat character, and basic score reading.

MUS 3810 Choral Conducting (2) - Three periods

Prerequisite: MUS 3800

The theory and practice of choral conducting including expressive gestures, score preparation, asymmetrical beat patterns, establishing proper mood, and interpretation based on an understanding of historical style periods. Functional knowledge of string, wind, and percussion instruments.

MUS 3820 Instrumental Conducting (2) - Three periods

Prerequisite: MUS 3800

Problems of instrumental balance, style, intonation, phrasing, dynamics, and tone quality are considered. Additional factors considered include score preparation, transposition, proper rehearsal techniques, and an understanding of musical terms and symbols and their proper interpretation within the context of the musical score.

MUS 3860 Guitar Pedagogy (3)

Survey of pedagogical resources and methods for the classical guitar.

MUS 3890 Brass Group Instruction (2) - Three periods

Acquisition of a working knowledge of the brass-wind instruments through study of their mechanical operation and performance techniques; elementary performance experiences.

MUS 3900 Percussion Group Instruction (2) - Three periods

Acquisition of a working knowledge of the percussion instruments through study of their mechanical operation and performance techniques; elementary performance experiences.

MUS 4110 Music Analysis (3) - Fall semester only

Prerequisite: MUS 2190, 2195

MUS 4120 Music Analysis (3) - Spring semester only

Prerequisite: MUS 2190, 2195

Development of analytical skills for music written from 1820 to the present. Analytical approaches covering works from the early and late Romantic, Impressionist, Expressionist periods; study and analysis of serial and post-World War II compositional styles.

MUS 4240 Marching Band Techniques (3)

Planning field shows for the marching band; charting, dance steps, parades, routines, and scoring for outdoor playing.

MUS 4260 Materials and Techniques for Instrumental Instruction (3)

A survey of study and solo material for all instruments, singly and in small and large ensembles. Problems in individual and class instruction considered.

MUS 4270 Vocal Pedagogy (3)

Widely accepted methods of solo vocal instruction and problems encountered in vocal pedagogy. This course is primarily concerned with the development of the young singing voice.

MUS 4280 Piano Pedagogy (3)

Techniques in teaching piano by the class method; materials and methods for private instruction.

372 Music (MUS)

MUS 4310 Survey of Piano Literature (3)

An historical survey of the contributive elements, stylistic characteristics, form, and keyboard techniques from the 16th century to the 20th century. Intended primarily for piano majors; open to others with the permission of the instructor.

MUS 4320 Guitar Literature (3)

Prerequisite: guitar major or permission of instructor

Survey of guitar repertoire, literature, and associated performance practices from the Renaissance to the present.

MUS 4330 Music Before 1750 (3)

Prerequisite: MUS 3010

Repertoires of Medieval, Renaissance, and Baroque music; development of methods for structural analysis and the critical appraisal of style change; study of individual pieces representing the major repertoires; and study of notation, theory, and performance practice.

MUS 4340 Music from 1750 to 1900 (3)

Prerequisite: MUS 3020

Repertoires of Classical and Romantic music; structural and style-critical analysis of individual pieces representing the major repertoires of the period.

MUS 4350 Music After 1900 (3)

Prerequisite: MUS 3020

Repertoires of the Modern period; development of methods and strategies for structural and style-critical analysis; study of aesthetic and theoretical issues; study of individual pieces representing the major repertoires.

MUS 4370 Art Song Literature (3)

Solo vocal literature from the 17th century to the present, including French, German, British, and American repertoire.

MUS 4380 Choral Techniques (3)

Problems of chorus and choral instruction with the emphasis on organization, rehearsal, diction, intonation, tone quality, balance, blend, and style. Deals specifically with choral music in the secondary school.

MUS 4390 Choral Literature (3)

Choral music from the 16th century to the present with emphasis on the major compositions, including a cappella works and extended works with chorus and orchestra.

MUS 4420 Symphonic Literature (3)

Prerequisites: MUS 3010, 3020

Repertoire of the symphony orchestra from its origins around 1750 to the present day.

MUS 4430 Chamber Music Literature (3)

Prerequisites: MUS 3010, 3020

Chamber music repertoire from the 18th century to the present day.

MUS 4450 Opera Literature (3)

Prerequisites: MUS 1970

Development of opera from its beginning in the late 16th century to the present.

MUS 4460 Music of Many Cultures (3)

Prerequisites: MUS 1970 or permission of instructor

The study of folk and traditional music from North and South America, Asia, Australia, Africa, and Europe. Music students' training in classical Western music will be used as a point of departure for developing and applying critical and analytical skills to non-Western music.

MUS 4522 Italian Diction for Singers (1) - Two periods

Fundamentals of correct pronunciation of the language for singing, speaking, and the international phonetic alphabet.

MUS 4523 German Diction for Singers (1) - Two periods

Fundamentals of correct pronunciation of the language for singing, speaking, and the international phonetic alphabet.

MUS 4524 French Diction for Singers (1) - Two periods

Fundamentals of correct pronunciation of the language for singing, speaking, and the international phonetic alphabet.

MUS 4550 Music for the Band (3)

Development of music for the band; analysis of representative works.

MUS 4790 Flute/Double Reed Group Instruction (1) - Two periods

Practical playing experience and instruction in methods of tone production, fingering, and care of the double reed, and non-reed woodwind instruments.

MUS 4800 Clarinet/Saxophone Group Instruction (1) - Two periods

Practical playing experience and instruction in methods of tone production, fingering, and care of the double reed, and non-reed woodwind instruments.

MUS 4810 Orchestration (2)

Prerequisite: MUS 2190

Arranging and transcribing for instruments; basic ranges and transpositions; sonorities of individual instruments and their combinations.

MUS 4890 String Group Instruction (2) - Three periods

Acquisition of a working knowledge of the violin, viola, cello, and bass viol through practical playing experience, emphasizing position, fingering, and bowing problems; may be repeated for credit.

374 Nursing (NURS)

NURSING (NURS)

NURS 2000 Women's Health in Today's World (3)

Prerequisite: admission to the University

Focuses on women's health issues across the life span, with specific emphasis on health promotion and self-care, women and the health-care system, diversity and health issues, and influence strategies for change. The course will provide essential information needed to build a strong knowledge base from which women's health concerns can be addressed.

NURS 2010 Concepts of Professional Nursing (3)

Prerequisite: Admission to the B.S.N. Program

Introduces concepts and theories of nursing.

NURS 2020 Nursing Assessment (3)

Prerequisite: Admission to the B.S.N. Program; *Corequisite:* NURS 2021

Prepares the student to perform holistic nursing assessments and physical examination.

NURS 2021 Nursing Assessment Clinical (1)

Corequisite: NURS 2020

Clinical lab.

NURS 2030 Introduction to Nursing (4)

Prerequisite: Admission to the B.S.N. Program; *Corequisite:* NURS 2031 (4)

Includes concepts, knowledge, and skills fundamental to understanding the social, interpersonal, and technological components of nursing practice.

NURS 2031 Introduction to Nursing Clinical (4)

Corequisite: NURS 2030

Clinical lab.

NURS 2040 Introduction to Pharmacology (1)

Prerequisite: Admission to the B.S.N. Program or consent of program director

Provides the basis for study of pharmacology principles. Includes safe dosage calculation and intravenous medication delivery, including fluid and electrolyte imbalances. Prepares the beginning nursing student for future pharmacology courses in the nursing program.

NURS 3010 Concepts of Professional Nursing for Registered Nurses (3)

Prerequisite: Admission to the B.S.N., completion track

Introduces concepts and theories of nursing and how these are effectively applied by Registered Nurses.

NURS 3020 Psychopharmacology (2)

Prerequisite: Completion of sophomore-level nursing courses or consent of program director

Integrates the principles of psychopharmacology in relation to the neurological and biological effects of imbalances in human thought and behavior. Includes knowledge of safe and effective clinical management of clients taking psychotropic medications as well as alternative remedies.

NURS 3050 Nursing Informatics (1)

Prerequisite: Admission to the B.S.N. Program

This course provides students with an overview of nursing informatics and the theoretical foundation for information management within the health-care setting. Students will explore technological advances related to health-care delivery and a variety of information systems.

NURS 3060 Psychiatric and Mental Health Nursing (4)

Prerequisites: completion of sophomore-level nursing courses; *Corequisite:* NURS 3061 (4)

Application of self-care self awareness, therapeutic communication, and the nursing process in a variety of environments that encompass psychiatric mental health.

NURS 3061 Psychiatric and Mental Health Nursing (3)

Corequisite: NURS 3060

Clinical lab.

NURS 3070 Adult Health I Nursing (4)

Prerequisites: Completion of sophomore-level nursing courses; *Corequisite:* NURS 3071 (4)

Application of the nursing process in the care of adults in a structured environment.

NURS 3071 Adult Health I Nursing Clinicals (4)

Corequisite: NURS 3070 (4)

Clinical lab.

NURS 3080 Life-Span Pharmacology (3)

Prerequisites: completion of sophomore-level nursing courses or permission of program director

Integrates the principles of pharmacology and pathophysiology for clients across the life span. Emphasizes pharmacotherapeutics for disorders across the life span.

NURS 3090 Special Topics in Nursing (1)**NURS 3120 Nursing Assessment (3)**

Prerequisites: Admission to the B.S.N. completion track plus R.N. Licensure; *Corequisite:* NURS 3121 (1)

Prepares the student to perform holistic nursing assessments and physical examination.

NURS 3121 Nursing Assessment Clinical (3)

Corequisite: NURS 3120

Clinical lab.

NURS 3150 Nursing Informatics (1)

Prerequisites: admission to the B.S.N. completion track

This course provides students with an overview of nursing informatics and the theoretical foundation for information management within the health-care setting. Students will explore technological advances related to health-care delivery and a variety of information systems.

NURS 3180 Pharmacology for Nursing (2)

Prerequisites: Admission to the B.S.N. completion track

Integrates the principles of pharmacology and pathophysiology for clients across the life span and principles of psychopharmacology in relation to the neurological and biological effects of chemical imbalances on human behavior.

376 Nursing (NURS)

NURS 3210 Introduction to Nursing Research (3)

Prerequisites: Completion of sophomore level nursing courses

Introduces the research process with emphasis on the evaluation and application of nursing research.

NURS 4000 Preceptor Experience (2)

Prerequisite: completion of all 2000 and 3000 nursing courses and approval of School of Nursing

An elective course that offers refinement of clinical skills, organizational principles, and care under the supervision of Registered Nurse preceptors at Vanderbilt University Medical Center and the Austin Peay School of Nursing faculty. This course is offered only in the summer semester for current nursing students who have completed all 2000- and 3000-level nursing courses. Space is limited, and enrollment must be approved by the School of Nursing. 280 Clinical Hours.

NURS 4040 Maternal Child Nursing (4)

Prerequisite: Completion of junior-level nursing courses; *Corequisite:* NURS 4041 (4)

Prepares the student to apply knowledge of development and assessment skills while caring for infants, children, adolescents, and childbearing family. Emphasizes health teaching and health promotion.

NURS 4041 Maternal Child Nursing (4)

Corequisite: NURS 4040

Clinical lab.

NURS 4050 Community and Public Health Nursing (3)

Prerequisite: Completion of junior-level nursing courses; *Corequisite:* NURS 4051

Introduces the student to community health care. Provides experiences with individuals, families, and groups in the community setting.

NURS 4051 Community and Public Health Nursing Clinical (3)

Corequisite: NURS 4050

Clinical lab.

NURS 4060 Adults Health II Nursing (4)

Prerequisite: Successful completion of junior nursing courses; *Corequisite:* NURS 4061

Continued application of the nursing process in the care of adults, with complex health problems in multiple environments..

NURS 4061 Adults Health II Clinical (4)

Corequisite: NURS 4060

Clinical lab.

NURS 4070 Leadership and Management of Professional Nursing (3)

Prerequisites: completion of junior-level nursing courses; *Corequisite:* NURS 4071 (4)

Introduces managerial and leadership issues and concepts, and helps the student apply them to the professional nurse role.

NURS 4071 Leadership and Management of Professional Nursing (3)

Corequisite: NURS 4070

Clinical preceptorship.

NURS 4080 Trends and Issues of Professional Nursing (2)

Prerequisite: completion of junior-level nursing courses

Promotes sensitivity to the potential for nurse-initiated change through evaluation of current trends and issues impacting upon health-care delivery and the nursing profession.

NURS 4100 Clinical Integration (1)

Prerequisite: This course must be taken during the semester in which the student is scheduled to graduate from the B.S.N. program.

A clinical synthesis of normal anatomy, physiology, pathophysiology, and nursing assessment concepts in patients with selected illnesses. Students are guided through the steps of problem solving, prioritizing needs, determining short-term and long-term goals, anticipating therapeutic interventions, and initiating appropriate nursing care.

NURS 4120 Clinical Integration for the B.S.N. Completion Track (3)

Prerequisite: admission to the B.S.N. completion track

A clinical synthesis of normal anatomy and physiology, pathophysiology, and nursing assessment concepts in patients with selected illnesses. Students are guided through the steps of problem solving, prioritization of needs, determining short term goals, anticipating therapeutic intervention and initiating appropriate nursing care. A one hour credit practicum will validate transfer of knowledge from the classroom to the clinical.

NURS 4090 Independent Health Care Study (1-13)**PHILOSOPHY (PHIL)****PHIL 1030 Introduction to Philosophy (3)**

(course renumbered from PHIL 2000)

The method and content of philosophy as a tool to understand the nature of humankind and the world. Primary aims will be to develop the vocabulary and the issues of the major fields of philosophy: metaphysics, epistemology, philosophy of religion, political philosophy, and ethics.

PHIL 1040 Introduction to Ethics (3)

Examines fundamental issues in ethical theory and metaethics and the application of ethical theory to contemporary moral issues in fields such as business, medicine, criminal justice, education, and environmental studies.

PHIL 2010 Independent Study in Philosophy (1-3)

Student will meet with the supervising professor and outline a program of study for credit of one hour, two hours or three hours. Evaluation may be oral or written and may include exams and/or papers, depending on the judgement of the supervisor.

PHIL 2200 Religion and the World (3)

An exploration of the origins, nature, and content of religion as a source of human value, meaning, and hope. Emphasis given to the beliefs, values, symbols, and rituals of the world's major religions.

378 Philosophy (PHIL)

PHIL 2300 Medical Ethics (3)

Application of moral theory to major issues of biomedical ethics: the patient-professional relationship, abortion, euthanasia, allocation of medical resources, genetic engineering, and research involving human subjects.

PHIL 2310 Environmental Ethics (3)

Application of moral theory to issues and problems that arise as a result of human interaction with the environment: ecocentrism and anthropocentrism, the relative value and importance of nature, species, and individual animals, wilderness, and species preservation, and environmentalism and international justice.

PHIL 2400 Business Ethics (3)

Application of moral theory to major issues of business and management ethics: civil liberties, rights, and affirmative action; unions and distributive justice; personnel issues; health, safety, and environmental issues; capitalism; corporate and international business practice; middle management ethical dilemmas; and ethical responsibility towards consumers.

PHIL 2410 Educational Ethics (3)

Application of moral theory to education including issues in teaching, research, and service such as, paternalism, indoctrination, neutrality in evaluation, multiculturalism, academic misconduct, race, and gender issues.

PHIL 3040 History of Ethics (3)

Prerequisite: three hours of philosophy or permission of instructor

History of moral philosophy from the ancient to the contemporary periods, including Aristotle, Hobbes, Hume, Kant, and Mill.

PHIL 3050 Religious Ethics (3)

Prerequisite: three hours of philosophy or permission of instructor

A study of the moral theories of the world's religions, including Christianity, Judaism, Islam, Buddhism, and Hinduism.

PHIL 3100 Ancient Philosophy (3)

Prerequisite: three hours of philosophy or permission of instructor

History of Western philosophy from its pre-Socratic origins through Classical Greek and Hellenic thought. Emphasis is placed on the pre-Socratics, Socrates, Plato, Aristotle, the Epicureans, and the Stoics.

PHIL 3110 Medieval Philosophy (3)

Prerequisite: three hours of philosophy or permission of instructor

The Medieval worldview as a religious transformation of Greek philosophy into three cultures in conflict: Judaism, Christianity, and Islam. Emphasis is placed on Augustine, Aquinas, Maimonides, and the Muslim Aristotelians.

PHIL 3120 Modern (15th-18th Century) Philosophy (3)

Prerequisite: six hours of philosophy or permission of instructor

The history of Western philosophy from Descartes through Kant with emphasis on Continental Rationalism, British Empiricism, and Kant.

PHIL 3130 19th and 20th Century Philosophy (3)

Prerequisite: six hours of philosophy or permission of instructor

Important philosophers of the 19th century and important philosophical movements of the 20th century.

PHIL 380A Comparative World Religions (3)

A comparative study of world religions including Primal religions, Hinduism, Buddhism, The Jains, Sikhs, Zoroastrians, Judaism, Christianity, Islam, and the Baha'is.

PHIL 380B Islam as a Worldview (3)

A study of Islam that explores its history. The life of Muhammed, the Qur'an and Had'ths, the Five Pillars, basic beliefs and values, diversions of war and peace, Islamic philosophy, and the relationships among Judaism, Christianity, and Islam.

PHIL 380C The Battle of God (3)

An exploration of the Battle of God among the children of Abraham – Jews, Christians, and Muslims. The course examines the theologies of war and peace in the Jewish TANAKH, the Christian New Testament and the Muslim Qur'an and concludes by analyzing religious extremism in all three faiths.

PHIL 3900 Informal, Categorical and Propositional Logic (3)

Prerequisites: 3 hours of PHIL or MATH 1010 or 1420 or permission of instructor

Analysis of the nature and functions of language, recognition of arguments, and development of the tools of logic and critical reasoning such as deduction, induction, validity, the informal fallacies and categorical and propositional logic.

PHIL 4015 War and Ethics (3)

An exploration of the morality of warfare, including the justification of waging war and the ethical limits of its conduct. Proposed principles will be critically discussed and applied to historical cases. Content will include the perspectives of just war theory, pacifism, realism, and international law.

PHIL 4100 Social-Political Philosophy (3)

Prerequisite: six hours of philosophy or permission of instructor

Historical and contemporary issues in social and political philosophy.

PHIL 4500 Philosophy of Religion (3)

Prerequisite: six hours of philosophy or permission of instructor

Basic philosophical issues of religion and the religious life. The nature of religion, the relationship between faith and reason, the existence of God and the problem of evil, and the immortality of the soul will be discussed.

PHIL 4600 Literature and Philosophy of Existentialism (3)

Prerequisite: three hours of philosophy or permission of the instructor

The literature and philosophy of existentialism from Kierkegaard to Sartre. Questions to be considered: What does it mean to be human? Is man free? What is absurdity? What is self-deception?

380 Philosophy (PHIL)

PHIL 4720 Ethical Theory

Prerequisite: six hours of philosophy or permission of instructor

An examination of contemporary problems in ethical theory. Rationality of moral judgments and moral standards, the nature of moral language, moral relativism and skepticism, punishment, blame, and free will and the ought/is problem.

PHIL 4910 Epistemology (3)

Prerequisite: six hours of philosophy or permission of instructor

Classical and contemporary readings in the theory of knowledge; the nature of knowledge, skepticism, theories of truth, concepts of evidence and rationality, and the justification of induction.

PHIL 490A Seminar: Philosophy (3)

Prerequisite: six hours of philosophy or permission of instructor

Advanced seminar in selected topics in philosophy.

PHYSICAL EDUCATION ACTIVITIES (PHED)

PHED 1xxx or 2xxx Selected Physical Education Activities (1 each)

Provides instruction in fundamental skills and knowledge of physical or recreational skills which are popular and which are not included in the regular curricular offerings.

PHED 1010 Jogging

PHED 1012 Beginning Karate

PHED 1014 Intermediate Karate

PHED 1050 Beginning Tennis

PHED 1060 Beginning Golf

PHED 1190 Aerobic Dance

PHED 1210 Weight Training

PHED 1250 Advanced Tennis

PHED 1260 Advanced Golf

PHED 1310 Physical Fitness

PHED 2060 Racquetball

PHED 2090 Cycling

PHED 2100 Beginning Tap Dance

PHYSICS (PHYS)

PHYS 1005 Preparation for College and University Physics (2)

Prerequisites: two years of high school algebra, MATH 1110 or equivalent

This course is designed to teach students the problem-solving skills needed for either college or university physics. The course uses math skills the students already possess and applies them to physical situations.

PHYS 1010 Understanding the Physical World - Three hours lecture, three hours lab (4)

Corequisite: PHYS 1011

Motion, energy, and properties of matter, heat, and sound. The approach is conceptual and non-mathematical. The role of physics in the understanding of everyday experiences in our technological society. Laboratory 1011 is to be taken concurrently.

PHYS 1020 Understanding the Physical World - Three hours lecture, three hours lab (4)

Corequisite: PHYS 1021

Electricity and magnetism, light, atomic and nuclear physics, and relativity. Physics 1010 is NOT a prerequisite. The approach is conceptual and non-mathematical. The role of physics in the understanding of everyday experiences in our technological society. Laboratory 1021 is to be taken concurrently.

PHYS 1234 Introductory Honors Seminar in Physics (1)

Prerequisite: Admission into the Honors Program or permission of instructor

Research presentations by students, faculty, and visiting scientists. Discussions of major areas of physics and the intersection of physics with the students' objectives.

PHYS 1500 Computational Methods for Scientists and Engineers (3)

Selected topics in differential and integral calculus, vector analysis, statistics, linear algebra, and ordinary and partial differential equations focusing on their application to computational physics.

PHYS 1710 Introductory Chemistry and Physics (4) - (Same as CHEM 1710)

Introductory integrated lab/lecture course in chemistry and physics. Included are hands-on and computer-based activities in the scientific method, astronomy, motion, energy, kinetic theory, waves and sound, atomic structure, electricity and magnetism, elements and periodic properties, chemical bonding, electrochemistry, environmental issues, and linkage to NASA via the Internet.

(Physics 1710 may not be combined with either CHEM 1010 or PHYS 1010 to satisfy the General Education Core.)

College Physics (2010 and 2020) uses algebra and trigonometry. University Physics (2110 and 2120) uses calculus ideas and notation and has calculus as a Corequisite. College Physics satisfies the requirements for preprofessional students in medicine and dentistry. University Physics is taught for physics majors and minors and students in preengineering. It is recommended for mathematics or computer science majors. Some preprofessional students may be required to take the calculus-based sequence by their professional school.

PHYS 2010 College Physics - Four hours lecture and demonstration, three hours lab (5)

Prerequisite: MATH 1730 or ENGT 1200; *Corequisite:* PHYS 2011

The elements of mechanics, including physical measurement, linear and circular motion, simple harmonic motion, fluids, and heat. Applications of conservation laws to technological and biological systems are considered. Algebra is used extensively. Trigonometry and vectors are developed and used as needed.

382 Physics (PHYS)

PHYS 2020 College Physics - Four hours lecture and demonstration, three hours lab (5)

Prerequisite: PHYS 2010; *Corequisite:* PHYS 2021

Optics, electricity and magnetism, the atom, and the nucleus.

PHYS 2110 University Physics - Four hours lecture and demonstration, three hours lab (5)

Corequisites: MATH 1910, PHYS 2111

The same topics as covered in 2010. The mathematical level involves algebra and trigonometry and, in addition, calculus ideas, notation, and techniques.

PHYS 2120 University Physics - Four hours lecture and demonstration, three hours lab (5)

Prerequisite: PHYS 2110; *Corequisite:* PHYS 2121

Continuation of 2110, which covers the same general topics as 2020. The mathematical level involves more use of calculus than 2110.

PHYS 2468 Introductory Honors Work in Physics - three hours lab (1)

Prerequisite: PHYS 1234, a "B" or higher in PHYS 2110, or permission of instructor; *Corequisite:* PHYS 2120

Individual research of a level and complexity appropriate to lower-level students, mentored by a faculty member. Primarily aimed at helping well-qualified students become involved in research early in their careers.

PHYS 2500 Computational Methods for Scientists and Engineers II - Three hours lecture, three hours lab (4)

Corequisite: PHYS 2501

An introduction to the application of computational solutions to problems in physics. Includes an introduction to topics in first-year physics, algorithm development, and basic scientific programming skills. Focus is on computational solutions to differential equations (initial and boundary value problems) and their application to physical problems. Physical models will be developed and experimentally tested.

PHYS 3005 Theoretical Methods (4)

Prerequisites: PHYS 2020 or 2120, MATH 1920; *Corequisite:* MATH 2110

The theoretical techniques used for problem solving in physics. Vector calculus, complex numbers, ordinary differential equations, and matrix methods. The theoretical techniques will be applied to physical systems.

PHYS 3010 Intermediate Mechanics (3)

Prerequisite: PHYS 3005 or permission of instructor

Kinematics and dynamics of particles in three dimensions. The mathematical level involves vector notation and equations written in differential form with the solutions to be obtained by integration and other methods.

PHYS 3030 Electricity and Magnetism (3)

Prerequisite: PHYS 3005 or MATH 2110

Electric and magnetic field theory: Coulomb's Law, Gauss' Law, Ampere's Law, Faraday's Law, Maxwell's equations for electrostatics and magnetostatics, Maxwell's equations for the dynamic case, and radiating systems and guided waves. Integral calculus and vectors are used extensively.

PHYS 3050 Introductory Circuits - Three hours lecture, three hours lab (4)

Prerequisites: PHYS 2120 and MATH 1920; *Corequisites:* PHYS 3005, 3051, MATH 2110

Ohm's and Kirchoff's laws, analysis of R, RL, and RLC circuits using mesh and nodal analysis, superposition and source of transformations, and Norton's and Thevenin's Theorems; steady state analysis of DC and AC circuits; complete solution for transient analysis of circuits.

PHYS 3060 Advanced Circuits - Three hours lecture, three hours lab (4)

Prerequisites: PHYS 3005, 3050; *Corequisite:* PHYS 3061

The study of operational amplifiers, three phase circuits, and delta and wye connections. Complex frequency analysis of circuits with sinusoidal forcing functions. The study of mutual inductance, transformers as circuit elements, and linear and ideal transformers. Trigonometric and complex Fourier analysis will be used.

PHYS 3100 Optics - Three hours lecture, three hours lab (4)

Prerequisite: PHYS 2120; *Corequisite:* PHYS 3101

Reflection and refraction, the eye, telescopes and microscopes, lasers, interference, diffraction, and polarization.

PHYS 3250 Topics in Relativity (1)

Prerequisite: MATH 1920

The study of Einstein's Special and General Relativity. Topics may include: galilaen and Lorentz transformations. Length contraction, time dilation, simultaneity, four vectors, metrics, and experimental verifications.

PHYS 3550 Experimental Methods - Two hours lecture, six hours lab (4)

Prerequisite: PHYS 2120; *Corequisite:* PHYS 3551

Experimental techniques used in physics and engineering, including data acquisition and control, vacuum technology, thermometry, light sources, optical components and techniques, materials and machining.

PHYS 3700 Introduction to Modern Physics - Three hours lecture, three hours lab (4)

Prerequisite: PHYS 2120 or permission of instructor; *Corequisite:* PHYS 3701

Relativity, quantization of radiation, matter waves, early atomic models, Schroedinger's wave mechanics, Photoelectric effect, Compton effect, Planck's constant, black body radiation, Franck-Hertz experiment, electron diffraction, atomic emission spectra, Millikan oil drop experiment, Bragg scattering, e/m ratio for the electron, and/or other modern experiments.

PHYS 3740 Thermal and Statistical Physics (3)

Corequisite: PHYS 3005

Basic concepts of thermodynamics and statistical mechanics with emphasis on quantum statistics. The laws of thermodynamics, entropy, Maxwell-Boltzmann, Bose-Einstein and Fermi-Dirac statistics.

384 Physics (PHYS)

PHYS 3750 Laser Physics - Three hours lecture, three hours lab (4)

Corequisite: PHYS 3700

The study of lasers and nonlinear optics. Subjects may include classical optics, radiative transitions and linewidths, light absorption and stimulated emission, laser amplifiers, resonators, laser oscillators, and frequency multiplication.

PHYS 3800 Quantum Mechanics (3)

Prerequisites: PHYS 3005, 3700, 3701

Solution of quantum mechanical problems in one dimension, quantum harmonic oscillator eigenvalues and eigenvectors, Hilbert spaces, the hydrogen atom, spin, and an introduction to matrix mechanics.

PHYS 3900 Nuclear and Radiation Physics – Two hours lecture, six hours lab (4)

Prerequisite: PHYS 3700; *Corequisite:* PHYS 3901

The study of nuclear structure models, nuclear reactions, elementary particles and their interactions with matter. Experiments studying the characteristics of radioactivity, radioisotopes and detection devices.

PHYS 4000 Computational Methods - Three hours lecture, three hours lab (4)

Prerequisites: PHYS 3005, CSCI 1010 or equivalent programming course; *Corequisite:* PHYS 4001

Computational techniques used for problem solving in physics. Numerical techniques for solving ordinary differential and partial differential equations, and systems of equations; analysis of data; curve fitting and spectral methods; and numerical solutions of systems of equations. Applications of these techniques to physical problems.

PHYS 4110 Cooperative Educational Experience (6)

Prerequisites: approval of physics advisor and prior arrangement with employer

Learning experience acquired through supervised full-time salaried employment at a national research laboratory, a research institution or university, or employment in a related industrial field. Grading on a pass/fail basis.

PHYS 4150 Special Topics in Physics (1)

PHYS 4160 Special Topics in Physics (2)

PHYS 4170 Special Topics in Physics (3)

Prerequisites: six hours of upper division physics and permission of instructor

Selected topics of interest in advanced physics. Topics to be chosen by the instructor and student. May be repeated for different topics for a total of up to 15 credit hours.

PHYS 4151 Research Experience (1)

PHYS 4161 Research Experience (2)

PHYS 4171 Research Experience (3)

Prerequisite: six hours of upper division physics and permission of instructor

Research activities agreed on by the student and instructor, which may emphasize lab techniques or data acquisition and analysis. Written and oral reports are required. May be repeated for a total of up to 15 credit hours.

PHYS 4200 Introduction to Solid State Physics (3)

Prerequisites: PHYS 3010 or 3030; CHEM 1120; *Corequisite:* PHYS 3800

Crystal structure; x-ray diffraction; energy band theory; electric, magnetic, and thermal properties of materials; and recent developments in nanotechnology.

PHYS 4300 Image Processing (3)

Prerequisite: PHYS 3005

An introduction to the basic techniques of digital image processing. Modern approaches to image acquisition, image enhancement, and image analysis. A significant amount of mathematics background is required since a good portion of the course deals with spatial domain and frequency domain image operators.

PHYS 4810 Theoretical Mechanics (3)

Prerequisite: PHYS 3010

Mechanics for those who expect to do graduate studies. Vector calculus, matrices, and differential equations are freely used.

PHYS 4830 Theoretical Electricity and Magnetism (3)

Prerequisite: PHYS 3030

Electromagnetic fields for those planning to continue study at the graduate level. The mathematical level is similar to that of 4810.

PHYS 4850 Advanced Quantum Mechanics (3)

Prerequisite: PHYS 3800

Quantum mechanics for those planning to continue study at the graduate level including wave and matrix mechanics.

PHYS 4950 Independent Study in Physics (1)**PHYS 4960 Independent Study in Physics (2)****PHYS 4970 Independent Study in Physics (3)**

Prerequisites: six hours of upper division physics and permission of instructor

Current topics in physics. Topics to be chosen by student. Subject to be approved by instructor. May be repeated with permission of instructor.

POLITICAL SCIENCE (POLS)**POLS 1000 Introduction to Legal Assistance and Ethics (3)**

An examination of the paralegal/legal assistant profession, including duties, employment settings, skills, standards of conduct, and ethics.

POLS 1002 Introduction to Law (3)

An overview of the major principles and functions of the legal system. An introduction to legal fields and the work of the legal assistant in those fields.

POLS 1004 Torts (3)

A study of civil wrongs for which the victim may receive compensation and the role of the legal assistant in tort litigation.

386 Political Science (POLS)

POLS 1005 Legal Research (3)

Legal bibliography, including codes, administrative regulations, reporters, digests, encyclopedias, citations, law reviews, and treaties.

POLS 1006 Legal Writing (3)

Legal writing skills including precision and clarity, legal citation and format, drafting of law office and trial memoranda, trial court briefs, appellate briefs, and abstracting depositions.

POLS 1008 Civil Trial and Appellate Practice (3)

Civil court procedures. Preparation and use of documents involved in the trial and appeal of civil action.

POLS 1015 Paralegal Internship (3)

An internship working as a paralegal for a local attorney. The student will work 10 hours a week.

POLS 2010 American National Government (3)

Institutions and processes of American national government, including the Constitution, federalism, civil rights and liberties, the presidency, Congress, courts, political parties, elections, public opinion, media, interest groups, and the federal administrative process.

POLS 2040 Introduction to Public Policy (3)

The policy-making process with an emphasis on selected policy areas. Specific policy areas included are welfare, criminal justice, education, civil rights, energy, the environment, and regulation of the economy.

POLS 2070 International Politics (3)

The system of the nation-state, power and ideology, the diplomatic process, colonialism and imperialism, regions and crises, international organization and law, war and peace, and the United States in World Affairs.

POLS 3000 Foundations of Political Theory (3)

This course will introduce students to political theory via primary texts, with the main focus being on western political thought since the time of the ancient Greeks. However, some attention will be given to prominent non-Western political theorists.

POLS 3010 Comparative Politics (3)

A theoretical and empirical comparison of various political processes, structures, and ideologies among selected countries in four continents (Africa, Asia, Europe, and South America) designed to identify and highlight significant causes and effects of different political models and practices.

POLS 3020 American Foreign Policy (3)

The making of American foreign policy: institutions, processes, problems, and crises.

POLS 3040 U.S. Defense Policy (3)

U.S. National Defense organization, policies, procedures and players, the emergence of the current policy of engagement following the cold war, and potential future threats and challenges.

POLS 3060 Terrorism and Counter-Terrorism (3)

An in-depth examination of the contemporary phenomenon and problem of world terrorism. This course will focus on the world reality of terrorism and the war of counter-terrorism.

POLS 3070 Theories of International Relations (3)

A systematic and rigorous study of politics among states, including an examination of the principal theories concerning international systems of the past and present.

POLS 3090 The United Nations (3)

This course is designed to serve a dual purpose. Students will learn about the history, structure, and workings of the United Nations in a lecture-discussion format. Additionally, students will have the opportunity to see how the politics of the UN works through role playing.

POLS 3110 British Politics and Government (3)

Prerequisite: junior standing or permission of instructor

An examination of the evolution, traditions, institutions, processes, policies, and politics of the United Kingdom of Great Britain and Northern Ireland. The comparative perspective will be emphasized.

POLS 3120 European Politics (3)

Prerequisite: junior standing or permission of instructor

An examination of the politics, government, and unity of continental European states with an emphasis upon Germany, France, Russia, and Italy.

POLS 3140 Latin American Politics (3)

An examination of the politics and government of Central and South America and the Caribbean island states. An emphasis will be placed upon regional political trends along with profiles of the politics and government of certain states such as Mexico, Argentina, Brazil, Cuba, and Chile.

POLS 3160 African Politics (3)

The politics of sub-Saharan Africa; a comparative analysis of the behavior, participation, and structures in the various movements for the liberation of Africa. Problems relative to colonialism, East-West confrontation and internal policies are examined.

POLS 3180 Middle East Politics (3)

An examination of the history, culture, and politics of the Middle East. The countries covered are Turkey, Iran, Egypt, Syria, Lebanon, Saudi Arabia, Jordan, Iraq, Israel, and the Gulf States. The course also discusses Islam, religious fundamentalism in the region, and terrorism.

POLS 3190 Russian Politics and Government (3)

Prerequisite: junior standing or permission of instructor

An examination of the contemporary Russian political institutions, processes and state-society relations. The historical context and comparative analysis will be emphasized.

POLS 3200 Politics and Government in China (3)

Prerequisite: junior standing or permission of instructor

This course will examine the historical context and current issues of the Chinese political system. Special attention will be devoted to the US-Chinese economic interdependence and comparative analysis of the Communist and post-Communist political systems.

388 Political Science (POLS)

POLS 3300 International Political Economy (3)

Prerequisite: junior standing or permission of instructor

This course examines a number of theoretical approaches seeking to explain the politics behind the evolution of the global economic system. Main topics include: political economy of American hegemony, politics of economic disparities between global North and South, economic interdependence and politics of cooperation.

POLS 3760 Methods of Research (3)

The nature of the scientific method and basic techniques in social science research as applied to the collection, analysis, and interpretation of social and political data.

POLS 4010 Contemporary Political Ideas (3)

This course examines current trends in political theory. Topics include ideologies, the liberal communitarian debate, human rights, feminism, and postmodernism. Examples are drawn from both Western and non-Western sources.

POLS 4020 The Politics of Contemporary African American Thought and Movement (3)

An analysis of political processes, structures, organizations, opinions, and leadership from the African American perspective and African Americans having current significance.

POLS 4040 Women and Politics (3)

The role of women in politics. Women and the political process, political institutions, and public policy.

POLS 4050 Health Care Policy in the United States (3)

An examination of the development and current status of American health care policy, with particular attention to access, cost, health outcomes, and quality. The structures of health care policy and delivery and reform models will be covered.

POLS 4070 Politics in the American States (3)

Politics at the state level focusing on legal and cultural settings, political behavior, and institutions and public policy.

POLS 4080 Urban Politics (3)

Politics in urban areas with special attention to socioeconomic conditions, governmental structures, citizen participation, community power studies, metropolitan governance, and policy problems.

POLS 4130 Political Parties and Interest Groups (3)

Characteristics of the political party system, and the operation of interest groups in American politics. Party organizations, voting behavior, and campaigns are emphasized along with interest group activities and strategies.

POLS 4170 Power, Morality, and International Relations (3)

This course examines the influences of moral principles on international politics. Among the issues examined are human rights, just and unjust wars, arguments for and against redistributive justice on a global scale, legal and illegal migration, human trafficking, terrorism, environmental degradation, and the impact of different religions on international relations.

POLS 4200 The American Presidency (3)

The roles, powers, and institutions of the American Presidency.

POLS 4210 Legislative Process and Behavior (3)

Congressional elections, norms, committees, voting behavior, leadership, and legislative-executive interaction.

POLS 4220 Political Leadership (3)

This course will examine the evolution and nature of political leadership at various levels, in different branches, and among the many institutions of government and politics.

POLS 4300 Judicial Politics and Behavior (3)

The American judicial system: structure of the court system, police behavior, lawyers, juries, and judicial decision making.

POLS 4310 American Constitutional Law I (3)

Prerequisite: upper division standing

Using the case method, this course examines the development of constitutional law in America, to include the division and placement of national power, the structure and operation of the federal court system, judicial review, the limitations upon the use of judicial power, and the growth of federalism.

POLS 4320 American Constitutional Law II (3)

Prerequisite: 4310 or permission of instructor

Using the case method, this course examines important federal and Supreme Court decisions in the area of civil rights and civil liberties, to include fundamental rights, economic due process, eminent domain, mass media, and criminal law.

POLS 4330 Women and the Law (3)

Examination of how laws apply to women and when women are treated differently than men: 14th amendment, the Equal Pay Act, sexual harassment, privacy, and domestic violence.

POLS 4340 Family Law (3)

Examination of the legal issues involved in marriage, divorce, child custody, child support, and adoption.

POLS 4350 Labor and Employment Law (3)

A Political Science and Law course designed to introduce students to fundamental elements, principles, and legal rules of labor and employment/workplace law. Both Federal and State relevant laws shall be examined.

POLS 4360 Legal Mediation and Alternative Dispute Resolution (3)

An examination of legal mediation as an alternative to trials for settling civil disputes. There is a consideration of mediation procedures, ethical issues, and mediation as a profession.

POLS 4370 Juvenile Law (3)

This course is designed to provide an understanding of juvenile law. Topics covered include child abuse and neglect, juvenile criminal offenders, gangs, sexual predators, education and truancy, mental health, drug and alcohol programs, corrections, paternity, and child support.

390 Political Science (POLS)

POLS 4380 Constitutional Analysis (3)

While examining landmark Supreme Court opinions on the constitutional structure of the United States government, this course focuses on the civil rights and civil liberties guaranteed under the federal and Tennessee constitutions. Students who have taken either POLS 4310 or POLS 4320 may not enroll in this course.

POLS 4400 Politics and Mass Media (3) - (Same as COMM 4400)

The influence of the mass media on political opinions, elections, those who participate in the political arena, and public policy decisions. The uses political participants make of the mass media in shaping public opinion, conducting elections, deciding on policy issues, and the media's agenda for political coverage.

POLS 4444 Cultural Context of Political and Social Ideas (3)

Prerequisite: junior or senior standing

Capstone to integrate aspects of the Liberal Arts core with political and social concepts of freedom, justice, and equality addressed in different cultures.

POLS 4510 Communication and Public Opinion (3) - (Same as COMM 4510)

The purpose of this course is to provide an overview of the concept of "public opinion" and to explore the relationships between communication and public opinion. An important normative goal will be to explore ways to allow media messages to contribute to a healthy civic life rather than deviate from it.

POLS 451A, B, C Selected Topics in Political Science (3 each)

An examination of a selected topic by an instructor on a one-time basis.

POLS 453A, B, C Problems in Political Science (3 each)

An independent study course with supervised readings and/or research projects in selected areas of political science. Open only to political science majors with permission of the department chair.

POLS 4540 Legislative Internship Program (15)

Work as a staff member of the Tennessee Legislature. Open only to juniors, seniors, or graduate students selected to participate in the Tennessee Legislative Internship Program.

POLS 455A, B, C Government Internship (3, 6, 9)

Prerequisite: junior or senior standing

Internship in the governmental process.

PSYCHOLOGY (PSY)

PSY 1010 General Psychology (3)

A general introduction to psychology as the scientific study of behavior and mind. Sample topics include the biological bases of behavior, sensation, and perception, learning and cognition, emotion and motivation, development, abnormal behavior, personality, and social behavior.

PSY 1210 Psychology of Adjustment (3)

The study of understanding personal and social adjustment. Topics covered include the pattern of healthy development, the demands occurring in everyday life, and the nature of effective adjustment.

PSY 2010 Statistics for the Behavioral Sciences (3)

Prerequisite: MATH 1530

A basic introduction to statistics as they are applied in the behavioral sciences. Both descriptive statistics (measure of central tendency, variability, and correlation) and inferential statistics (hypothesis testing, parametric, and nonparametric tests of significance) are covered.

PSY 2210 Human Interaction (3)

Directed toward helping persons establish, maintain, and improve human contacts. Focuses upon improving listening, assertiveness problem solving, and leadership skills. Skill acquisition is enhanced through role play, taping, and group experiences.

PSY 3010 Learning and Motivation (4)

Prerequisites: PSY 1010, 2010, 3180

Provides an in-depth analysis of the different principles and theories of learning and motivation with attention to animal research. Students will apply what they learn to animal subjects to gain experience working with different species and write up their results in two (2) APA-style manuscripts. When appropriate, examples from research in children, adults, and special populations will also be provided.

PSY 3020 Physiological Psychology (4)

Prerequisites: PSY 1010, 2010, 3180

An in-depth presentation of the structural and functional characteristics of the mammalian nervous system. Students will apply what they learn to animal subjects to gain experience working with different species and write their results in two (2) APA-style manuscripts. When appropriate, examples from research in children, adults, and special populations will also be provided.

PSY 3030 Sensory Processes (4)

Prerequisites: PSY 1010, 2010, 3180

An overview of the major topics in human sensation and perception. The course will focus on sensory system structure, function, and information processing. How this information explains human perceptual abilities and limitations will be discussed. This course includes both lecture and laboratory activities.

PSY 3040 Cognitive Processes (4)

Prerequisites: PSY 1010, 2010, 3180

The scientific study of basic cognitive processes. Topics include pattern recognition, attention, memory, concept formation, reasoning, problem solving, intelligence, and language. This course includes both lecture and laboratory activities.

392 Psychology (PSY)

PSY 3050 Career Development in Psychology (3)

Prerequisites: PSY 1010 and psychology major status

Examines career development theory and the multitude of career options in psychology with or without a graduate degree. Graduate school acceptance and success will be examined. Students will evaluate options, develop a resume and research skills, complete interest inventories, identify potential careers, practice interview skills, and develop a career plan.

PSY 3100 Developmental Psychology (3)

Prerequisite: PSY 1010

This course provides an overview of the empirical evidence regarding physical, cognitive, social, and emotional changes that occur from conception to death. Emphasis will be placed on understanding the various biological, environmental, and cultural influences on human development.

PSY 3110 Child Development (3)

Prerequisite: PSY 1010 or EDUC 2100

The scientific study of human development from conception through pre-adolescence. Cognitive, physical, social, emotional, and moral areas of development will be studied through the examination of empirical, conceptual, and theoretical materials. Attention will be given to child development as it occurs in the contexts of school, family, and peer environments.

PSY 3120 Adult Development (3)

Prerequisite: PSY 1010

The scientific study of human development in the adult years. Attention will be given to continuity and change in intellectual, personality, and biological areas of development, and in the areas of family structure and career development.

PSY 3130 Introduction to Educational Psychology (3)

Prerequisite: PSY 1010 or EDUC 2100

Provides prospective teachers an understanding of the way students learn and develop. The learning process, its determining conditions, and its results will be emphasized. The course will also provide an overview of child and adolescent development as it relates to student behavior.

PSY 3180 Research Methods (3)

Prerequisites: PSY 1010, 2010

Introductory methods of psychological research are presented. An analysis of various research designs is also examined. A research proposal, following APA format, is required.

PSY 3200 Adolescent Development (3)

Prerequisite: PSY 1010 or EDUC 2100

The scientific study of human development from preadolescence through late adolescence. Cognitive, social, emotional, and physical areas of development will be studied through examination of empirical, conceptual, and theoretical materials. Attention will be given to adolescent development as it occurs in the contexts of school, family, and peer environments.

PSY 3210 Psychology of Women (3)

Examination of developmental characteristics of women, myths and stereotypes, sex roles, sexuality, lifestyles, values, achievement motivation, power, mental health, and mental disorders in women. The empirical study of the psychological issues of women will be emphasized.

PSY 3230 African American Psychology (3)

This course explores historical and contemporary psychological issues concerning persons of African American descent. Issues including racial identity, gender, worldview, and the sociocultural experiences of persons of African American descent in the diaspora will be addressed. Presentation and review of psychological theories and research will be the foundation of the course.

PSY 3280 Tests and Measurements (3)

Prerequisite: PSY 1010 or 3130

Development and use of tests will be studied. Emphasis will be given to test construction, reliability, and validity. The course provides practical experience in the development and use of instruments. Students are required to design and analyze an instrument.

PSY 3290 Introduction to Psychological Measurement (3)

Prerequisite: PSY 2010 or MATH 1530

An introduction to theory and practice in psychological measurement. Classical and modern theories of measurement are studied. The relevance and use of current measure of personality, achievement, and aptitude are examined. Various methods of collecting psychological information are surveyed.

PSY 3330 Social Psychology (3)

Prerequisites: PSY 1010

A systematic and scientific approach to the psychological problems of social and human interactions. Topics covered: attitude, altruism, attraction, attribution, aggression, social self, social influence, social cognition, social perception, leadership, group dynamics, prejudice, discrimination, and applied social psychology.

PSY 3340 Health Psychology (3)

The study of the biopsychosocial approach to health and wellness. This course emphasizes the learning of skills that lead to healthy responses to stress and the enhancement of psychological resiliency. A major focus of the course will be on the practice of skills that lead to healthy interpersonal functioning of the individual in their familial and social context.

PSY 3500 Consumer Psychology (3)

Application of psychological theory and applied research methods to the study of consumer behavior. The psychological processes that influence consumer decision making will be addressed, including problem recognition and information search, alternative evaluation and choice behavior, and post-purchase attitudes and behavior. The antecedents and consequences of consumer satisfaction will be highlighted.

PSY 4000 History and Systems of Psychology (3)

Prerequisites: PSY 1010 and junior or senior standing

The development of psychology from the philosophical antecedents to its present status as a science and a profession. Each system of ideas which has contributed to the development of psychology will be studied and evaluated.

394 Psychology (PSY)

PSY 4010 Death, Dying, and Bereavement (3)

Prerequisite: junior or senior standing or permission of instructor

An overview of death issues from a multicultural, developmental perspective. Topics covered include changing attitudes, the American death system, death across the life span, coping, supporting caregivers, ethical/legal issues, funeral and memorialization practices.

PSY 4020 Forensic Psychology (3)

Prerequisite: PSY 1010 or permission of instructor

Forensic psychology is the application of psychological research and principles to the understanding and functioning of the legal and criminal justice system. This course includes such areas as psychology in the courtroom (jury selection, competency), criminal psychology (police psychology, criminal psychopathology), and family psychology (child custody, sexual abuse).

PSY 4050 Applied Psychopharmacology (3)

Prerequisite: PSY 1010 or permission of instructor

An introduction to psychopharmacology that will examine prescription, legal and illegal drug effects on the brain and behavior, including withdrawal and abuse. Clinical, legal, and ethical aspects will also be discussed. A NIH grant proposal will also be taught and evaluated.

PSY 4060 Group Dynamics (3)

Analysis of the nature and origin of small groups and interaction processes. Emphasis on methodology, group development, conflict, decision making, leadership, and task performance.

PSY 4120 Human Factors (3)

Prerequisites: PSY 1010, 2010, 3180, and junior or senior standing or permission of instructor

Introduction to applied experimental psychology. The course covers human ability in the areas of perception, cognition, and motor skills and how this information is used in the design of machines, displays, software, and everyday appliances.

PSY 4140 Learning and Behavioral Disorders (3)

Prerequisite: PSY 1010 or 3130

An overview of theories, characteristics, assessment, and treatment of learning disabilities and behavioral disorders. Program considerations for learning disabled and behavioral disordered children will be highlighted.

PSY 4150 Behavior Modification: Theories and Practice (3)

Prerequisite: PSY 1010

Theories, principles, and techniques of cognitive and behavioral management for use in schools, clinics, hospitals, and agencies; emphasizes behavior management techniques.

PSY 4350 Psychology of Personality (3)

Prerequisites: PSY 1010 and junior or senior standing

The major theories of human personality are studied with emphasis on scientific research in the area.

PSY 4360 Abnormal Psychology (3)

Prerequisites: PSY 1010 and junior or senior standing

A consideration of various forms of psychological abnormality in terms of the settings in which they appear. Attention directed to methods of prevention and treatment. Topics covered: anxiety disorders, functional psychosis, and mental disorders with brain pathology.

PSY 4370 Introduction to Clinical Psychology (3)

Prerequisites: PSY 4360 and junior or senior standing

Introduces students to major perspectives and practices in contemporary clinical psychology. Reviews clinical interventions in response to psychopathology; focuses on case conceptualization, specialty areas within the field, and practical issues in the professional practice of psychology in clinical settings.

PSY 4380 Military Psychology (3)

Prerequisites: PSY 1010

This course provides a survey of the major areas in military psychology. Principal topics include: leadership training, persuasion and propaganda, human factors engineering, selection, classification and assignment, optimizing human performance under adverse conditions, ethnic diversity and gender issues, clinical and consulting activities and careers in military psychology.

PSY 4444 Cross-Cultural Psychology (3)

The understanding of human behavior across cultural contexts.

PSY 4500 Psychology Applied to Work (3)

Survey course covering the major topics within the field of I/O psychology, including employee selection, training, and development, performance appraisal, job analysis, leadership, work motivation, and organizational development.

PSY 4610, 4620, 4630, 4640, 4650, 4660, 4670, 4680 Special Topics (1-3 each)

Prerequisites: PSY 1010 and permission of instructor

Advanced readings and research in selected area offered on an individual basis. Primarily for those majoring in psychology.

PSY 4641 Research Experience (1)**PSY 4642 Research Experience (2)****PSY 4643 Research Experience (3)**

Prerequisites: PSY 1010 and permission of instructor

Research activities in psychology agreed on by the student and faculty instructor which may include lab activities, data collection, data management, statistical analysis, and written or oral APA style research reports. Only 6 hours of research experience may be taken and only 3 hours may count toward the 15 required psychology elective credits.

PSY 4840 Honors: Research (3)

Prerequisites: a minimum cumulative GPA of 3.0 and permission of instructor

This course is offered on an individual basis. Students are required to design, conduct, and report the results of an original research project. The student is responsible for identifying a faculty supervisor.

396 Psychology (PSY)

PSY 4850 Honors: Field Experience (3)

Prerequisites: a minimum cumulative GPA of 3.0 and permission of instructor

A field experience opportunity in which students work in the local community under the supervision of a professional. It provides a practical context in which the student can apply, integrate, and analyze classroom learning. The student is responsible for identifying a faculty supervisor and a potential field placement. The student, faculty supervisor, and field supervisor will develop a contract designating the academic responsibilities and field placement responsibilities.

QUANTITATIVE METHODS (QM)

QM 2110 Business and Economic Statistics I (3)

Prerequisites: MATH 1110 or equivalent (at least two years of high-school algebra and advanced high-school or college-level mathematics computer literacy)

An introduction to basic statistical concepts and techniques applied to business decision making. The topics covered include descriptive statistics, probability, sampling, statistical estimation, and testing of hypotheses.

QM 3110 Statistics for Business and Economics (3)

Prerequisites: MATH 1530, junior standing or permission of instructor

Intermediate level coverage of statistical concepts and techniques as applied to business and economic decision making. Major topics discussed will include hypothesis testing, analysis of variance, regression and correlation, time-series analysis, and nonparametric methods.

RADIOLOGIC TECHNOLOGY (RLTN)

RLTN 2050 Medical Terminology - One hour lecture (1)

Prerequisite: one year freshman English

Not open to students majoring or minoring in biology. An introduction to medical vocabulary including definition of terms, general usage, spelling, and pronunciation. Common prefixes, suffixes, word roots, combining forms, and abbreviations concerned with the health professions are stressed.

RLTN 3000 Introduction to Radiologic Technology - Two hours lecture (2)

Open only to majors admitted to the radiologic technology program in radiography concentration. A study of professional organizations, ethics, legal issues, radiation protection, methodology, and elementary imaging techniques.

RLTN 3010 Patient Care and Interaction - Three hours lecture (3)

Open only to majors admitted to the radiologic technology program in radiography concentration. A study of the physical and psychological needs of the family and patient, patient transfer techniques, interaction with the terminally ill, vital signs, administration of injections, pharmaceuticals, contrast media, IV and tube maintenance, urinary catheterization, ECG's, emergency medical situations, infectious disease process, and universal precautions.

RLTN 3020 Image Production and Evaluation I - Three hours lecture (3)

Prerequisite: RLTN 3000

A study of factors influencing radiographic quality and conditions influencing exposures, technique charts, and artifact analysis.

RLTN 3030 Radiographic Procedures I - Three hours lecture, four hours lab (5)

Open only to majors admitted to the radiologic technology program in radiography concentration. A study of radiographic procedures involving the chest, abdomen, upper and lower extremities, shoulder girdle, pelvis, and spine. Emphasis on equipment manipulation, quality assurance, quality control, evaluation of radiographs, and radiologic techniques.

RLTN 3040 Radiographic Image Analysis - Three hours lecture (3)

Prerequisite: RLTN 3080; *Corequisite:* RLTN 3030

Open only to majors admitted to the radiologic technology program in radiography concentration. A study designed to provide a basis for analyzing radiographic images. Included are the importance of minimum imaging standards, discussion of a problem-solving technique for image evaluation and factors that affect image quality.

RLTN 3080 Introduction to Clinical Education - Two hours (2)

Open only to majors admitted to the radiologic technology program in radiography concentration. Supervised clinical practice in performing radiographic procedures.

RLTN 3082 Clinical Education I - Two hours (2)

Prerequisites: RLTN 3000, 3010, 3020, 3030, 3080

Supervised clinical practice in performing radiographic procedures.

RLTN 3083 Clinical Education II - Two hours (2)

Prerequisites: RLTN 3000, 3010, 3020, 3030, 3082

Supervised clinical practice in performing radiographic procedures.

RLTN 3115 Image Production and Evaluation II - Two hours lecture, one hour lab (2)

Prerequisite: RLTN 3020

A study of image qualities and image production to include radiographic qualities, production, and properties of x-rays, types of distortion, primary exposure factors, and control of scatter radiation.

RLTN 3116 Radiobiology and Radiation Protection - Three hours lecture (3)

Prerequisites: RLTN 3000, 3010

A study of biological, chemical, and physical effects of radiation. Emphasis is placed on radiation measurement and exposure to minimize somatic and genetic effects.

RLTN 3117 Quality Control in Radiologic Technology - Two hours lecture (2)

Prerequisites: RLTN 3000, 3010, 3020, 3030, 3115, 3116

Equipment testing, analysis of quality control data and quality assurance data, federal government guidelines, and introduction to total quality management and procedures within the discipline of radiologic technology.

398 Radiologic Technology (RLTN)

RLTN 3140 Radiographic Procedures II - Three hours lecture, four hours lab (5)

Prerequisites: RLTN 3000, 3010, 3030

A study of procedures involving vertebral column, bony thorax, skull, facial bones, mastoids, mammography, and visceral organs requiring use of contrast media.

RLTN 4030 Radiographic Procedures III - Three hours lecture (3)

Prerequisites: RLTN 3000, 3010, 3020, 3030, 3080, 3082, 3083, 3115, 3116

A study of special procedures involving computed tomography (CT), magnetic resonance imaging (MRI), vascular studies, nuclear medicine technology (NM), and ultrasonography (US).

RLTN 4032 Clinical Education III - Two hours (2)

Prerequisites: RLTN 3080, 3082, 3083

Supervised clinical practice in performing radiographic procedures.

RLTN 4084 Clinical Education IV - Three hours (3)

Prerequisites: RLTN 3080, 3082, 3083

Supervised clinical practice in performing radiographic procedures.

RLTN 4085 Clinical Education V - Three hours (3)

Prerequisites: RLTN 3080, 3082, 3083, 4032, 4084

Supervised clinical practice in performing radiographic procedures with emphasis on advanced specialties such as MRI, CT, mammography, or cardiovascular interventional radiology.

RLTN 4116 Radiation Physics - Three hours lecture, three hours lab (4)

Prerequisites: RLTN 3000, 3010, 3020, 3030, 3080, 3083, 3115, 3116, 4032

A study of interaction of radiation matter, and formation of photographic and electronic images. An introduction of the physics of magnetic resonance imaging and computed tomography.

RLTN 4550 Radiographic Pathology - Three hours lecture (3)

Prerequisites: RLTN 3000, 3010, 3020, 3030, 3080, 3083, 3115, 3116, 4032

A study of radiographic pathology and its effect in the production of radiographs.

RLTN 4570 Management in Radiologic Technology - Two hours lecture (2)

Prerequisites: RLTN 3000, 3010, 3020, 3030, 3080, 3083, 3115, 3116, 4030, 4032, 4084, 4116, 4550

A study of management principles, organizational, administration, human resource management, and automation of radiologic departments.

RLTN 4580 Research Methodology in Radiologic Technology - Three hours lecture (3)

Prerequisites: RLTN 3000, 3010, 3020, 3030, 3080, 3083, 3115, 3116, 4030, 4032, 4084, 4116, 4550

Methods of research and design of research studies relative to radiologic science. Determination of appropriate statistical test and analysis of data will be emphasized.

RLTN 4590 Registry Review for Radiologic Technologists - Three hours lecture (3)

Prerequisites: RLTN 3000, 3010, 3020, 3030, 3080, 3083, 3115, 3116, 4030, 4032, 4084, 4116, 4550

Capstone course of the program. Synthesis and application of didactic and clinic courses. Test taking strategies and review for national certification examination will be emphasized.

RLTN 484A, B Radiologic Lab Internship (15 each)

Two semesters of internship providing practical application of the skills and abilities in radiologic technology. Students are assigned to an accredited hospital in a designated technology area of diagnostic radiology, nuclear medicine, computerized axial tomography, ultrasound, nuclear magnetic resonance, Positron emission tomography, and radiation therapy.

READING (RDG)**RDG 4010 Teaching the Language Arts: K-6 (3)**

Prerequisites: Milestone II requirements; *Corequisite:* RDG 4020, SPED 4340

Includes organization and assessment strategies, materials and methods of teaching the language arts for elementary grade students. Interrelatedness of these skills is stressed through activities which teach children of all cultures to think and communicate. A field experience is required.

RDG 4020 Teaching Reading: K-3 (3)

Prerequisites: Milestone II requirements; *Corequisite:* RDG 4010, SPED 4340

Includes scope and sequence of skills; assessment; organization strategies; materials and methods of listening; and speaking, writing, and reading for preschool and primary grade students. Interrelatedness of these skills stressed through activities which teach children of all cultures to think and communicate. A field experience is required.

RDG 4030 Literacy in the Upper Elementary Grades (3)

Prerequisites: Milestone II requirements; *Corequisite:* SCI 4020, EDUC 4040

This course is designed to provide preservice students with research-based methods and procedures of teaching a balanced literacy approach in the upper elementary grades (4-6 grades). Field-based work and a preclinical experience will be required.

RDG 4040 Content Reading (3)

Prerequisite: Milestone II requirements

A course designed for elementary teachers in the strategies for developing literacy skills in the content areas.

RDG 4050 Literature for Children (3)

Prerequisite: Milestone I requirements

Appreciation, selection, and use of children's literature as related to curriculum enhancement and the needs of children.

400 Reading (RDG)

RDG 4051 Process Writing (3)

Prerequisite: Milestone II requirements

Exploration of methods, materials, and organizational patterns by which children's writing skills can be developed and improved. Particular emphasis will be placed on the awareness and implementation of the writing process, including improved methods of evaluation of written expression.

RDG 4890 Teaching Reading in the Secondary School (3)

Prerequisite: Milestone II requirements

A course designed to prepare teachers in teaching developmental, corrective, and remedial reading on the secondary school (English classroom) level.

SCIENCE (SCI)

SCI 4020 Teaching Science I: K-6 (4)

Prerequisite: Milestone II requirements

Emphasizes basic concepts of life and physical sciences. Classes will include lecture, lab, and field experiences.

SCI 4030 Teaching Science II: K-6 (4)

Prerequisite: Milestone II requirements

Basic concepts of life and physical science; concentration on physical science conceptual schemes for elementary and middle school; integrated laboratory activities; and integration of science/technology/ society relationships.

SOCIAL WORK (SW)

SW 2110 Introduction to Social Work (3)

Definition of social work, the social work role, and social work outcome for the individual, group, organization, community, and institution in society. Introduction to and exploration of the generalist framework, problem-solving model, values, diversity, and their development in the 20th century as defined by critical thinkers in the profession.

SW 3400 Generalist Social Work Practice (3)

Prerequisite: SW 2110, 3410, 3420 and admission to the Social Work program

Exploration of each phase of the generalist framework from a strengths-oriented, ecological perspective, with emphasis on core practice skills and skill development for carrying out entry-level, direct generalist practice. A grade of "C" or higher is required in this course in order to take SW 3620 or SW 3630. This is a web-enhanced course.

SW 3410 Values, Ethics, and Diversity (3)

Prerequisite or Concurrent enrollment: SW 2110

Web course emphasizes developing heightened awareness of personal, professional, and societal values that inform decisions. It focuses on a process for ethical decision making, particularly in handling ethical dilemmas. Additionally, it explores the nature of cultural competence and diversity sensitivity.

SW 3420 Human Behavior in the Social Environment (3)

Prerequisite or Concurrent enrollment: SW 2110, PSY 1010, SOC 2010, BIOL 1040/1041

Ecological and social systems theory for integrating concepts and knowledge about human behavior through the entire life span, behavioral science at the individual, family, group, organizational, community, and societal levels. Content on race, gender, and sexual orientation.

SW 3430 Elements of Rural Practice (3)

Web course examines of the distinctive nature of rural, generalist practice, historical development, special skills, knowledge, attitudes, and values which are particularly relevant for practice in nonurban settings, as well as current issues facing rural practitioners.

SW 3440 Crisis Intervention (3)

Prerequisite: SW 2110

Exploration of crisis intervention models, processes, strategies, and skills with particular attention to HIV/AIDS, suicide, sexual assault, and family violence. This is a web-based course.

SW 3450 Human Behavior in the Macro Social Environment (3)

Prerequisite or Concurrent enrollment: SW 3400

Applying the systems framework for creating and organizing knowledge of human behavior and the social environment on the macro-scale. Exploration of the family, the group, the organization, and the community; investigation of societal dynamics surrounding ethnic, oppressed minority, and gay and lesbian communities; the connection among the biological, economic, political, social, and ethical systems; and the generalist social work problem solving model.

SW 3460 Community Mental Health: Policy and Practice (3)

Survey of current social work methods for working with the severe and persistently mentally ill, incorporating an explanation of the DSM IV and the diagnostic process. Exploration of the consumer movement and its impact on services and treatment methods, as well as a focus on advocacy for specific populations such as the homeless, alcohol and drug dependent, women, gays and lesbians, people of color, and other oppressed groups in their struggle for adequate treatment. Review of the history of work with the "insane," including the development of legal rights and precedents, and a survey of current societal biases that affect the development of a program for insuring mental health for all in society.

SW 3470 Techniques of Social Work for Groups (3)

A hands-on experience in leading groups forof people who are faced with the need for rehabilitation, skills-training, and emotional development based on social work methods.

Exploration of the ways in which people behave in groups, think about groups, and achieve life satisfaction through participating in a group. Investigation of the different group leader styles appropriate for oppressed groups such as women, gays and lesbians, people of color, and the mentally ill.

SW 3480 Living with HIV (3)

Explores psychosocial issues related to providing care to persons with HIV/AIDS. Includes basic knowledge for assessment and intervention including assessing risk behavior, risk reduction, resource linkage, and appropriate skills for serving the vulnerable client. This is a web-based course.

402 Social Work (SW)

SW 3490 Social Work and Aging (3)

This course offers an empowerment-oriented approach to social work practice with the elderly. It explores problems such as health, mental health, and financial and housing needs for this at risk group. The roles and responsibilities of the SW practitioner are clearly identified. This is a web based course.

SW 3500 Youth Gangs and Juvenile Delinquency (3)

This course promotes critical analysis of the history of youth gangs, societal response to gangs, and how youth gangs and juvenile delinquency are inter-connected. Additionally, this course explores the theories of gang involvement, juvenile delinquency, prevention and intervention with an emphasis on a family systems approach.

SW 3550 Medical Social Work (3)

Prerequisite: SW 2110

This course integrates a study of the history of health care, policy creation and service delivery in the U.S. The course utilizes a biopsychosocial perspective to study the interrelatedness of systems and the influence of diverse cultures. Practice skills are focused on chronic illness and working with caregivers and health care teams.

SW 3620 Micro Social Work Practice (3)

Prerequisite: SW 3400 with a minimum grade of "C"

Exploration of a systematic-eclectic framework for integrating a variety of theoretical perspectives for entry-level, direct generalist practice with individuals, families, and small groups. Includes selected theoretical models of social casework, family treatment, empowerment, social group work, and crisis intervention, as well as the ecosystems perspective. A minimum grade of "C" is required in this course. This is a web-enhanced course.

SW 3630 Macro Social Work Practice (3)

Prerequisite: SW 3400 with a minimum grade of "C"

Exploration of methods of social work for working with women and oppressed communities such as gays and lesbians and people of color through group work, advocacy, community organization, and community development. Students learn how to apply a macro-practice method in order to solve a macro-practice problem which they identify in a real life setting. Students are guided through an out-of-class experience in which they interview members of a community, define and analyze a problem, explore possible solutions, and then propose a specific macro-practice solution. A minimum grade of "C" is required for the course.

SW 3680 Child Welfare I (3)

This course is designed to instill knowledge and commitment to the principles of practice in the Tennessee Public Child Welfare arena. Study content specifically provides information on the characteristics of the populations served and social issues addressed by the Tennessee Department of Children's Services (DCS).

SW 3700 Child Welfare II (3)

Prerequisite: SW 3680

This is the second course in the Child Welfare Certification Program which develops the skills and treatment interventions related to social work with abused/neglected children and their families. Students will have several opportunities to develop their own skills through a variety of teaching methods.

SW 3710 School Social Work (3)

Prerequisites: SW 2110, 3400

Overview of significant issues children and adolescents bring to school. Offers tools and strategies for understanding and working within the constraints of the school environment. Covers treatment strategies that enable social workers to assist children and adolescents who have issues related to violence and trauma, parental absence, alcohol and drug abuse as well as death and loss.

SW 3770 Research Methods (3)

Prerequisites or Concurrent enrollment: SW 3400

Exploration of the scientific method through research design, hypothesis testing, and data analysis. In a hands-on process, the student is guided through formulating a research question, collecting data to answer the question, and analyzing the data for its scientific importance and its importance for social work. The importance of research for providing a knowledge base for the solution of social problems affecting oppressed groups such as women, gays and lesbians, people of color is emphasized in addition to the emphasis on values and ethics required for work with human subjects.

SW 4020 Human Sexuality (3)

Designed to prepare social workers and other professionals whose careers involve working with people having problems of human sexuality, and to increase students' awareness, factual knowledge, and understanding of human sexuality. Involves explicit films and topics some students may find offensive.

SW 4030 Child and Adolescent Mental Health (3)

This class prepares social work students to understand the children's mental health system. Any social worker providing services to children will need to be familiar with psychiatric terminology, diagnosis, medication, and the interventions provided to assist children with mental health needs.

SW 4035 Social Work with Children and Families (3)

This class explores the range of social work practice settings that help children and their families, and child and family assessment. It looks at a range of problems affecting children and their families, and specific intervention techniques to help.

SW 4040 Social Work and Family Violence (3)

This class explores the range of violence affecting families (e.g. child maltreatment, intimate partner violence, elder abuse) and prepares students to understand how violence affects families and how to intervene in families where abuse has occurred.

SW 4045 Spirituality and Social Work (3)

This course examines how social work interventions are affected by the spiritual beliefs of client, and how social workers can be more effective by including their clients' spirituality in the biopsychosocial assessment and intervention.

404 Social Work (SW)

SW 4400 Seminar for Field Instruction (1)

Prerequisite or Concurrent Enrollment: 2110, 3400, 3410, 3420, 3450, 3620, 3630, 3770, 4430, 4440; *must earn a minimum grade of "C" in SW 3400, SW 3620, SW 3630*

Overview of approved social service agencies, preparation for interviews in selected sites, and facilitates the development of a student placement profile, which includes application to the field practicum, resume, agency profile, and evidence of insurance coverage as required by CSWE. Students also meet individually with the field coordinator twice during the course. Grading on a pass/fail basis.

SW 4410 Field Instruction (12)

Prerequisites: SW 2110, 3410, 3420, 3450, 3770, 4400, 4430, 4440; *must earn a minimum grade of "C" in SW 3400, 3620, and 3630*

Educationally supervised practice activities with individuals, families, groups, organizations, and communities in an approved social service agency for thirty-two (32) hours per week over the course of the semester. Grading on a pass/fail basis.

SW 4411 Field Instruction Concurrent Seminar (3)

Corequisite: SW 4410

Integrative learning application of theoretical knowledge and social values, and skill development through direct practice activities in an approved social service agency. Includes processing learning experiences in the field agency and connecting them with theoretical perspectives on social work practice. This is a web-based course.

SW 4430 Social Policy (3)

Exploration of the process by which problems and issues in society are turned into rules, regulations, and laws. Focus on the transition from private troubles to public issues in such areas as divorce, mental illness, welfare, and child abuse, and the response of society to the needs of oppressed groups such as single parents, the elderly, women, gays and lesbians, and people of color. The role of social work and social workers in society is investigated, as well as the history of social welfare in the United States and the role of institutions in the delivery of services to people in need.

SW 4440 Law and Social Work (3)

Prerequisite: SW 3400 with a grade of "C" or higher

The course explores the legal environment of social work, the legal system, and legal concepts. Actual cases will be briefed by students. The course is taught in a seminar format similar to a law school class, and is particularly useful for pre-law students.

SW 4720 Senior Seminar (3)

Prerequisites: social work major, SW 4400 or concurrent with SW 4410, 4411

The course is designed to be the "capstone" or final synthesis and integration course for the social work major. Self-directed, independent learning is a cornerstone of the course. Prior learning recognition, assessment, and integration through construction and evaluation of a social work portfolio is the major dynamic of the course. A minimum grade of "C" is required. This is a web-based course.

SW 4900 Selected Topics in Social Work (3)

Specially selected topics of current or continuing social significance, from social work perspectives.

SW 499A, B, C Directed Individual Study (1, 2, 3)

Prerequisites: junior standing and permission of supervising faculty required

Specialized individual study under the direction of a faculty member.

SOCIOLOGY (SOC)**SOC 2010 Introduction to Sociology (3)**

Introduction to sociology as a scientific discipline. Subject matter includes sociological concepts, sociological processes, social structure, social organization, and social institutions, including family, education, politics, religion, and economy.

SOC 2050 Social Problems (3)

A survey of social subjects including family, city, public health, alcoholism, drug dependency, racial and gender inequality, work, crime, and violence.

SOC 2500 Cultural Anthropology (3)

(course renumbered from SOC 3500)

The theories and elements of culture are identified and applied to a variety of human societies. Emphasizes premodern society.

SOC 3010 Marriage and the Family (3)

Analysis of the family institution, its structure and function, and the dynamics of social change in family interaction and organization. The process of marriage examined includes dating, courtship, mate selection, engagement, and marriage. Attention to changes currently affecting the American family.

SOC 3040 Urban Sociology (3)

The history and development of cities, their relation to surrounding and rural areas, and the role of cities in the national economy and society. Attention will be given to recent and anticipated changes and accompanying problems.

SOC 3050 Race Relations and Minority Peoples (3)

Minority groups and race relations in the United States. Special attention is devoted to such groups as Blacks, Indians, Asians, and religious minorities.

SOC 3060 Contemporary Issues in the Family (3)

In-depth examination of contemporary issues that affect family functions and relations.

SOC 3070 Families Across Cultures (3)

Cross-cultural, multicultural, and historical influences on family functions, structures, and behaviors; focusing on the recognition and understanding of cultural similarities and differences.

SOC 3080 Gender and Society (3)

Gender and sexuality in American society and cross-culturally, with consideration to the role of gender in structuring identity, male/female interaction, and constraints on expanding opportunities.

406 Sociology (SOC)

SOC 3090 Sociology of Education (3)

An analysis of the American educational systems in historical, political, and economic terms in relationship to class, race, and gender stratification and social change.

SOC 3100 Popular Culture (3)

This course examines the impact of the values, beliefs, and actions promoted by popular culture (ex. movies, television, magazines, music, and fashion) on our daily lives. The course focuses on how popular culture is produced and consumed by society. The course also discusses the globalization of popular culture.

SOC 3140 Sociology of Deviant Behavior (3)

Contemporary theories of deviant behavior and major types of deviance in American society. The relationship between norms, deviance, and forms of social control; and the relationship between deviance, social disorder, and social change.

SOC 3150 Social Psychology of Everyday Life (3)

How principles of social psychology affect everyday human interaction. Covers such topics as mass media, leadership, personal attraction, communication, and the impact of the social environment on personality.

SOC 3200 Crime and Delinquency (3)

Theories of deviance as they relate to the law and methods of treatment; emphasis on causes, types, and corrective measures in criminology.

SOC 3300 Social Inequality (3)

Class analysis of the United States with focus on social and economic inequalities. Attention is given to such concepts as power, prestige, social opportunity, and dependency.

SOC 3400 Sociology of Religion (3)

Religion as a social institution with an analysis of the functions of religion for society and a comparison of major religious groups in America.

SOC 3500 Sport and Society (3)

This course encourages students to think critically about the organization of sports and how sports relate to their social lives. It critically analyzes gender, racial, socioeconomic, and body image issues relating to sport, and the functions of sport related to existing cultural ideologies.

SOC 3600 Sociology of Later Maturity and Old Age (3)

The social implications of an aging population; social and personal adjustments of the aging process; and resources for coping with roles and statuses of old age.

SOC 3700 Medical Sociology (3)

Sociocultural factors which influence the cause, recognition, definition, and treatment of illness: the development, organization, and role of the medical profession as a social institution.

SOC 3750 Population and Society (3)

Growth and change in the composition and distribution of population; causes and consequences of the “population explosion”; and other population problems in the world and the United States. Interrelationships of population variables (fertility, mortality, and migration) and social, economic, political, and ecological factors.

SOC 3760 Introduction to Social Research (3)

Prerequisite: SOC 2010

Basic techniques in social research with emphasis on the collection, analysis, and interpretation of quantitative data.

SOC 3770 Social Statistics (3)

Prerequisites: SOC 2010, MATH 1530, SOC major or permission of instructor

This course is designed to provide an introduction to statistics in the social sciences. Students will learn how to perform statistical calculations by hand, and how to execute and interpret basic SPSS programs.

SOC 3810 Collective Behavior and Social Movements (3)

The study of social movements and collective behavior as they contribute to social change.

SOC 4000 Sociology Theory (3)

Prerequisite: SOC 2010

Examination of the key questions addressed in sociology by reviewing the historical development and the current status of sociological theory.

SOC 4300 Organizational Behavior (3)

Examines the development and role of organizations in contemporary society, focusing on explanations of organizational structure, process, and change.

SOC 4400 Environmental Sociology (3)

Prerequisite: SW 3400

A comprehensive overview of the historical precursors to and the emergence of the field of environmental sociology. Topics include interactions between the physical environmental and the social world; perspectives in environmental sociology; environmental concerns, health, movements, and risks; political economy of environmental problems; environmental law and policy; environmental justice.

SOC 4410 Environmental Policy (3)

This course discusses public policy as it relates to the natural environment. The course focuses on how power/politics, science, and social values influence decisions about the natural environment. The course discusses environmental policy at the local, state, regional, national, and international levels.

SOC 4420 Environmental Justice (3)

A study of the emergence and development of environmental justice. An understanding of the interaction between the human environment and inequality among different human groups, as defined by race, class, and gender will be addressed. Topics include environmental racism; the environmental justice movement; environmental attitudes, theories, and health; and race, class, and gender disparities.

408 Sociology (SOC)

SOC 480A, B Sociology Internship (3, 6)

Prerequisite: SOC 3760 or 3770; *Sociology majors/minors with junior or senior status; permission of instructor*

This course helps students to hone their ability to use the sociological perspective in an organizational setting while gaining career experience with an internship organization.

SOC 4900 Selected Topics in Sociology (3)

Specially selected topics of current or continuing social significance from sociological perspectives. Subjects to be announced when course is scheduled. Seminar, with regular class meetings.

SOC 4910 Senior Seminar (3)

Prerequisite: SOC 3760, 4000, SOC major or permission of instructor; *Concurrent SOC 3770*

The Senior Seminar course is composed of academic activities that require students to review and integrate the areas of sociology theory, research methods and statistics.

SOC 499A, B, C Directed Individual Study (1, 2, 3)

Specialized individual study under the direction of a faculty member. Junior standing and permission of supervising faculty are required.

SPANISH (SPAN)

SPAN 1010, 1020 Elementary Spanish (4 each)

101A-101B; 102A-102B (2 each): SPAN 101A and SPAN 101B are equivalent to SPAN 1010; SPAN 102A and SPAN 102B are equivalent to SPAN 1020.

Prerequisite for SPAN 1020: SPAN 1010

Extensive practice in reading, writing, speaking, and listening.

SPAN 2010, 2020 Intermediate Spanish (3 each)

Prerequisite for SPAN 2010: SPAN 1020 or equivalent; *prerequisite for SPAN 2020:* SPAN 2010 or equivalent

A comprehensive review of Spanish along with extensive reading, close textual examination, and discussion of representative works of Spanish literature.

SPAN 2100 Basic Survival Spanish Conversation (3)

Prerequisite: second-year proficiency in Spanish

Designed to give the student skills in conversational Spanish needed for effective communication.

SPAN 3040 Study Abroad Program in Spanish: Spain and Spanish-America (6-8)

A total immersion program in Spanish and other disciplines in a Spanish-speaking country.

SPAN 304A Study Abroad - Mexico (6-8)

Prerequisite: basic knowledge of Spanish or by permission of instructor

A study program designed to provide students with a total Spanish-speaking environment which will allow a broadening of knowledge and appreciation of the Spanish language and culture. Not applicable toward major. May be repeated for credit.

SPAN 304B Study Abroad - Spain (6-8)

Prerequisite: basic knowledge of Spanish or by permission of instructor

A study program designed to provide students with a total Spanish-speaking environment which will allow a broadening of knowledge and appreciation of the Spanish language and culture. Not applicable toward major. May be repeated for credit.

SPAN 3210 Advanced Composition in Spanish (3)

Prerequisite: SPAN 2020 or permission of instructor

Free composition on assigned topics and translations to and from Spanish, from a variety of authors and topics, to develop fluency and correctness in writing Spanish.

SPAN 3220 Phonetics and Conversation in Spanish (3)

Prerequisite: SPAN 2020 or permission of instructor

A minimum of theory with extensive application in corrective phonetics to assure a high level of accuracy in Spanish pronunciation. Concentrated practice in oral command of Spanish. This course affords the student opportunities to discuss in Spanish assigned topics in order to develop confidence and accuracy in oral expression.

SPAN 3410 Business Spanish (3)

Prerequisite: SPAN 2020 or third year proficiency

Vocabulary and concepts in Spain and Spanish-American business.

SPAN 3420 Court Interpreting and Translating in Spanish (3)

Prerequisite: SPAN 2020 or third year proficiency in Spanish

Instruction in sight, simultaneous, and sequential interpreting and translating skills in preparation for possible certification by the Supreme Court of Tennessee. Vocabulary and concepts, in Spanish, used in the legal profession.

SPAN 3510 Spanish Civilization I (3)

Prerequisite: third-year proficiency in Spanish or permission of instructor

The culture and civilization of Spain from its origin to the 18th Century.

SPAN 3520 Spanish Civilization II (3)

Prerequisite: third-year proficiency in Spanish or permission of instructor

The culture and civilization of Spain from the 18th Century to the present.

SPAN 3610 Spanish-American Civilization I (3)

Prerequisite: third-year proficiency in Spanish or permission of instructor

The culture and civilization of Spanish-America from its origin to 1810.

SPAN 3620 Spanish-American Civilization II (3)

Prerequisite: third-year proficiency in Spanish or permission of instructor

The culture and civilization of Spanish-America from 1810 to present.

SPAN 3400 Special Topics: Language (3)

Prerequisite: permission of instructor

Instruction and guidance in circumstantial Spanish: health care, police emergency, translators, religious crises, technical problems, etc.

410 Spanish (SPAN)

SPAN 4100 Special Topics: Literature (3)

Prerequisite: permission of instructor

Individual projects, selected topics in authors or periods.

SPAN 4110, 4120 Independent Study in Spanish (3 each)

Students study independently in Spanish under instructor's guidance. Studies are planned to satisfy special individual needs and interests.

SPAN 4510 Survey of Spanish Peninsular Literature I (3)

Prerequisite: third-year proficiency in Spanish or permission of instructor

Peninsular literature from its origin to the 18th century.

SPAN 4520 Survey of Spanish Peninsular Literature II (3)

Prerequisite: third-year proficiency in Spanish or permission of instructor

Peninsular literature of the 19th and 20th centuries.

SPAN 4610 Survey of Spanish-American Literature I (3)

Prerequisite: third-year proficiency in Spanish or permission of instructor

Pre-Columbian Spanish-American literature to 1810.

SPAN 4620 Survey of Spanish-American Literature II (3)

Prerequisite: third-year proficiency in Spanish or permission of instructor

Spanish-American literature from 1810 to the present.

SPECIAL EDUCATION (SPED)

SPED 3000 Introduction to Special Education (3)

Prerequisite: Milestone I requirements

Identification of handicapping conditions, programs for educating the disabled, and public laws specifying responsibilities of school personnel.

SPED 3100 Early Childhood Special Education (3)

Prerequisites: Milestone I requirements

Identification of handicapping conditions, programs, and services for educating young children with disabilities (birth-five years), and public laws specifying responsibilities of programs/school personnel. A field experience is required (five hours).

SPED 3300 Characteristics of Students with Mild/Moderate Disabilities (3)

Prerequisite: Milestone I requirements

Develop an awareness of the educational needs and goals of a person with mild/moderate disabilities. The physical, emotional, and psychological characteristics will be stressed. Lecture/discussion and 15 hours of field-based experiences.

SPED 3330 Characteristics of Students with Severe Disabilities (3)

Prerequisite: Milestone I requirements

Developing and understanding of the physical, psychological, and emotional characteristics of the severely disabled. Personal and social needs will be stressed. Fifteen hours of field experience required.

SPED 3340 Developing Consultative Skills: Parents and Professionals (3)

Prerequisites: Milestone I requirements

Communication skills needed in working with parents and professionals regarding short- and long-range planning for the disabled individual.

SPED 3350 Diagnostic Assessment of Exceptional Students (3)

Prerequisites: Milestone I requirements

Techniques used to evaluate a variety of disabling conditions, on an individual basis, in special education classrooms. The student will be required to administer an array of evaluative instruments to special children in public school classrooms.

SPED 3360 Characteristics of Gifted Education (3)

Prerequisites: Milestone I requirements

This course is designed to acquaint students with the tenets of gifted education. The focus will be on characteristics of gifted learners, the history of the field, assessment practices, and the need for differentiated instruction.

SPED 4330 Behavior Management for Exceptional Students (3)

Prerequisites: Milestone I requirements

Techniques of managing classroom and other behaviors at all levels and types of exceptionality.

SPED 4340 Effective Inclusion Strategies (3)

Prerequisites: Milestone II requirements; *Corequisites:* RDG 4010, 4020

Provide instructional strategies and techniques for teachers of the mild and moderately disabled.

SPED 4350 Teaching Students with Severe Disabilities (3)

Prerequisites: Milestone I requirements

Provide instructional strategies and procedures for teachers of severely/multiple disabled. Emphasis will also be directed toward assessment techniques, use of commercial materials, and use of technology. Students will be assigned 15 hours of field experiences to facilitate application of classroom instruction.

SPED 4370 Career/Vocational Education for Exceptional Students (3)

Prerequisite: Milestone I requirements

Familiarize the student with techniques for determining job availability for disabled students, employer attitudes, necessary pre-job skills, and an awareness of community employment opportunities and other transitions into post school life.

SPED 4390 Assistive Technology in Special Education (3)

Prerequisite: Milestone I requirements

Familiarize students with the special needs of students that can be met by the use of assistive technology and equipment that is available.

SWEDISH (SWED)**SWED 1110 Swedish Language and Culture I (3)**

Prerequisite: At least one year of successfully completed full time studies at the University level

The course provides an introduction to Swedish language and literature, as well as to Swedish culture and society. The students are expected to practice their skills in spoken and written Swedish. The course is required by all international students studying at Mid-Sweden University.

SWED 1120 Swedish Language and Culture II (3)

Prerequisites: SWED 1110 and at least one year of successfully completed full time studies at the University level

The course provides an introduction to Swedish language and literature, as well as Swedish culture and society. The students are expected to practice their skills in spoken and written Swedish. The course is required by all international students studying at Mid-Sweden University.

THEATRE (THEA)**THEA 1030 Introduction to Theatre (3) - (online and on campus)**

(course renumbered from THEA 1000)

Create an awareness of the nature of theatrical art and its place in human culture. Incorporates study of history, theory, and practice of theatrical art. This is not a performance course.

THEA 1300 Acting I (3)

An analysis of the various styles and techniques of acting. Emphasis will be placed on performance through the use of improvisation, movement, and voice.

THEA 1301 Beginning Acting for Non-Majors (3)

This course is designed for non-theatre majors with an analysis of the various styles and techniques of acting. Emphasis will be placed on performance improvement through the use of improvisation, movement, and voice.

THEA 1600 Stagecraft I (3)

Corequisite: THEA 1601

Principles and techniques used in construction, rigging, handling, and maintenance of stage scenery, soft good construction and manipulation, and scenic painting. Students will participate in a combination of classroom learned techniques in the scene and costume shop and on production crews. Must be taken concurrently with THEA 1601.

THEA 1610 Stagecraft II (3)

Prerequisite: THEA 1600

Principles and techniques used in steel construction, electrics, sound, properties, and plastics. Students enrolled in this course will participate in a combination of classroom work and laboratory work, the latter consisting of practical application of classroom learned techniques in the scene shop, costume shop, light shop, and on production crews. A minimum of 40 hours in the shop is required.

THEA 2000 American Theatre (3)

History of American theatre with emphasis on changing systems of value as reflected by the drama.

THEA 2010 Oral Interpretation of Literature (3)

Study of literature through the medium of performance. Students analyze and perform selected literature. Most performances take place in class, but a public performance requirement is occasionally added.

THEA 2300 Acting II (3)

Prerequisites: THEA 1300, 1030

Analysis of styles and techniques in acting. Improvisation, movement, and voice will be developed as a means of character development.

THEA 2350 Stage Movement (3)

This course introduces principles and techniques of theatrical stage movement. It is designed to help actors and dancers make their bodies more flexible and efficient instruments of expression.

THEA 3010 Theatre: Chronicle and Concept I (3)

Prerequisites: THEA 1030, 2000

Examines history and theory of theatrical art of the Classical Era, Middle Ages, and Renaissance in Western Europe. Emphasizes theatrical space, production, and performance. Drama is considered as a plan for production rather than as literature.

THEA 3020 Theatre: Chronicle and Concept II (3)

Prerequisite: THEA 3010

Examines history and theory of theatrical art in the 18th, 19th, and 20th centuries in Western Europe. Emphasizes theatrical space, production, and performance. Drama is considered as a plan for production rather than as literature.

THEA 303A, B Summer Theatre (3 each)

Prerequisite: permission of instructor

Intensive work in a summer theatre production, in which the student functions as a performer, technician, designer, or in a combination of duties.

THEA 3080 International Studies in Theatre I (3)

Prerequisite: junior standing or approval of instructor

Exposes students to the history, development, social relevance, and artistry of theatre abroad. Students will actively examine current trends in theatre within the confines of an international component. This area of study will culminate with an international experience. Students are expected to enroll in THEA 3090, International Studies in Theatre II, the following semester.

THEA 3090 International Studies in Theatre II (3)

Prerequisites: junior standing and THEA 3080 or approval of instructor

This course is the culmination of THEA 3080. The students will experience international theatre first hand within the confines of a studies abroad program.

414 Theatre (THEA)

THEA 3200 Voice for the Actor (3)

Prerequisite: THEA 1300 or permission of instructor

Practical work on the fundamentals of vocal production for the stage. Topics include body alignment, breath support, articulation, and Standard American Stage Speech using the International Phonetic Alphabet.

THEA 3300 Acting III (3)

Prerequisite: THEA 1300

For students who intend to pursue a career in theatre on the educational or commercial level, to refine skills as well as to develop the capacity to teach the art of acting to others.

THEA 3330 Musical Theatre History (3)

A survey course of the history of musical theatre from operetta to present day, with an emphasis on select shows and significant contributors to the genre.

THEA 3350 Musical Theatre Workshop (3)

Corequisite: THEA 335L or two semesters of vocal study (one semester may be concurrent)

A performance-oriented study of musical theatre, composers, and styles to improve students' audition and performance skills.

THEA 335L Musical Theatre Workshop Lab (1)

Corequisite: THEA 3350

Individual instruction in techniques using the body and voice to prepare the student for opportunities in musical theatre performance.

THEA 3400 Directing (3)

Prerequisites: THEA 1030, 1300, 1600, 2300, and junior status

The theories, problems, and techniques of stage direction. Each student is required to produce and direct the performance of a theatrical event, selected with the advice and consent of the instructor.

THEA 3450 Creative Drama for Children (3)

Designed to demonstrate how theatre may be used as both means and end to teach the elementary school child. Included will be theatre projects, group and single, involving puppetry and live theatre.

THEA 3500 Stage Dialects (3)

Prerequisites: THEA 3200 or permission of instructor

Training in the use of region-specific dialects common in theatrical performance. Topics include IPA transcription, sound substitutions, and resonant focus.

THEA 3700 Scenic Design (3)

Prerequisites: THEA 1030, 1600

Exposes the student to theatre design in the area of Scenery. Emphasis placed on script analysis and the implementation of various design elements. Students will explore working in a collaborative atmosphere with others on the production team.

THEA 380A-H Stagecraft Practicum (2)

Supervised work on the plays produced by the department or other departmental approved productions. A minimum of 60 clock hours shall be required for academic credit. Only one (1) course per term. This course cannot be substituted for required courses or electives in the concentration. Grading on a pass/fail basis.

THEA 388A-H Performance Practicum (2)

Supervised acting in plays produced and sponsored by the department. A minimum of 60 clock hours shall be required for academic credit. Only one (1) course per term. This course cannot be substituted for required courses or electives in the concentration. Grading on a pass/fail basis.

THEA 3890 Costume Design (3)

This course will explore all aspects of theatrical costuming, from character analysis through design concept to realization. The student will develop skills in basic costume construction, as well as techniques such as draping, flat-patterning, and sewing both by hand and machine.

THEA 4000 Makeup Design (3)

This is a hands-on course that explores design and application techniques of two and three dimensional theatrical makeup.

THEA 420A, B, C Independent Research (2 each)

Prerequisites: junior or senior standing and permission of instructor

Opportunity for directed scholarly research in an area of special interest to the student. Enrollment accepted only after professor has approved a written project proposal from the student.

THEA 4300 Lighting Design (3)

Prerequisite: THEA 1600

Exposes the student to theatre design in the area of lighting. Emphasis placed on script analysis and the implementation of various design elements. Students will explore working in a collaborative atmosphere with given scenic and costume designs.

THEA 4400 Advanced Scenography (3)

Prerequisites: THEA 1600, 3700, and 4300 or 3890

Exposes the student to the computerized world of theatrical design. Allows the student to explore scenic, lighting, and costume design programs. Emphasis will be placed on both previously designed pieces as well as new designs. This is a hands-on, seminar-oriented class.

THEA 4500 The Business of Theatre (3)

Prerequisites: THEA 1030 and a basic knowledge of computer technology

Covers basic business and managerial skills related to theatre, with emphasis on amateur and educational companies. Topics include development of budgets and business office procedures, box office and house management, and computer software applications and techniques.

416 Theatre (THEA)

THEA 4550 Roy Acuff Chair Seminar (4)

Prerequisites: THEA 1600, 1300 or may be taken simultaneously with the approval of Theatre Coordinator and the Roy Acuff Chair recipient

Offered once every four years; allows the student to take a class with a theatre practitioner of national/ international reputation. The theatre artist selected as the Roy Acuff Chair recipient might be an actor, director, designer, playwright, and/or screenwriter. The student is exposed to the realistic demands of his/her chosen area in the field of professional theatre.

THEA 460C-H Special Topics in Technical Theatre (3 each)

Prerequisites: THEA 1030, 1600 or permission of instructor

Examines the theory and practice of technical theatre ranging from costumes to lighting.

THEA 4650 Direction and Performance for the Camera (3)

Prerequisites: junior standing and approval of instructor(s)

Designed to provide interaction between students in broadcast media and theatre. Through lecture, exercise, scene work, and technology, students will be introduced to the special skills necessary to produce and act in film and TV. Rotation of roles of technician, director, and performer to insure an understanding of the process behind and in front of the camera.

THEA 460X Special Topics in Theatre Arts (3)

Prerequisite: THEA 1030 or permission of instructor

Concentrated study in specific areas of theatre. In-depth research on specific artists, movements, periods, current issues, and/or problems in theatre. Topics to be announced. May be repeated, but credit is limited to three hours per topic.

THEA 4700 Topics in Women's Theatre (3)

Examines the theory and practice of special topics in women's theatre. Special topics include the works of Eve Ensler, Caryl Churchill, Maria Irene Fornes, Beth Henley, Marsha Norman, and others.

THEA 4800 Theatre Practicum (3)

Prerequisites: THEA 3700 and permission of instructor

The student will undertake, under close supervision of the instructor, one major aspect of a production selected in conference with the departmental faculty.

THEA 4900 Playwriting (3) (cross listed with ENGL 4900)

Designed to give the student opportunity for written expression in the dramatic form. Play structure will be studied and practically applied.

THEA 4950 Advanced Playwriting (3) (cross listed with ENGL 4950)

Prerequisite: THEA 1030 or ENGL 4900 or THEA 4900, and sophomore standing or higher

Revising plays and one-act scripts for stage performance.

WOMEN'S AND GENDER STUDIES (WS)

WS 2050 Women and Culture: Introduction to Women's Studies (3)

Prerequisite: ENGL 1020

An introduction to fundamental principles of women's studies, especially the cultural roles, depictions, and experiences of women, past and present; the cultural construction of gender; and the impact of feminist movements upon women's lives. A multi-cultural perspective is provided.

WS 300A, B, C Selected Topics in Women's Studies (3 each)

Examination of a selected topic relevant to issues of women or gender, offered on a one-time basis.

WS 3050 Women in the Arts (3)

An interdisciplinary, cross-cultural survey of women in the arts. Major emphasis on the visual arts and literature, with attention also to the performing arts. Topics include both the contributions and depictions of women in the arts.

WS 3060 Vagina Monologues (3)

Prerequisite: ENGL 1020

Examines issues addressed in Eve Ensler's script in national and international contexts, including women's sexuality, women's body history, racism, violence against women, women's spirituality, and the perception of lesbianism. A major component of the course is the production of the play as part of the international V-Day movement.

WS 3070 Women and Film (3)

Prerequisite: ENGL 1020, WS 2050

This course will examine women as subjects and objects in film, and women filmmakers. Emphasis will be placed on analyzing films for constructions of gender, race, ethnicity, sexual orientation, and class.

WS 3080 Women's Studies Practicum (3)

Prerequisites: WS 2050, 6 hours of WS courses, and junior standing

Supervised professional and/or social justice work experience that synthesizes the student's program of study. The student is responsible for negotiating with the coordinator of women's studies for placement. The student, faculty supervisor and professional or community supervisor will develop a contract of academic and placement responsibilities.

WS 4010 Capstone Seminar in Women's Studies (3)

Prerequisites: WS 2050 and three hours of WS courses

Students will examine upper-division readings in feminist theory, culminating in a research project and presentation.

APSU Center @ Fort Campbell

School of Technology and Public Management

Location: SSG Glenn H. English, Jr., Army Education Center, Room 140

Phone: 931-221-1400

Website: <http://www.apsu.edu/apfc/>

The APSU Center @ Fort Campbell (APC@FC) is home to the School of Technology and Public Management (STPM). The School of Technology and Public Management is composed of three departments: Public Management and Criminal Justice, Engineering Technology, and Professional Studies. In addition to the courses offered through the SPTM, APC@FC also offers courses to fulfill the Common General Education Core requirements of the Tennessee Board of Regents and to meet the requirements of the Associate of Science in Liberal Arts.

Mission Statement

The mission of the APSU Center @ Fort Campbell is to prepare our military and civilian students with a preprofessional focus toward the acquisition and development of the necessary skills, knowledge, and abilities required for entry into and/or advancement in their academic, professional, technical, or management fields of endeavor or career choices. With focused learning, modern equipment, and varied methods of instruction by quality faculty, we assist our students through a process of academic rigor, but also with a customer orientation and personal attention. Our diverse student body is both traditional and non-traditional and, along with our faculty, are committed to workforce development at the local, state, and federal levels.

Calendar

Fort Campbell operates on five eight-week terms: Fall I (August - October), Fall II (October - December), Spring I (January - March), and Spring II (March - May) and Summer III (May - July). The official calendar for Fort Campbell is published in this Bulletin and will be published in the Fort Campbell Schedule of Classes.

420 APSU Center @ Fort Campbell

Academic Advising

See page 53.

Grade Reporting

See page 57.

Textbooks

The APSU Center @ Fort Campbell Bookstore, located in the Army Education Center, stocks textbooks that are required for scheduled courses. Students are strongly encouraged to attend the first class meeting to ensure that the course will be offered and the exact text requirements are understood before making purchases. Checks, money orders, Visa, MasterCard, or cash are acceptable for payment. The APSU Bookstore has several textbook buy backs each year.

Admission Requirements

See page 25.

Financial Aid

Students planning to attend APSU Center @ Fort Campbell may apply for financial assistance. Students should complete and submit the Free Application for Federal Student Aid (FAFSA), which is available at APSU Center @ Fort Campbell or via the web at www.fafsa.ed.gov. Students should file an application for admission to the University at the same time they apply for financial aid. Students who qualify for financial assistance will be notified by an award letter from the Student Financial Aid Office. The award will be divided into four (4) disbursement periods consistent with the four-term schedule per academic year offered through APSU Center @ Fort Campbell. Please refer to the financial aid section of this Bulletin to view the types of federal aid that are available. Also, please visit www.apsu.edu/financialaid for more information.

Registration Procedures

Registration procedures, dates, and information are announced prior to the beginning of each term. Fees for registration must be paid at the time of registration. Current policy stipulates that, while all classes and programs are open to the public, active duty military personnel will have first priority.

Drop/Add

See pages 57.

Dean's List

See page 67.

Degrees and Academic Programs

APSU Center @ Fort Campbell is presently scheduled to offer courses leading to the following degrees:

BACHELOR OF SCIENCE DEGREE with majors in:

Criminal Justice

Concentration:

Homeland Security

Engineering Technology

Concentrations:

General

Electrical (with Electronic emphasis)

Electrical (with Robotics emphasis)

Manufacturing Engineering Technology

Manufacturing (with Robotics emphasis)

Professional Studies

Technical Studies

Public Management (see page 420)

Concentrations:

General Management

Criminal Justice

ASSOCIATE OF SCIENCE DEGREE with a major in:

Liberal Arts

Concentration:

General Studies

ASSOCIATE OF APPLIED SCIENCE DEGREE in:

Management Technology

Concentrations:

Management Technology

Restaurant Management

Occupational Studies

Concentrations:

Automotive Technology

Construction Technology

Electronics Technology

Academic Status and Retention

See page 66.

General Requirements for an Associate Degree

The following Associate degree programs are offered through the School of Technology and Public Management at the APSU Center @ Fort Campbell:

- The Associate of Science in Liberal Arts is designed as a University transfer leading to a bachelor's degree.
- The Associate of Applied Science is an occupational degree and does not fulfill Liberal Arts core requirements for a baccalaureate degree.

The general requirements for the associate's degree are as follows:

1. Earn the required number of credits as indicated in the program of study;
2. Earn no more than half of the required credits by non-traditional means;
3. Have a minimum cumulative grade point average of at least a "C" (2.00) average;
4. Have a minimum grade point average of at least a "C" (2.00) in the required specialization for the Associate of Applied Science degree;
5. Complete the Application for Graduation by the deadline, as published in the Fort Campbell SCHEDULE OF CLASSES; and
6. Have fifteen (15) APSU semester credit hours.

School of Technology and Public Management

REQUIREMENTS FOR THE ASSOCIATE OF SCIENCE DEGREE (A.S.) IN LIBERAL ARTS

Requirements for the Associate of Science Liberal Arts curriculum of 60 hours must be met as outlined below, including the 41 hours in the six specified areas and 19 additional elective hours.

MAJOR: LIBERAL ARTS (60 HOURS)

Advisors: M. Jones, T. Zanders

I Communications 9 hours

- A. ENGL 1010 (3) - English Composition I
- B. ENGL 1020 (3) - English Composition II
- C. COMM 1010 (3) - Fundamentals of Public Speaking

II History 6 hours

Select any two courses from:

- A. HIST 2010 - American History I (3)
- B. HIST 2020 - American History II (3)
- C. HIST 2030 - History of Tennessee (3)

III Humanities and/or Fine Arts. 9 hours

- A. ENGL 2030 - Traditions in World Literature (3)

Select one course from two disciplines below:

- B. ART 1030 - Art Appreciation (3)
- C. MUS 1030 - Music Appreciation (3)
- D. MUS 2030 - World Music (3)
- E. PHIL 1030 - Introduction to Philosophy (3)
- F. PHIL 1040 - Introduction to Ethics (3)
- G. PHIL 2200 - Religion and the World (3)
- H. THEA 1030 - Introduction to Theatre (3)

IV Mathematics. 3 hours

Select one course from:

- A. MATH 1010 - Mathematical Thought and Practice (3)
- B. MATH 1420 - Structure of Mathematical Systems (3)
- C. MATH 1530 - Elements of Statistics (3)
- D. MATH 1710 - Pre-Calculus (Algebra) (3)
- E. MATH 1730 - Pre-Calculus (4)
- F. MATH 1810 - Elements of Calculus (3)
- G. MATH 1910 - Calculus and Analytic Geometry (5)

V Natural Sciences 8 hours

Select any two courses from:

- A. ASTR 1010 - Planetary Astronomy (4)
- B. ASTR 1020 - Stellar Astronomy (4)
- C. BIOL 1010 - Principles of Life (4)
- D. BIOL 1020 - Diversity of Life (4)
- E. BIOL 1040 - Human Biology (4)
- F. BIOL 1110 - Principles of Biology (4)
- G. BIOL 2010 - Human Anatomy and Physiology I (4)
- H. BIOL 2020 - Human Anatomy and Physiology II (4)
- I. CHEM 1010 - Chemistry, Society, and the Environment I (4)

- J. CHEM 1020 - Chemistry, Society, and the Environment II (4)
- K. CHEM 1110 - General Chemistry I (5)
- L. CHEM 1120 - General Chemistry II (5)
- M. CHEM/PHYS 1710 - Introduction to Chemistry and Physics (4)
- N. GEOL 1040 - Physical Geology (4)
- O. GEOL 1050 - Historical Geology (4)
- P. PHYS 1010 - Conceptual Physics I (4)
- Q. PHYS 1020 - Conceptual Physics II (4)
- R. PHYS 2010 - College Physics, Algebra, and Trigonometry (5)
- S. PHYS 2020 - College Physics (5)
- T. PHYS 2110 - University Physics I (Calculus-based) (5)
- U. PHYS 2120 - University Physics II (Calculus-based) (5)

VI Social and Behavioral Sciences 6 hours

Select one course from two disciplines below:

- A. AAST 2200 - Introduction to African American Studies (3)
- B. COMM 2020 - Media, Society, and the Individual (3)
- C. ECON 2010 - Principles of Macroeconomics (3)
- D. GEOG 1010 - Physical Geography (3)
- E. GEOG 1020 - Geography of the Developed World (3)
- F. GEOG 1030 - Geography of the Developing World (3)
- G. HHP 1250 - Wellness Concepts and Practices (3)
- H. HIST 1210 - World History I (3)
- I. HIST1220 - World History II (3)
- J. POLS 2010 - American National Government (3)
- K. POLS 2040 - Introduction to Public Policy (3)
- L. POLS 2070 - International Politics (3)
- M. PSY 1010 - General Psychology (3)
- N. SOC 2010 - Introduction to Sociology (3)
- O. SOC 2050 - Social Problems (3)
- P. SOC 2500 - Cultural Anthropology (3)

VII General Education Electives 19 hours

Bachelor of Science Degree (B.S.)

Department of Engineering Technology

School of Technology and Public Management

Location: SSG Glenn H. English, Jr., Army Education Center

Bldg. 202 - Room 138, Fort Campbell, KY

Phone: 931-221-1470

The four-year Bachelor of Science degree program in Engineering Technology prepares graduates for careers transforming engineering concepts into reality through practical applications of technology. This requires knowledge of engineering and scientific principles; a practical understanding of manufacturing processes, materials, machinery, and electronics; written, oral, and graphic communication skills; and hands-on training. This program is closely related to training for engineers, but places greater emphasis on practical aspects and hands-on experiences.

424 APSU Center @ Fort Campbell

ENGINEERING TECHNOLOGY (B.S.)

We offer two accredit concentrations electrical with options in electronics and robotics, and in manufacturing with options in manufacturing and robotics. The two concentrations are accredit by Technology Accreditation Commission of Accreditation Board of Engineering and Technology (TAC of ABET). We also offer a general concentration with specialization options in civil and mechanical engineering technology. The combination of our technological major and Austin Peay's liberal arts core is a unique strength of our program. The core helps students develop communication skills, critical thinking abilities, and values for responsible living.

From our facilities at the APSU Center @ Fort Campbell, we offer courses for both main campus and Fort Campbell students. We offer both daytime and evening courses to accommodate students who work while attending Austin Peay. We encourage students to take internships or other job opportunities in industry so they can get practical experience while completing their degrees.

In addition to the Bachelors Degree program in Engineering Technology, we offer an Associates Degree program at Fort Campbell in Electronics Technology. We also offer a minor in Engineering Technology. This is strongly recommended for students in business, technical writing, and other areas where graduates may join technological enterprises. Following is a program of study; students should use this as a guide, and should consult with their major advisor when selecting courses. A minor is not required with this distributive major. For transfer students, the department chair and faculty will evaluate Engineering Technology transfer courses and will determine whether courses satisfy specific degree requirements or count as electives.

Capstone Project Courses requirements: Designated capstone courses include integrative experience projects where students use diverse elements from the curriculum in a project simulating work in industry. These courses are to be taken in the student's final year, and registration is by permit only. To be allowed to take a capstone course, students should have:

- Met all lower division engineering technology, math, science, writing, and public speaking course requirements; and
- Met at least 33 credit hours of upper division major course requirements including both upper division core and concentration courses.

Students should see their faculty advisor for more information and for permission to take a capstone course.

To be approved for graduation, students must be on the graduation list and must complete both the University exit exam and the department exit interview.

ELECTRICAL CONCENTRATION WITH ELECTRONICS OPTION

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshmen Seminar Requirement	1

For Engineering Technology majors:

- 1) PHYS 2010 College Physics and PHYS 2011 College Physics Lab (5 Cr. Hr), and PHYS 2020 College Physics and PHYS 2021 College Physics Lab (5 Cr. Hr) will be used to meet core requirements in science.
- 2) MATH 1530: Elements of Statistics will be used to meet core requirements in mathematics.

Lower Division Major ENGT Core Requirements:	27
ENGT 1000 Introduction to Engineering	3

APSU Center @ Fort Campbell 425

ENGT 1020	Computer Aided Design	3
ENGT 2000	Manufacturing Processes	3
ENGT 2010	DC Circuits	3
ENGT 2020	Robotic Fundamentals	3
ENGT 2030	AC Circuits	3
ENGT 2730	Introduction to Solid Modeling	3
MATH 1730 or ENGT 1200	Precalculus or Applied Math for Engineering	3
MATH 1810 or ENGT 1400	Elements of Calculus or Applied Calculus for Engineering	3

Upper Division Major ENGT Core Requirements 18

ENGT 3000	Materials Science	3
ENGT 3010	Engineering Economics	3
ENGT 3020	Statics and Strengths of Materials	3
ENGT 3030	Thermodynamics	3
ENGT 3040	Power Transfer	3
ENGT 3050	Problem Solving	3

CONCENTRATION

Electrical Concentration Core

Credit Hours
18

ENGT 3200	Electronics Fundamentals I	3
ENGT 3220	Digital Design I	3
ENGT 3240	Electronics Fundamentals II	3
ENGT 3250	Digital Design II	3
ENGT 3260	Microprocessor	3
ENGT 4150	Programmable Logic Controls	3

Electronics Option

Credit Hours
18

ENGT 3280	Communications Systems I	3
ENGT 4220	Communications Systems II	3
ENGT 4200	Linear Electronics	3
ENGT 4210	Control Systems	3
<i>Plus 6 credit hours from the following ENGT Electives:</i>		
ENGT 3100	Robotic Applications	3
ENGT 3800	Computer Aided Manufacturing	3
ENGT 4120	Sensor and Vision	3
ENGT 4850	Computer Integrated Manufacturing	3

ELECTRICAL CONCENTRATION WITH ROBOTICS OPTIONS

General Education (see TBR Common Core)

Credit Hours

University-Wide Freshmen Seminar Requirement

41

1

426 APSU Center @ Fort Campbell

For Engineering Technology Majors

- 1) PHYS 2010 College Physics and PHYS 2011 College Physics Lab (5 Cr. Hr), and PHYS 2020 College Physics and PHYS 2021 College Physics Lab (5 Cr. Hr) will be used to meet core requirements in science.
- 2) MATH 1530: Elements of Statistics will be used to meet core requirements in mathematics.

Lower Division Major ENGT Core Requirements

27

ENGT 1000	Introduction to Engineering	3
ENGT 1020	Computer Aided Design	3
ENGT 2000	Manufacturing Processes	3
ENGT 2010	DC Circuits	3
ENGT 2020	Robotic Fundamentals	3
ENGT 2030	AC Circuits	3
ENGT 2730	Introduction to Solid Modeling	3
MATH 1730 or ENGT 1200	Precalculus or Applied Math for Engineering	3
MATH 1810 or ENGT 1400	Elements of Calculus or Applied Calculus for Engineering	3

Upper Division Major ENGT Core Requirements

18

ENGT 3000	Materials Science	3
ENGT 3010	Engineering Economics	3
ENGT 3020	Statics and Strengths of Materials	3
ENGT 3030	Thermodynamics	3
ENGT 3040	Power Transfer	3
ENGT 3050	Problem Solving	3

CONCENTRATION

Electrical Concentrations Core

Credit Hours

18

ENGT 3200	Electronics Fundamentals I	3
ENGT 3220	Digital Design I	3
ENGT 3240	Electronics Fundamentals II	3
ENGT 3250	Digital Design II	3
ENGT 3260	Microprocessor	3
ENGT 4150	Programmable Logic Controls	3

Robotics Option

Credit Hours

18

ENGT 3100	Robotic Applications	3
ENGT 3800	Computer Aided Manufacturing	3
ENGT 4120	Sensor and Vision	3
ENGT 4850	Computer Integrated Manufacturing	3
<i>Plus 6 credit hours from the following ENGT Electives:</i>		
ENGT 3280	Communications Systems I	3
ENGT 3610	Production Operation Management	3
ENGT 3810	Plastic Manufacturing	3
ENGT 3830	Metal Manufacturing	3

ENGT 4200	Linear Electronics	3
ENGT 4210	Control Systems	3
ENGT 4220	Communications Systems II	3
ENGT 4500	Occupational Safety and Health	3
ENGT 4991	Special Problem	3

MANUFACTURING CONCENTRATION

Credit Hours

General Education (see TBR Common Core)	41
University-Wide Freshmen Seminar Requirement	1

For Engineering Technology Majors

- 1) PHYS 2010 College Physics and PHYS 2011 College Physics Lab (5 Cr. Hr). and PHYS 2020 College Physics and PHYS 2021 College Physics Lab (5 Cr. Hr) will be used to meet core requirements in science.
- 2) MATH 1530: Elements of Statistics will be used to meet core requirements in mathematics.

Lower Division Major ENGT Core Requirements 27

ENGT 1000	Introduction to Engineering	3
ENGT 1020	Computer Aided Design	3
ENGT 2000	Manufacturing Processes	3
ENGT 2010	DC Circuits	3
ENGT 2020	Robotic Fundamentals	3
ENGT 2030	AC Circuits	3
ENGT 2730	Introduction to Solid Modeling	3
MATH 1730 or ENGT 1200	Precalculus or Applied Math for ENGT	3
MATH 1810 or ENGT 1400	Elements of Calculus Applied Calculus for ENGT	3

Upper Division Major ENGT Core Requirements 18

ENGT 3000	Materials Science	3
ENGT 3010	Engineering Economics	3
ENGT 3020	Statics and Strengths of Materials	3
ENGT 3030	Thermodynamics	3
ENGT 3040	Power Transfer	3
ENGT 3050	Problem Solving	3

CONCENTRATION

Credit Hours

Manufacturing Concentration Core 18

ENGT 3610	Production Operation Management	3
ENGT 3800	Computer Aided Manufacturing	3
ENGT 3810	Plastic Manufacturing	3
ENGT 3850	Manufacturing Process II	3
ENGT 4800	Machine Design	3
ENGT 4850	Comp Integrated Manufacturing	3

428 APSU Center @ Fort Campbell

Manufacturing		Credit Hours
ENGT 3830	Metal Manufacturing	3
ENGT 4720	Advanced CAD	3
ENGT 4810	Advanced Manufacturing	3
ENGT 4890	Manufacturing Capstone	3
<i>Plus 6 credit hours from the following ENGT Electives:</i>		
ENGT 3100	Robotic Applications	3
ENGT 3650	Statistical Quality Control	3
ENGT 3660	Managerial Dynamics and Stimulation	3
ENGT 3840	Dynamics	3
ENGT 3990	Cooperative Work Experience II	3
ENGT 4150	Programmable Logic Controls	3
ENGT 4500	Occupational Safety and Health	3
ENGT 4710	Fluid Mechanics	3
ENGT 4870	Facilities and Equipment for Environment ENGT	3
ENGT 4991	Special Problems	3

MANUFACTURING CONCENTRATION WITH ROBOTICS OPTION

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshmen Seminar Requirement	1

For Engineering Technology Majors

- 1) PHYS 2010 College Physics and PHYS 2011 College Physics Lab (5 Cr. Hr), and PHYS 2020 College Physics and PHYS 2021 College Physics Lab (5 Cr. Hr) will be used to meet core requirements in science.
- 2) MATH 1530: Elements of Statistics will be used to meet core requirements in mathematics.

Lower Division Major ENGT Core Requirements:	24
ENGT 1000	Introduction to Engineering 3
ENGT 1020	Computer Aided Design 3
ENGT 2000	Manufacturing Processes 3
ENGT 2010	DC Circuits 3
ENGT 2020	Robotic Fundamentals 3
ENGT 2030	AC Circuits 3
ENGT 2730	Introduction to Solid Modeling 3
MATH 1730 or MATH 1810 or ENGT 1200	Precalculus or Elements of Calculus or Applied Math for ENGT 3

Upper Division Major ENGT Core Requirements	18
ENGT 3000	Materials Science 3
ENGT 3010	Engineering Economics 3
ENGT 3020	Statistics and Strengths of Materials 3
ENGT 3030	Thermodynamics 3
ENGT 3040	Power Transfer 3
ENGT 3050	Problem Solving 3

CONCENTRATION

		Credit Hours
Manufacturing Concentration Core		18
ENGT 3610	Production Operation Management	3
ENGT 3800	Computer Aided Manufacturing	3
ENGT 3810	Plastic Manufacturing	3
ENGT 3850	Manufacturing Process II	3
ENGT 4800	Machine Design	3
ENGT 4850	Comp Integrated Manufacturing	3
Robotics Option		18
ENGT 3100	Robotic Applications	3
ENGT 3220	Digital I	3
ENGT 3260	Microprocessor	3
ENGT 4120	Sensor and Vision	3
ENGT 4150	Programmable Logic Controllers	3
<i>Plus 3 credit hours from the following ENGT Electives:</i>		
ENGT 3250	Digital Design II	3
ENGT 3650	Statistical Quality Control	3
ENGT 3830	Metal Manufacturing	3
ENGT 3990	Cooperative Work Experience II	3
ENGT 4500	Occupational Safety and Health	3
ENGT 4810	Advanced Manufacturing	3
ENGT 4991	Special Problem	3

GENERAL CONCENTRATION WITH CIVIL EMPHASIS

		Credit Hours
General Education (see TBR Common Core)		41
University-Wide Freshmen Seminar Requirement		1

For Engineering Technology Majors

- 1) PHYS 2010 College Physics and PHYS 2011 College Physics Lab (5 Cr. Hr), and PHYS 2020 College Physics and PHYS 2021 College Physics Lab (5 Cr. Hr) will be used to meet core requirements in science.
- 2) MATH 1530: Elements of Statistics will be used to meet core requirements in mathematics.

Lower Division Major ENGT Core Requirements		24
ENGT 1000	Introduction to Engineering	3
ENGT 1020	Computer Aided Design	3
ENGT 2000	Manufacturing Processes	3
ENGT 2010	DC Circuits	3
ENGT 2020	Robotic Fundamentals	3
ENGT 2030	AC Circuits	3
ENGT 2730	Introduction to Solid Modeling	3
MATH 1730 or ENGT 1200	Precalculus or Applied Math for ENGT	3
ENGT 1400	Applied Calculus for ENGT	3

430 APSU Center @ Fort Campbell

Upper Division Major ENGT Core Requirements **18**

ENGT 3000	Materials Science	3
ENGT 3010	Engineering Economics	3
ENGT 3020	Statics and Strengths of Materials	3
ENGT 3030	Thermodynamics	3
ENGT 3040	Power Transfer	3
ENGT 3050	Problem Solving	3

CONCENTRATION

General Concentration Core

Credit Hours
24

ENGT 3100	Robotic Applications	3
ENGT 3200	Electronics Fundamentals I	3
ENGT 3220	Digital Design I	3
ENGT 3840	Dynamics	3
ENGT 3850	Manufacturing Process II	3
ENGT 4500	Occupational Safety	3
ENGT 4150	Programmable Logic Controllers	3
ENGT 4720	Advanced CAD	3

Civil Emphasis

Plus 12 credit hours from the following ENGT Electives:

12

ENGT 1720	Plane Surveying	3
ENGT 2500	Construction Materials and Methods	3
ENGT 3500	Contracts Management	3
ENGT 3710	Introduction to Environmental Engineering Technology	3
ENGT 3720	Architectural CAD	3
ENGT 3790	Construction Planning and Estimating	3
ENGT 3990	Cooperative Work Experience II	3
ENGT 4020	Architectural Structure Design	3
ENGT 4710	Fluid Mechanics	3

GENERAL CONCENTRATION WITH MECHANICAL EMPHASIS

Credit Hours

General Education (see TBR Common Core)

41

University-Wide Freshmen Seminar Requirement

1

For Engineering Technology majors

- 1) PHYS 2010 College Physics and PHYS 2011 College Physics Lab (5 Cr. Hr), and PHYS 2020 College Physics and PHYS 2021 College Physics Lab (5 Cr. Hr) will be used to meet core requirements in science.
- 2) MATH 1530: Elements of Statistics will be used to meet core requirements in mathematics.

Lower Division Major ENGT Core Requirements

27

ENGT 1000	Introduction to Engineering	3
ENGT 1020	Computer Aided Design	3
ENGT 2000	Manufacturing Processes	3
ENGT 2010	DC Circuits	3

APSU Center @ Fort Campbell 431

ENGT 2020	Robotic Fundamentals	3
ENGT 2030	AC Circuits	3
ENGT 2730	Introduction to Solid Modeling	3
MATH 1730 or ENGT 1200	Precalculus or Applied Math for ENGT	3
MATH 1810 or ENGT 1400	Elements of Calculus or Applied Calculus for ENGT	3

Upper Division Major ENGT Core Requirements 18

ENGT 3000	Materials Science	3
ENGT 3010	Engineering Economics	3
ENGT 3020	Statics and Strengths of Materials	3
ENGT 3030	Thermodynamics	3
ENGT 3040	Power Transfer	3
ENGT 3050	Problem Solving	3

CONCENTRATION

	Credit Hours
General Core	24
ENGT 3100	3
ENGT 3200	3
ENGT 3220	3
ENGT 3840	3
ENGT 3850	3
ENGT 4500	3
ENGT 4150	3
ENGT 4720	3

Mechanical Emphasis 12 Plus 12 credit hours from the following ENGT Electives:

ENGT 3790	Construction Planning and Estimating	3
ENGT 3810	Plastic Manufacturing	3
ENGT 3990	Cooperative Work Experience II	3
ENGT 4120	Sensor and Vision	3
ENGT 4710	Fluid Mechanics	3
ENGT 4800	Machine Design	3
ENGT 4810 or 4880	Advanced Manufacturing or Refrigeration Machines and Power Systems	3

GENERAL CONCENTRATION WITH GENERAL SPECIALIZATION

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshmen Seminar Requirement	1

For Engineering Technology Majors

- 1) PHYS 2010 College Physics and PHYS 2011 College Physics Lab (5 Cr. Hr), and PHYS 2020 College Physics and PHYS 2021 College Physics Lab (5 Cr. Hr) will be used to meet core requirements in science.

432 APSU Center @ Fort Campbell

- 2) MATH 1530: Elements of Statistics will be used to meet core requirements in mathematics.

Lower Division Major ENGT Core Requirements 27

ENGT 1000	Introduction to Engineering	3
ENGT 1020	Computer Aided Design	3
ENGT 2000	Manufacturing Processes	3
ENGT 2010	DC Circuits	3
ENGT 2020	Robotic Fundamentals	3
ENGT 2030	AC Circuits	3
ENGT 2730	Introduction to Solid Modeling	3
MATH 1730 or ENGT 1200	Precalculus or Applied Math for ENGT	3
MATH 1810 or ENGT 1400	Elements of Calculus or Applied Calculus for ENGT	3

Upper Division Major ENGT Core Requirements 18

ENGT 3000	Materials Science	3
ENGT 3010	Engineering Economics	3
ENGT 3020	Statics and Strengths of Materials	3
ENGT 3030	Thermodynamics	3
ENGT 3040	Power Transfer	3
ENGT 3050	Problem Solving	3

CONCENTRATION

		Credit Hours
General Core		24
ENGT 3100	Robotic Applications	3
ENGT 3200	Electronics I	3
ENGT 3220	Digital I	3
ENGT 3840	Dynamics	3
ENGT 3850	Manufacturing Process II	3
ENGT 4500	Occupational Safety	3
ENGT 4150	Programmable Logic Controllers	3
ENGT 4720	Advanced CAD	3

General Emphasis Electives 12

Plus twelve (12) hours of electives from the following: any ENGT courses, any APSU courses or transfer credit in engineering technology, engineering, computer science, or another technology related field. Courses should be in a common area, and are subject to departmental approval. Other courses in Engineering Technology are recommended. This includes technological A.A.S. degree programs offered by APSU at Fort Campbell and similar programs at community colleges. It also includes all technically oriented military training.

ENGINEERING TECHNOLOGY MINOR (FOR NON-ENGT MAJORS – 18 HOURS)

		Credit Hours
ENGT 1000 or 3820	Introduction to Engineering or Technology and Society	3
ENGT 1020	Computer Aided Design	3

ENGT 2000	Manufacturing Processes	3
ENGT 2010	DC Circuits	3
ENGT 2020	Robotic Fundamentals	3
one Elective from ENGT courses		3

Department of Professional Studies

School of Technology and Public Management

Location: SSG Glenn H. English, Jr., Army Education Center

Bldg. 202 - Room 138, Fort Campbell, KY

Phone: 931-221-1439

Website: ww.apsu.edu/apfc/degrees/BPS.htm

The Bachelor of Professional Studies prepares graduates for a variety of careers by encompassing managerial, organizational, and communication skills along with technical and associate degree level competencies. This program is offered both in the traditional classroom setting and online. Nontraditional students comprise the majority of the Professional Studies classes, and they contribute a wealth of knowledge and experiences.

PROFESSIONAL STUDIES (B.P.S.)

The bachelor's of Professional Studies degree is designed as a degree-completion program. Credit hours earned through associate degree programs, other universities, military transfer credits, and/or credit awarded for certifications may be applied toward the 120-credit hours needed to earn the degree.

The degree consists of a common general education core, upper division major requirements and electives, as well as an applied technology concentration or a minor combined with elective credits to meet the 120 credit hours for graduation. The bachelor's degree in Professional Studies provides an opportunity for a seamless transition from the associate degree in order to help meet an individual student's educational and career goals. Students work closely with their academic advisors in determining their curriculum requirements.

	Credit Hours
General Education (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Professional Studies Major Requirements	30
PTMA 3010 Management of Organizations	3
PTMA 3020 Managing Information Technology	3
PTMA 3050 Cultural Diversity in Organizations	3
PTMA 3060 Organizational Ethics	3
PTMA 3140 Survey of the Legal Process or	
PM 3140 Introduction to the Legal Process	3
PTMA 3240 or Financial Measurement, Analysis and Reporting or	
PM 3240 Public Budgeting and Financial Management	3
PTMA 3600 Organizational Marketing	3
PTMA 4020 Written Professional Communications	3
PTMA 4400 Strategic Planning for Organizations	3
PTMA 4990 BSPS Capstone	3

434 APSU Center @ Fort Campbell

Professional Studies Electives **9**

Select three courses from:

PTMA 3000	Organizational Team Building	3
PTMA 3070	Professional Development	3
PTMA 3230	Workforce Management	3
PTMA 3650	Global Marketing	3
PTMA 3990	Contract Management	3
PTMA 4100	Economic Issues for Organizations	3
PTMA 4500	Management of Operations	3
PTMA 4600	Project Management	3
PTMA 4800	Organizational Training and Development	3

Electives

Choose One of the following Options:

Option 1:	Transfer Hours and/or General Education Electives	39
Option 2:	Approved University Minor and General Education Electives	39

ADMINISTRATIVE MANAGEMENT MINOR **24**

Required Courses

CTIM 2100	Introduction to Operating Systems	3
or		
CTIM 2110	Information Technology Concepts	3
CTIM 2040	Word Processing Concepts and Applications	3
CTIM 2120	Integrated Software Applications	3
CTIM 2160	Records and Information Management	3
CTIM 2210	Office Systems and Procedures	3
CTIM 3210	Administrative Office Simulation	3
CTIM 3300	Business Communications	3
CTIM 3350	Office Management and Supervision	3

COMPUTER APPLICATIONS MINOR **24**

Required Courses

CTIM 2100	Introduction to Operating Systems	3
or		
CTIM 2110	Information Technology Concepts	3
CTIM 2040	Word Processing Concepts and Applications	3
CTIM 2130	Spreadsheet Applications	3
CTIM 2140	Database Applications	3
CTIM 2150	Presentation Graphics Applications	3
CTIM 2170	Web Page Design Applications	3
CTIM 2190	Information Management	3
CTIM 3130	Advanced Spreadsheet Applications	3
or		
CTIM 3140	Advanced Database Applications	3

ORGANIZATIONAL FORENSICS MINOR 21

Required Courses

PTMA 3060	Organizational Ethics	3
PTMA 3500	Industrial Fraud	3
PTMA 3510	Organizational Fraud Conduct and Procedures	3
PTMA 3240	Financial Measurement, Analysis, and Reporting	3
PTMA 4220 or CRJ 4220	White Collar Crime	3
PTMA 3505 or CRJ 3505	Report Writing and Interviewing Techniques	3
PTMA 4230 or CRJ 4230	Data Mining	3

PROFESSIONAL STUDEIS MINOR 18

Required Courses

PTMA 3010	Management of Organizations	3
PTMA 3020	Management Information Technology	3
PTMA 3050	Cultural Diversity in Organizations	3
PTMA 3060	Organizational Ethics	3
<i>Select Two from the following:</i>		
PTMA 3100	Global Logistics	3
PTMA 3230	Workforce Management	3
PTMA 3600	Organizational Marketing	3
PTMA 3990	Contract Management	3
PTMA 4020	Written Professional Communication	3
PTMA 4100	Economic Issues for Organizations	3
PTMA 4400	Strategic Planning for Organizations	3
PTMA 4500	Management of Operations	3

**Department of Public Management
and Criminal Justice**

School of Technology and Public Management

Location: SSG Glenn H. English, Jr., Army Education Center

Bldg. 202 - Room 138, Fort Campbell, KY

Phone: 931-221-1480

Website: <http://www.apsu.edu/apfc/degrees/pubmgt.htm>

436 APSU Center @ Fort Campbell

The Public Management program is a preprofessional major aimed at providing students with technical and managerial skills plus practical work experience.

PUBLIC MANAGEMENT (B.S.)

Students will have the opportunity to accept the challenge of a wide range of occupational interests which have a common focus within the public or quasi-public sectors. The student is equipped with courses providing a solid background in general areas of public management.

	Credit Hours
GENERAL EDUCATION (see TBR Common Core)	41
University-Wide Freshman Seminar Requirement	1
Lower Division Major Requirements	9
ACCT 2010 or MT 2010	
Principles of Accounting or Accounting Survey	3
ECON 2010	3
Macroeconomics	3
POLS 2010	3
American National Government	3
Upper Division Major Requirements	30
PM 3200	3
Public Sector Management	3
PM 3230	3
Public Personnel Administration	3
PM 3235	3
Public Policy Analysis	3
PM 3240	3
Public Budgeting and Financial Mgmt.	3
PM 3250	3
Urban Planning	3
PM 3760	3
Methods of Research for Administration	3
PM 4120	3
Organizational Theory and Behavior	3
PM 4810	3
Professional Seminar	3
PM 4860	6
Public Mgmt., Internship, and Practice	6
Concentration or Minor	21
Students may choose a minor from any of those offered by the University or an area of concentration from those listed below:	
Criminal Justice	
General Management	
Electives (see advisor)	18/21
PUBLIC MANAGEMENT MINOR	18
Required Courses	
PM 3200	3
Public Sector Management	3
<i>Select five from:</i>	
PM 3230	3
Public Personnel Management	3
PM 3240	3
Public Budgeting	3
PM 3250	3
Urban Planning	3
PM 3235	3
Public Policy Analysis	3
PM 3310	3
Race and Cultures in Administration and Politics	3
PM 3400	3
Women and Administration	3
PM 4090	3
Comparative Public Administration	3

PM 4120	Organizational Theory and Behavior	3
PM 4320	Administrative Law	3
PM 4350	Employment Discrimination Law	3
PM 4370	Managing Not-For-Profit Organizations	3

Criminal Justice

CRIMINAL JUSTICE (B.S.)

The Criminal Justice/Homeland Security degree program prepares graduates for careers in the fields of Criminal Justice and Homeland Security with an applied approach grounded in theory. Graduates will be able to take on the challenges of the future, including terrorist threats, disasters, and emergencies.

		Credit Hours
General Education (see TBR Common Core)		41
University-Wide Freshman Seminar Requirement		1
Lower Division Major Requirements		3
CRJ 1010	Introduction to Criminal Justice	3
Upper Division Major Requirements		36
CRJ 3000	Constitutional Law	3
CRJ 3010 or PM 3170	Criminal Law	3
CRJ 3020 or PM 3180	Criminal Evidence and Procedure or Criminal Procedures	3
CRJ 3030	Terrorism and the Law	3
CRJ 3100	Network Security	3
CRJ 3400	Terrorism: Understanding the Threat	3
CRJ 3410	Domestic Terrorism	3
CRJ 3420	International Terrorism	3
CRJ 3430	Management of Incidents of Terrorism	3
CRJ 3440	Terrorism Prevention	3
CRJ 4000 or PM 3230	Law Enforcement Administration or Personnel Administration	3
PM 3760	Methods of Research for Administration	3

INTERDISCIPLINARY MINOR

Choose any minor offered by the University

CRIMINAL JUSTICE MINOR

CRJ 1010 or PM 3150	Introduction to Criminal Justice	3
CRJ 3000 or PM 3150	Constitutional Law	3
CRJ 3010 or PM 3170	Criminal Law	3
CRJ 3030	Terrorism and the Law	3
CRJ 3400	Terrorism: Understanding the Threat	3
CRJ 3430	Managing Incidents of Terrorism	3

438 APSU Center @ Fort Campbell

Guided Electives

22

NOTE: Electives should be guided, that is, selected in consultation with the academic advisor to achieve maximum benefit from the degree program. The electives may be taken from any college/school of the University.

Associate of Applied Science Degree (A.A.S.)

School of Technology and Public Management

Location: SSG Glenn H. English, Jr., Army Education Center

Bldg. 202 - Room 138, Fort Campbell, KY

Phone: 931-221-1437

Website: <http://www.apsu.edu/apfc/degrees/ComputerScience.htm>

MANAGEMENT TECHNOLOGY MAJOR

MANAGEMENT TECHNOLOGY CONCENTRATION (60 HOURS)

		Credit Hours
Specific General Education Requirements		15
COMM 1010	Fundamentals of Public Speaking	3
ECON 2010	Principles of Economics I	3
ENGL 1010	English Composition	3
Humanities Elective (see TBR Common Core)		3
MATH 1010	Mathematical Thought and Practice	3
Concentration Requirements		36
MT 1000	Introduction to Business Environment	3
MT 2010	Accounting Survey	3
MT 2030	Marketing Survey	3
MT 2050	Principles of Management	3
MT 2250	Introduction to Business Law	3
MT 2400	Human Resources Management	3
MT 2550	Small Business Operations	3
MT 2110	Business Statistics	3
MT 2150	Personal Financial Management	3
CTIM 2110	Microcomputer Fundamentals	3
CTIM 2300	Business Communications	3
CTIM 2350	Office Management and Supervision	3
Guided Electives: select six (6) hours		6
MT 2200	Business and Industrial Safety	3
MT 2270	Business Ethics	3
MT 2370	Human Relations in Business	3
MT 2450	Labor Relations	3
MT 2500	Purchasing and Logistics	3

Electives **3**

Select from appropriate courses in the Colleges of Arts and Letters, Science and Mathematics, Professional Programs and Social Sciences, or the School of Technology and Public Management. Students planning to pursue a baccalaureate degree should generally select the electives required to fulfill the baccalaureate Liberal Arts core.

440 APSU Center @ Fort Campbell

*Specialization: GENERAL BUSINESS

Specific General Education Requirements		Credit Hours
COMM 1010	Fundamentals of Public Speaking	3
ECON 2010	Principles of Economics I	3
ENGL 1010	English Composition	3
Humanities Elective (see TBR Common Core)		3
MATH 1010	Mathematical Thought and Practice	3
Specialization Requirements		30
ACCT 2010	Principles of Accounting I	3
ACCT 2020	Principles of Accounting II	3
CTIM 2110	Microcomputer Fundamentals	3
ECON 2020	Principles of Economics II	3
MATH 1810	Elements of Calculus	3
MT 1000	Introduction to Business Environment	3
MT 2030	Marketing Survey	3
MT 2050	Principles of Management	3
MT 2250	Introduction to Business Law	3
QM 2110	Business and Economic Statistics I	3

Guided Electives **9**

Select 9 hours from B.S. Liberal Arts Core with the minimum hours indicated from each of the following areas:

HIST 2010 or 2020	American History I or II	3
Natural Science with Lab (see TBR Common Core)		4
Humanities (see TBR Common Core)		3

Electives **6**

Select from appropriate courses in the Colleges of Arts and Sciences, Business, Education, College of Professional Programs and Social Sciences, or the School of Technology and Public Management. Students planning to pursue a baccalaureate degree should generally select the electives required to fulfill the Liberal Arts core.

*Specialization: INDUSTRIAL MANAGEMENT

Specific General Education Requirements		Credit Hours
COMM 1010	Fundamentals of Public Speaking	3
ECON 2010	Principles of Economics I	3
ENGL 1010	English Composition	3
Humanities Elective (see TBR Common Core)		3
MATH 1010	Mathematical Thought and Practice	3
Specialization Requirements		36
MT 2050	Principles of Management	3
MT 2110	Business Statistics	3
MT 2120	Statistical Process Control	3
MT 2200	Business and Industrial Safety	3

* Pending regulatory approval

APSU Center @ Fort Campbell 441

MT 2250	Intro to Business Law	3
MT 2370	Human Relations in Business	3
MT 2400	Human Resource Management	3
MT 2450	Labor Relations	3
MT 2500	Purchasing and Logistics	3
MT 2570	Production Management	3
CTIM 2300 or ENGL 1100	Business Communications or Technical Report Writing	3
CTIM 2110	Microcomputer Fundamentals	3

Guided Electives: select six (6) hours **6**

MT 2010	Accounting Survey	3
MT 2270	Business Ethics	3
MT 2600	Seminar: Special Topics in Industrial Management	3
MT 2350	Office Management and Supervision	3

Electives **3**

Select from appropriate courses in the Colleges of Arts and Letters, Science and Mathematics, Professional Programs and Social Sciences, or School of Technology and Public Management. Students planning to pursue a baccalaureate degree should generally select the electives required to fulfill the Liberal Arts core.

RESTAURANT MANAGEMENT CONCENTRATION (60 HOURS)

Emphasis I: FOOD SERVICE

Specific General Education Requirements	Credit Hours
ENGL 1010 English Composition I	3
Humanities and/or Fine Arts (see TBR Common Core)	3
MATH or SCI (see TBR Common Core)	3/4
SOC or BEH SCI (see TBR Common Core)	3
COMM 1010 Fundamentals of Public Speaking	3
Elective from COMM, HUM, Fine Arts, Social/Behavior Science	3

Concentration Requirements **42**

FS 1100	Basic Food Service and Sanitation	3
FS 1300	Food Preparation–Breakfast	3
FS 1400	Food Preparation–Lunch	3
FS 1500	Food Preparation–Dinner	3
FS 2040	Cake Decorating	3
FS 2050	Ice Sculpture	3
FS 2100	Food Preparation–Buffet Catering	3
FS 2200	Gourmet Foods	3
FS 2300	Food Management Operation and Administration	3
FS 2400	Facility Layout and Volume Food Management	3
FS 2500	Decoration and Design	3
FS 2600	Nutrition and Menu Planning	3
FS 2980	Culinary Skills	3
FS 2990	Supervised Field Study	3

442 APSU Center @ Fort Campbell

Emphasis II: CULINARY ARTS

Specific General Education Requirements

	Credit Hours
ENGL 1010 English Composition I	3
Humanities and/or Fine Arts (see TBR Common Core)	3
MATH or SCI (see TBR Common Core)	3/4
SOC or BEH SCI (see TBR Common Core)	3
COMM Fundamentals of Public Speaking	3

Concentration Requirements

	36
CA 2000 Introduction to the Culinary Operation	3
CA 2100 Sanitation and Safety	3
CA 2200 Nutrition and Menu Planning	3
CA 2300 Culinary Food Preparation	3
CA 2400 Food and Beverage Management	3
CA 2410 Dining Room Service	3
CA 2420 Catering and Banquet Management	3
CA 2510 Human Relation/Management	3
CA 2520 Garden Manager	3
CA 2530 Purchasing and Receiving	3
CA 2800 International Food Preparation	3
CA 2900 Field Study in the Culinary Operation	3

Guided Electives: select nine (9) hours from

	9
CA 2500 Culinary Baking	3
CA 2600 Bar Service	3
CA 2700 Bar Management	3
CA 2710 Meat Cutting and Processing	3
FS 2500 Decoration and Design	3
FS 2200 Gourmet Foods	3
FS 2980 Culinary Skills	3

Electives

Select from appropriate courses in the Colleges of Arts and Letters, Science and Mathematics, Professional Programs and Social Sciences, or the School of Technology and Public Management. Students planning to pursue a baccalaureate degree should generally select the electives required to fulfill the baccalaureate Liberal Arts core.

OCCUPATIONAL STUDIES MAJOR

AUTOMOTIVE TECHNOLOGY CONCENTRATION (60 HOURS)

Specific General Education Requirements

	Credit Hours
ENGL 1010 English Composition I	3
Humanities and/or Fine Arts (see TBR Common Core)	3
Natural Science/Math (see TBR Common Core)	3/4
Social/Behavior Science (see TBR Common Core)	3
COMM Fundamentals of Public Speaking	3

Lower Division Major Requirements 42

AT 1050	Basic Automobile Shop Practices	3
AT 1240	Fuel Systems	3
AT 1300	Engine Power Mechanics	3
AT 1350	Manual Drive Train and Axles	3
AT 1400	Automotive Braking Systems	3
AT 1450	Automotive Electrical Systems	3
AT 2000	Automotive Suspension, Steering, and Wheel Alignment	3
AT 2250	Engine Rebuilding	3
AT 2300	Advanced Automotive Electronics	3
AT 2350	Automatic Transmission	3
AT 2400	Auto Air-Conditioning, Heating, and Ventilation System	3
AT 2550	Computerization and Systems Monitoring	3
AT 2570	Advance Engine Performance, Diagnosis, and Service	3
AT 2590	Advanced Automatic Transmissions	3

Guided Electives: select three (3) hours from 3

AT 2600	Production Mechanics	3
AT 2630	Introduction to Hybrid Vehicles	3
AT 2830	Significant Safety Hazards and Concerns	3

CONSTRUCTION TECHNOLOGY CONCENTRATION (60 HOURS)

Students must select the specialization in General Construction or Metal Construction.

Emphasis I: GENERAL CONSTRUCTION

An Associate of Applied Science degree in construction technology qualifies you to continue into an advanced program of study or obtain entry-level positions in a variety of today's construction jobs, such as specialization in General Construction or Metal Construction.

**Specific General Education Requirements Credit Hours
15/16**

ENGL 1010	English Composition I	3
MATH or SCI	(see TBR Common Core)	3/4
PSY 1010 or SOC 2010		
	General Psychology or Introduction to Sociology	3
Gen Ed Elective	(see TBR Common Core)	3
Humanities	(see TBR Common Core)	3

Lower Division Major Requirements 27

CT 1210	Construction Surveying	3
CT 1320	Construction Drawing	3
CT 1430	Blueprint Reading and Sketching I	3
CT 1620	Masonry Construction	3
CT 1680	Applied Electricity	3
CT 1820	Introductory Plumbing	3
CT 2430	Blueprint Reading and Sketching II	3
CT 2440	General Heating and Air-Conditioning I	3
CT 2530	General Contracting	3

444 APSU Center @ Fort Campbell

Guided Electives:		15
CT 1000	Home Repair and Maintenance	3
CT 1300	Blueprint Reading and Leveling Instruments	3
CT 1330	Introductory Carpentry	3
CT 1400	Systems Controls	3
CT 2320	Construction Drawing II	3
CT 2325	Introduction to Computer Aided Drafting for Construction	3
CT 2330	Advanced Carpentry I	3
CT 2340	Advanced Carpentry II	3
CT 2350	Advanced Carpentry III	3
CT 2450	Advanced Heating and Air-Conditioning I	3
CT 2460	Advanced Heating and Air-Conditioning II	3
CT 2520	Contracts and Specifications	3
CT 2540	Construction Enterprise	3
CT 2620	Advanced Masonry Construction I	3
CT 2630	Advanced Masonry Construction II	3
CT 2650	Concrete Construction	3
CT 2680	Electrical Wiring	3
CT 2690	Construction Wiring	3
CT 2700	Industrial Wiring and Maintenance	3
CT 2820	Advanced Plumbing I	3
CT 2830	Advanced Plumbing II	3
CT 2850	Traps, Fixtures and Appliances	3
CT 2900	Internship	6

Electives: General Construction **3**

Select from appropriate courses in the Colleges of Arts and Letters, Science and Mathematics, Professional Programs and Social Sciences, or the School of Technology and Public Management. Students planning to pursue a baccalaureate degree should generally select the electives required to fulfill the Liberal Arts core.

ELECTRONICS TECHNOLOGY CONCENTRATION (60 HOURS)

Students must select the specialization in Electronic Communications or Computer Technology.

Emphasis I: ELECTRONIC COMMUNICATIONS

Specific General Education Requirements **Credit Hours**

COMM 1010	Fundamentals of Public Speaking	15 3
ENGL 1010	English Composition	3
HUM Elective	(see TBR Common Core)	3
PHYS 1020 (without lab)	Understanding the Physical World	3
PSY 1010 or SOC 2010	General Psychology or Introduction to Sociology	3

Lower Division Major Requirements **42**

ET 1030	DC Fundamentals and Circuits	3
ET 1040	AC Fundamentals and Circuits	3
ET 1120	Advanced Mathematics in Electronics	3
ET 1150	Calculus for Electronics	3
ET 1230	Electronic Fundamentals and Circuits I	3

APSU Center @ Fort Campbell 445

ET 1240	Electronic Fundamentals and Circuits II	3
ET 2030	Digital Electronics Circuits I	3
ET 2040	Digital Electronics Circuits II	3
ET 2140	Communication Circuits I	3
ET 2150	Communication Circuits II	3
ET 2320	Microprocessor Circuits Construction	3
ET 2330	Electronic Projects	3
ENGT 2020	Robotics Fundamentals	3
MATH 1530	Elements of Statistics	3

Electives: select one course from **3**

ET 1210	Electronic Test Equipment	3
ENGT 1020	Computer-Aided Drafting and Design	3

OR

Select from appropriate courses in the Colleges of Arts and Letters, Science and Mathematics, Professional Programs and Social Sciences, or the School of Technology and Public Management. Students planning to pursue a baccalaureate degree should generally select the electives required to fulfill the baccalaureate Liberal Arts core.

NOTE: A student in the A.A.S. Electronics Technology Program desiring to later pursue a B.S. in Engineering Technology may substitute the appropriate engineering courses for the listed electronic courses.

Specialization II: COMPUTERTECHNOLOGY

	Credit Hours
Specific General Education Requirements	15
COMM 1010 Fundamentals of Public Speaking	3
ENGL 1010 English Composition	3
HUM Elective (see TBR Common Core)	3
PHYS 1020 (without lab) Understanding the Physical World	3
PSY 1010 or SOC 2010 General Psychology or Introduction to Sociology	3

Lower Division Major Requirements **42**

ET 1030	DC Fundamentals and Circuits	3
ET 1040	AC Fundamentals and Circuits	3
ET 1120	Advanced Mathematics in Electronics	3
ET 1150	Calculus for Electronics	3
ET 1230	Electronic Fundamentals and Circuits I	3
ET 1240	Electronic Fundamentals and Circuits II	3
ET 2030	Digital Electronics Circuits I	3
ET 2040	Digital Electronics Circuits II	3
ET 2320	Microprocessor Circuits Construction	3
ET 2410	Digital Communications	3
ET 2420	Introduction to Computer Architecture	3
ET 2430	Introduction to Operating Systems	3
ET 2440	Introduction to Programmable Controllers	3
MATH 1530	Elements of Statistics	3

Electives: select one course from **3**

ET 1010	Introduction to Electronic Technology	3
ET 1210	Electronic Test Equipment	3

446 APSU Center @ Fort Campbell

ENGT 1020	Computer-Aided Drafting and Design	3
ENGT 2020	Robotics Fundamentals	3

OR

Select from appropriate courses in the Colleges of Arts and Letters, Science and Mathematics, Professional Programs and Social Sciences, or the School of Technology and Public Management. Students planning to pursue a baccalaureate degree should generally select the electives required to fulfill the baccalaureate Liberal Arts core.

NOTE: A student in the A.A.S. Electronic Technology Program desiring to later pursue a B.S. in Engineering Technology may substitute the appropriate engineering courses for the listed electronic courses.

School of Technology and Public Management Course Descriptions

Glossary for Course Descriptions

This section lists undergraduate courses offered by the University and available for credit. Courses are listed in alphabetical order. The subject codes for courses are also listed below.

Automotive Technology	AT
Computer Technology and Information Management	CTIM
Construction Technology	CT
Corrections Management	COR
Criminal Justice	CRJ
Culinary Arts	CA
Electronics Technology	ET
Engineering Technology	ENGT
Food Service Technology	FS
Management Technology	MT
Professional Studies	PTMA
Public Management	PM

AUTOMOTIVE TECHNOLOGY (AT)

Following are course descriptions for technical courses taught exclusively at Fort Campbell.

AT 1050 Basic Automobile Shop Practices (3)

Fundamentals of shop safety, shop procedures, tool use, and automobile servicing. Auto systems and components will be limited to nomenclature and functions as related to proper assembly.

448 School of Tech and Public Mgt Course Descriptions

AT 1240 Fuel Systems (3)

Techniques and procedures for overhaul and service of the fuel systems; diagnosis and testing procedures.

AT 1300 Engine Power Mechanics (3)

The engine as a prime mover and the methods of its utilization. Methods of design and construction of internal combustion engine components as related to gasoline and diesel engines. Operation, care and service, testing and diagnosing functional troubles, and necessary minor repairs and adjustments.

AT 1350 Manual Drive Train and Axles (3)

Principles and functions of automotive power train systems: clutches, standard transmissions, power transfer coupling devices, and differentials. Identification of trouble, servicing, and repairs.

AT 1400 Automotive Braking Systems (3)

Practical job instruction on theory, adjustment, and repair of braking systems. Units studied will be coefficient of friction as related to various materials used for braking purposes, as well as hydraulic, electrical, and air braking systems.

AT 1450 Automotive Electrical Systems (3)

Fundamental principles of electricity as used by the auto technician, electrical components of the automobile, and electrical schematics.

AT 2000 Automotive Suspension, Steering, and Wheel Alignment (3)

Principles and functions of the components of the automotive chassis and steering system. The theory of alignment. Why automobiles set according to specifications act differently. Practical job instruction on diagnosis and repairing of suspension and steering components. Diagnosis and correction of wheel alignment angles.

AT 2250 Engine Rebuilding (3)

Prerequisite: AT 1300 or permission of instructor

The disassembly of the internal combustion engine, taking measurements for the purpose of repairing or replacing damaged components to bring the engine to operating specifications, and reassembly of the engine.

AT 2300 Advanced Automotive Electronics (3)

Prerequisite: AT 1450 or permission of instructor

Theory, construction, testing, and application of electronic devices of the automobile. Analysis of electronic instruments, how they work, what they do, and their limitations to automotive electronics systems diagnosis. Practical problem solving in digital instrumentation, control modules, and other automotive electronic devices.

AT 2350 Automatic Transmissions (3)

Principles and theories of automatic transmissions, including troubleshooting and overhaul procedures of hydraulically operated transmissions, torque converters, and fluid couplings used with automatic transmissions common to the automotive field.

School of Tech and Public Mgt Course Descriptions 449

AT 2400 Auto Air Conditioning, Heating, and Ventilation Systems (3)

Types of air conditioning, heating, and ventilating systems used in the automobile. Problem diagnosis and servicing will be employed.

AT 2550 Computerized and Systems Monitoring (3)

Prerequisite: AT 2300 or permission of instructor

Theory, diagnosis, and repair procedures of computerized engine components used for reduction of automobile emissions, and various electronic monitoring systems for data readout of specialized processes.

AT 2570 Advanced Engine Performance, Diagnosis, and Service (3)

Prerequisites: AT 1240, 2550

Diagnosis and repair of automotive fuel, emission, and ignition; electronic and computer systems; and use of electronic test equipment.

AT 2590 Advanced Automotive Transmissions (3)

Prerequisite: AT 2350 or permission of advisor

Further instruction in automatic transmissions and transaxles, including principles of operation, troubleshooting, and overhaul procedures on hydraulically operated transmissions and transaxles; torque convertors; fluid couplings; and computerized transmission and transaxle system controls.

AT 2600 Production Mechanics (3)

Prerequisites: AT 1400, 2000, 2250, 2350, 2550, 2570, elective or permission of instructor

Line and simulated work on all phases of automobile mechanics.

AT 2630 Introduction to Hybrid Vehicles (3)

Prerequisite: AT 1450, 2300

Introduction to hybrid vehicle propulsion systems. Hybrid vehicle designs, fundamentals of 3-phase permanent magnet and ac induction motor/generator systems. Fundamentals of high voltage battery pack and energy management systems. Introduction to hybrid vehicle systems diagnosis, service, and repair.

AT 2830 Significant Safety Hazards and Concerns (3)

The course is designed to focus on matters associated with health and safety relating to the environment, including air water quality, and sanitization. Areas of concentration include hazardous, and materials, their storage and handling. Additional study includes waste management and cleanup as well as detail study of environmental laws, regulations, and protection of workers involved in activities associated with hazardous materials.

COMPUTER TECHNOLOGY AND INFORMATION MANAGEMENT (CTIM)

Following are course descriptions for technical courses taught exclusively at Fort Campbell.

CTIM 2010 Document Processing I (3)

A continuation of keyboarding skills essential to document processing. Involves processing intermediate level office correspondence/forms/reports.

450 School of Tech and Public Mgt Course Descriptions

CTIM 2020 Document Processing II (3)

Refinement of keyboarding office production skills using complex forms and documents. Simulated office activities are implemented.

CTIM 2040 Word Processing Concepts and Applications (3)

Emphasis is placed on basic word processing concepts and integration with typical office word processing applications.

CTIM 2050 Advanced Word Processing and Desktop Publishing (3)

Prerequisite: CTIM 2040

Produce complex documents using advanced word processing functions and desktop publishing applications.

CTIM 2100 Introduction of Operating Systems (3)

Introduction to the hardware and software of microcomputers; instruction on configuring and troubleshooting of microsystems: Windows instruction.

CTIM 2110 Information Technology Concepts (3)

Computer terminology, professional ethics and social implications of computers. Introduction to networking concepts, protocols, communication services, e-business applications, network security, and emerging initiatives.

CTIM 2120 Integrated Software Applications (3)

Integrated software concepts which include word processing, spreadsheets, database management, graphics, and communications.

CTIM 2130 Spreadsheet Applications (3)

Basic business applications using spreadsheet software. Create professional looking workbooks using templates; create multiple worksheets; and work with formulas and functions. Case-based, problem-solving approach used.

CTIM 2140 Database Applications (3)

Basic business applications using database software. Develop queries, forms, and reports. Case-based, problem-solving approach used.

CTIM 2150 Presentation Graphics Applications (3)

Software used to design presentation graphics such as business charts, bar graphs, and organization charts; apply complex animation and sound effects; manipulate digital photographs and drawing diagrams and illustrations.

CTIM 2160 Records and Information Management (3)

Equipment and systems used for information storage, transmission, and retrieval. Includes concepts of filing: micrographic; forms design, usage, and control; and evaluation, protection, and destruction of vital records.

CTIM 2170 Web Page Design Applications (3)

Coverage of essential Web page development topics such as HTML, common Web page elements, hyperlinks, templates, tables, formatting, image maps, thumbnail images, interactive forms, and frames.

CTIM 2180 Visual Basic I (3)

Introduces the beginning-programming student to building applications in a graphical environment. Basic concepts in methods of object-oriented programming.

CTIM 2185 Visual Basic II (3)

Prerequisite: CTIM 2180

Advanced concepts in methods of object-oriented programming. Manipulating strings random access files, arrays, sequential access files, and printing.

CTIM 2190 Information Management (3)

Basic business applications using project management software. Covers tracking progress, sharing information, and closing a project. Case-based, problem-solving approach.

CTIM 2210 Office Systems and Procedures (3)

Office systems emphasizing the interrelationship of people, procedures, and equipment.

CTIM 2600 Windows Workstation Management (3)

Prerequisite: CTIM 2100 or CTIM 2110 or equivalent skills

Installing, configuring, and maintaining Windows workstations. Understanding users, groups, profiles, and policies. Troubleshooting, disaster recovery, and protection.

CTIM 2610 Windows Server (3)

Prerequisite: CTIM 2600 or permission of instructor

Installing, configuring, and maintaining Windows server. Understanding users, groups, profiles, and policies. Troubleshooting, disaster recovery, and protection. Managing groups, folders, and files.

CTIM 2620 Windows Directory Services (3)

Prerequisite: CTIM 2600 or permission of instructor

Analyzing business requirements, information technology structures, software requirements, hardware, and network requirements. Designing forests, trees, and domains; organizational units, sites, and DNS implementation; and security group and group policy.

CTIM 2630 Networking Infrastructure (3)

Prerequisite: CTIM 2600 or permission of instructor

Analyzing technical requirements, TCP/IP network, IP configuration, and name resolution strategies. Designing a multi-protocol strategy, DFS strategy, a WAN infrastructure, an Internet connectivity strategy for Internet and Intranet services, and a management and implementation strategy for Windows networking.

CTIM 2700 Network Management and Maintenance (3)

Prerequisite: CTIM 2100 or CTIM 2110 or equivalent skills

Introduces hardware and software concepts, troubleshooting fundamentals, multi-media technology, printers, viruses, disaster recovery, and maintenance plans.

CTIM 2900 Seminar for Professional Secretaries I (3)

Strengthen and update secretarial knowledge in the office, information technology, decision sciences, communications, and office administration areas. Grading on a pass/fail basis.

452 School of Tech and Public Mgt Course Descriptions

CTIM 2910 Seminar for Professional Secretaries II (3)

Strengthen and update secretarial knowledge in the management, economics, business law, and accounting/finance areas. Grading on a pass/fail basis.

CTIM 2990 Internship in Computer Technology and Information Management (3)

Professional unpaid work experience in preparation for employment in the computer technology and information management areas. A formal written report documenting experiences, a detailed daily log, and supervisory evaluation is required. Grading on a pass/fail basis.

CTIM 299A, B, C Special Problems in Computer Technology and Information Management (1, 2, 3)

Individual research relating to current problems, issues, and/or technological advancements related to Computer Technology and Information Management. Conducted under the guidance of a faculty member.

CTIM 3120 Advanced Integrated Software Applications (3)

Prerequisite: CTIM 2120

Advanced integrated software concepts and applications of word processing, spreadsheets, database management, graphics, and communications for business situations.

CTIM 3130 Advanced Spreadsheet Applications (3)

Prerequisite: CTIM 2130

Advanced business applications using spreadsheet software. Develop customized applications with macros and Visual Basic. Hands-on training to include case studies.

CTIM 3140 Advanced Database Applications (3)

Prerequisite: CTIM 2140

Advanced computerized database applications. This course provides theory and practice in a disciplined approach to problem solving using a database management software in a business environment. Students will create custom reports, develop action queries, and advanced table relationships. Students will be automating tasks with macros, developing application code using Visual Basic, and understanding concepts of managing and securing databases.

CTIM 3210 Administrative Office Simulation (3)

Prerequisite: CTIM 2040

Students will enhance computer skills through simulated administrative office activities that will assist in the transition to the workplace. Course will serve as a model for the administrative office environment; emphasis on information and administrative management and controlled decision-making through simulation experiences.

CTIM 3300 Business Communications (3)

Prerequisite: ENGL 1010

Emphasis is placed on writing techniques, mechanics, and solving business problems through writing business letters and reports as well as the essentials of effective oral communications within the organizational structure.

School of Tech and Public Mgt Course Descriptions 453

CTIM 3350 Office Management and Supervision (3)

Supervisory and management skills, the role of the supervisor, economics of work, supervisor as manager of people, and the office environment. Case studies will be used during the course.

CONSTRUCTION TECHNOLOGY (CT)

Following are course descriptions for technical courses taught exclusively at Fort Campbell.

CT 1000 Home Repair and Maintenance (3)

CT 100A, B, C (1 hour each) is equivalent to CT 1000

Acquire the knowledge and skill necessary for home repair and maintenance of plumbing fixtures, electrical devices, and carpentry repair; to include the necessary tools and safety requirements to perform such repair.

CT 100A Plumbing Home Repair and Maintenance (1)

Acquire the knowledge and skill necessary to perform home plumbing repairs and home maintenance; to include faucet repair, toilets, sinks, and drainage repairs.

CT 100B Electrical Home Repair and Maintenance (1)

Acquire the knowledge and skill necessary to perform home electrical repairs and home maintenance; to include light fixtures, ceiling fans, lamps, switches, plugs, and appliance cords.

CT 100C Carpentry Home Repair and Maintenance (1)

Acquire the knowledge and skill necessary to perform home carpentry repairs and home maintenance; to include walls, ceilings, doors, locking devices, windows, and screens.

CT 1210 Construction Surveying (3)

Theory, principles, and practice of surveying as applied to construction; with special emphasis on including cross-sections, slope stakes, grades, and layout of utilities and buildings; field note procedure; differential and profile leveling; care and use of instruments; taping measuring of angles and directions; and closure and area computations.

CT 1300 Blueprint Reading and Leveling Instruments (3)

Language of blueprints, building codes, zoning, permits, and inspections, which includes builder's level and transit level.

CT 1320 Construction Drawing I (3)

Modern house and small commercial building construction methods, drafting detailed drawings of carpentry and masonry construction. Simple space relation problems are studied strengthening the student's ability to visualize space. Basic house design, site consideration, modular aspects, and drawing a complete set of plans.

CT 1330 Introductory Carpentry (3)

Basic hand tools, power equipment, and materials which relate to the carpentry trade; to include types and usage of different woods and materials used in wood-frame construction.

454 School of Tech and Public Mgt Course Descriptions

CT 1400 Systems Controls (3)

Operation of magnetic, temperature, and pressure controls, heating and safety controls, wiring diagrams, and schematics.

CT 1430 Blueprint Reading and Sketching I (3)

Basic blueprint reading, including layout, projection, and dimensioning. Detailed instruction will be given to enable students to be able to make sketches of certain geometric shapes and orthographically project these objects.

CT 1620 Masonry Construction (3)

Masonry trade and tools, preparation and application of mortar, estimation of materials, and laying block and brick.

CT 1680 Applied Electricity (3)

Interpretation of schematics, diagrams, and blueprints applicable to electrical plans for domestic and commercial buildings. Sketching schematics, diagrams, and electrical plans for electrical installation using appropriate symbols and notes according to the applicable codes.

CT 1820 Introductory Plumbing (3)

Basic hand tools, power equipment, and materials for the plumbing trade. Types and usage of sewer pipe and sewer disposal systems, water mains, and lateral feeds to individual housing units. Pipe cutting, threading of galvanized and black pipe, cutting and joining of PVC and copper pipe, and how to test systems.

CT 2320 Construction Drawing II (3)

Detailed drawings to include framing details, window and door details, stair framing details, and various sectional views of light commercial and residential construction.

CT 2325 Introduction to Computer Aided Drafting for Construction (3)

This course is designed as an introduction to computer aided drafting. Basic fundamentals will be emphasized with the learning of computer assisted commands.

CT 2330 Advanced Carpentry I (3)

Prerequisite: CT 1330 or permission of advisor

Methods of framing, including types of roofs and roofing. Emphasis given to construction safety.

CT 2340 Advanced Carpentry II (3)

Prerequisite: CT 1330 or permission of advisor

Exterior and interior trim, door, and window units, drywall finish, and painting.

CT 2350 Advanced Carpentry III (3)

Prerequisite: CT 1330 or permission of advisor

Art of cabinetry work, wood finishing, and the manufacturing of wood projects. Emphasis given to shop power tool safety.

School of Tech and Public Mgt Course Descriptions 455

CT 2430 Blueprint Reading and Sketching II (3)

Prerequisite: CT 1430 or permission of advisor

Continuation of 1430. Applied blueprint reading in the following areas of specialization: carpentry, masonry, plumbing, and electricity. Detailed study of the complex prints in the specialty areas.

CT 2440 General Heating and Air Conditioning I (3)

Principles of heating and air-conditioning systems.

CT 2450 Advanced Heating and Air Conditioning I (3)

Prerequisite: CT 2440 or permission of advisor

Uses and application of electricity in heating and air conditioning in residential and commercial areas; hands-on to cover some 50-60 percent of class work.

CT 2460 Advanced Heating and Air Conditioning II (3)

Prerequisite: CT 2440 or permission of advisor

Types of energy used to produce heating and cooling in conjunction with an up-to-date approach of the basic principles of air conditioning design, including the construction of ducts, flex and galvanized.

CT 2520 Contracts and Specifications (3)

Comprehensive evaluation of basic construction processes and estimating, with additional emphasis on responsibilities of the contractor, owner, and architect. Discussion of legal aspects of contract performance requirements, bidding practices and procedures, as well as preparation and interpretation of specifications.

CT 2530 General Contracting (3)

An overview of the contracting business focusing on issues facing residential contractors in today's market place. Various areas of construction will be explored and discussed include financial responsibilities, insurance considerations, taxes, advertising, management or employees and general information pertinent to the operation of a construction business. The course will also explore contracts, local governmental agencies, and retirement planning.

CT 2540 Construction Enterprise (3)

Introduces the fundamentals of construction jobsite management and project management in today's work environment. The course will explain the construction manager's role in job-site documentation and record keeping, layout and control, meetings and employee labor relations, safety management, subcontracting, purchasing, project quality management, time and cost factors, and claims and the process of payment.

CT 2620 Advanced Masonry Construction (3)

Prerequisite: CT 1620 or permission of advisor

Brick bonds, building brick and block corners, layout of walls, and building codes. Setting up scaffolding and material.

CT 2630 Advanced Masonry Construction II (3)

Prerequisite: CT 1620 or permission of advisor

Construction of fireplaces, including facing, chimney, block and brick flue, hearth, and brick veneer inside wall.

456 School of Tech and Public Mgt Course Descriptions

CT 2650 Concrete Construction (3)

Estimating, excavation, preparing base for slabs on grade, and layout procedures, to include forming, pouring, and finishing concrete.

CT 2680 Electrical Wiring (3)

Prerequisite: CT 1680 or permission of advisor

Residential wiring, calculating and determining the size of service and circuits, and methods and procedures in wiring. Application of the national electrical code and local ordinance requirements for electrical installations in residential and commercial buildings and F.H.A. specifications.

CT 2690 Construction Wiring (3)

Principles and wiring procedures, to include grounding, wiring, flexible, rigid and thin wall conduit, circuits, and multi-family dwellings.

CT 2700 Industrial Wiring and Maintenance (3)

Special requirements for industrial and commercial wiring. Installation methods of electrical equipment from motors to swimming pool fixtures to lighting for display cases.

CT 2820 Advanced Plumbing I (3)

Prerequisite: CT 1820 or permission of advisor

Blueprint reading and understanding, study of water supply systems, codes requirements, proper installation of supply and waste, drainage systems, inspection and testing of the supply and drainage systems, application of the national building codes, local building codes, and requirements and FHA/VA specifications.

CT 2830 Advanced Plumbing II (3)

Prerequisite: CT 2820 or permission of advisor

Design, layout, and installation of 1) a water main system from a subdivision; 2) septic tank, leach field installation; 3) in-line staging pumps and their applications; and 4) sewage system up to waste treatment plant and heavy equipment usage penetrating to above. Possible on-sight checkout of backhoe and trencher in operation.

CT 2850 Traps, Fixtures, and Appliances (3)

Identification of the need and function of the trap; the function of a plumbing fixture and a plumbing appliance.

CT 2900 Internship (6)

A hands-on application of the principles, techniques, and procedures learned during the various courses. A major project will be designed and implemented by the students.

CRIMINAL JUSTICE (CRJ)

CRJ 1010 Introduction to Criminal Justice (3)

This course is a basic study of all components of the criminal justice system in the United States. Topics include concepts of law and crime; the criminal justice process; overview of criminal justice agencies; current criminal justice issues; and interactions and conflicts between criminal justice agencies.

CRJ 1030 Introduction to Law Enforcement (3)

Survey of the role of policing in society, including historical evolution of the concepts and methods, as well as analysis of the effectiveness of traditional and non-traditional techniques.

CRJ 1040 Introduction to Security (3)

Comparative examination of the relationship of the criminal justice system and business and industrial security. An overview of the administrative, personnel, and physical aspects of the security field.

CRJ 1050 Introduction to Corrections (3)

Trends and developments in all elements of a modern correctional system for the treatment of juvenile and adult offenders.

CRJ 1060 Introduction to Criminology (3)

Causes and patterns of criminal and deviant behavior; methods of treatment and prevention.

CRJ 3000 Constitutional Law (3)

This course is an intense analysis of federal and state court decisions that interpret the United States Constitution as to the authority and process of criminal justice agencies. Topics include an historical overview; the Bill of Rights; trial and punishment; civil remedies and constitutional conduct; and constitutional and civil rights in the workplace.

CRJ 3010 Criminal Law (3)

This course is a generic study of criminal law in the United States and does not cover any specific federal or state law. Topics include principles of criminal law; principles of criminal liability; complicity; inchoate crimes; defenses; justifications; excuses; crimes against persons; crimes against property; and crimes against public order.

CRJ 3020 Criminal Evidence and Procedure (3)

This course is an in-depth examination of criminal evidence rules in the United States. Topics include trial procedures; examination of witnesses; real/physical evidence; circumstantial evidence; hearsay evidence and exceptions; privileged communications; declarations against interests; and judicial notice.

CRJ 3030 Terrorism and the Law (3)

This course is an in-depth analysis of international, federal, and state law as they pertain to the study of terrorism. Topics include search and seizure issues; privacy laws; the Patriot Act; constitutional issues in reference to terrorism investigation/prevention; and criminal procedure.

CRJ 3040 International Law (3)

This course is an in-depth analysis of litigation of international laws. Topics include sovereign's immunity; international treaties; international courts, claims, and adjudications; norms for use of force; norms for control of terrorism; War Powers Act; National Defense Authorization Act; and international organizations.

458 School of Tech and Public Mgt Course Descriptions

CRJ 3100 Network Security (3)

This course offers an intense examination of network security defense techniques and countermeasures. Defense fundamentals are explained in great detail. Topics include network defense techniques; cybercrime and cyberspace law; cyberterrorism; intrusion detection and incident response; disaster recovery; and computer forensics.

CRJ 3210 Medico-Legal Forensics (3)

This elective course examines the basic concepts of forensic science through advanced scientific crime-solving techniques such as establishing identity through human remains. Topics include forensic anthropology; odontology; radiology; serology; DNA tracing; medical examiner procedures; wound ballistics; and trauma examinations.

CRJ 3220 Criminal Investigations (3)

This elective course is an in-depth examination of one of the three cornerstones of traditional policing: criminal investigation. Topics include physical evidence; information sources; interviews and interrogations; eyewitness identifications; crime scene reconstruction; homicide investigations; burglaries; robberies; sex crime investigations; specialized investigations; and managing criminal investigations.

CRJ 3300 Ethics and Criminal Justice (3)

Ethics in Criminal Justice is an intense examination of the ethical considerations facing the criminal justice practitioner. Topics include determining moral behavior; developing moral and ethical behavior; ethics and law enforcement; ethics and the courts; ethics and corrections; the ethics of punishment; policy and management issues; professionalism; and pride and ethics for practitioners.

CRJ 3400 Terrorism Understanding (3)

This course is an in-depth examination of the different types of terrorism. Major topics include an overview of terrorism as a political weapon; defining terrorism; examining the causes of terrorism; precepts of domestic and international terrorism; and the religious foundations of terrorism.

CRJ 3410 Domestic Terrorism (3)

This is a study of the foundations of domestic terrorism with an examination of its history and case studies. Topics include current and active domestic groups; and their organizational structure, philosophies, and networks. The discussion will examine the interrelationships and interactions of presently known groups.

CRJ 3420 International Terrorism (3)

Terrorism has become a political tool used against almost all nations of the world. The course will examine known terrorist groups throughout the world, including militant religious groups; religious zealotry; and political groups. The Middle East will be examined in great detail.

CRJ 3430 Management of Incidents (3)

This course is a basic emergency management course that could apply to all aspects of local and state governments, but concentrates on the law enforcement aspect. Topics include overall management techniques; coordination of rescue efforts; the National Incident Management System; and the Unified Command System. Related topics include mutual aid pacts; cooperative efforts with local industry; and manpower and resource management.

CRJ 3435 Maritime Security (3)

An examination of regulations, vulnerabilities, and threats relating to commercial maritime transportation, including cargo and seaport as well as issues of piracy, stowaways, drug smuggling, and terrorism.

CRJ 3440 Terrorism Prevention (3)

This course is an in-depth examination of both strategic and tactical methods of preventing existing and new forms of terrorism. Related topics include target identification; target protection techniques; and information assimilation and analysis.

CRJ 4000 Law Enforcement Administration (3)

This elective course is a study of the organization, management, and administration of law enforcement agencies. Topics include police administration in the political arena; organizational theory; police organizational structure; leadership; organizational communication; police subsystem tasks; decision making; performance evaluation; and organizational improvement.

CRJ 4011 Issues in Criminal Justice (1)

This course involves specialized research into a current issue in criminal justice.

CRJ 4050 Criminal Profiling (3)

This is an advanced course in applied criminology. Topics include case management, database development, typology validation, motive and pattern analysis, personality assessment, forensic demography, principles of geo-coding, statistical prediction, and the ethics of provocation, interview and interrogation strategies.

CRJ 4125 Intelligence Analysis (3)

This course covers both foreign and domestic intelligence gathering and analysis, with an emphasis upon analytic procedures for protection against terrorism, transnational crime, organized crime, white collar crime, gang crime, and threats to personal and public safety.

CRJ 4200 Special Topics in Criminal Justice (3)

This elective course enables the program to address the very latest issues in law enforcement. Special Topics in Criminal Justice is a seminar course on current issues such as racial profiling; control of terrorism versus individual liberties; and the effectiveness of habitual criminal statutes.

CRJ 4210 Gangs in Society (3)

Prerequisite: CRJ 1010

This elective course examines the problems of gangs in society. Topics include why gangs form, why people and society's response to the problem.

CRJ 4220 White Collar Crime (3)

Cross listed: PTMA 4220

The study of contemporary forms of white collar crime and its explanations, theories, and accounts along with its investigation, adjudication, and regulation.

460 School of Tech and Public Mgt Course Descriptions

CRJ 4230 Criminal Justice in Popular Culture (3)

Prerequisite: CRJ 1010

This elective course examines the portrayal of criminal justice in film, television, literature and mass media. In addition, these media are used to illustrate perspectives relevant to criminal justice.

CRJ 4860 Criminal Justice Internship and Practicum (3)

Prerequisites: declared major in criminal justice, senior standing, and permission of the department

This course involves work experience with a cooperating criminal justice agency, public or private. Students must complete at least 160 contact hours during the semester. Students are required to complete documentation requirements and attend two formal meetings during the course of the internship. A major written project relating to the internship experience is required.

CULINARY ARTS (CA)

Following are course descriptions for technical courses taught exclusively at Fort Campbell.

CA 2000 Introduction to the Culinary Operation (3)

Background and history of the hospitality industry and introduction to the student of the broad spectrum of hospitality/food service organizations and career opportunities.

CA 2100 Sanitation and Safety (3)

Basic principles of sanitation and safety, and the laws and regulations related to safety, fire, and sanitation. To maintain a safe and healthy environment for the consumer in the food service industry.

CA 2200 Nutrition and Menu Planning (3)

Characteristics, functions, and food sources for the major nutrient groups, and how to maximize nutrient retention in food preparation and storage. Nutrient needs throughout the life cycle and how to apply those principles to menu planning and food preparation.

CA 2300 Culinary Food Preparation (3)

Fundamentals of food preparation, service procedures, sanitation and safety practices in the food service Business, and operating techniques for equipment.

CA 2400 Food and Beverage Management (3)

Principles of volume food service and the study of food and beverage management problems, receiving, sanitation, menu planning, purchasing, storage, and cost control.

CA 2410 Dining Room Service (3)

Types of dining service appropriate to differing food service operations; students to gain an appreciation of the relationship between “front” and “back” of the house.

CA 2420 Catering and Banquet Management (3)

Catering segments of the culinary arts industry to include sales, menu planning, layouts, floor plans, ceremonial catering, weddings, kosher catering, theme catering, and legal aspects of catering.

School of Tech and Public Mgt Course Descriptions 461

CA 2500 Culinary Baking (3)

Baking science, terminology, ingredients, weights and measures, formula conversion and storage; preparation of yeast goods, pies, cakes, cookies, and quick breads; use and care of equipment; sanitation, hygienic work habits, and their conformance with health regulations.

CA 2520 Garde-Manger (3)

Basic garde-manger principles and the functions, and duties of the garde-manger department as they relate to and integrate with other kitchen operations. Introduction to specialty work, which includes ice carving, artistic centerpieces, and buffet decorations.

CA 2530 Purchasing and Receiving (3)

Purchasing and receiving of food, supplies, and equipment for various food service operations.

CA 2600 Bar Service (3)

Principles and practices concerned with bar service, to include alcohol laws and servers' responsibility, operation controls, and security.

CA 2700 Bar Management (3)

Alcohol laws and servers' responsibility, basic mechanics and principles of bartending, and basic understanding of production processes of all alcoholic beverages.

CA 2710 Meat Cutting and Processing (3)

Identification of primal cuts of meat. Proper cutting techniques and skills required for boning and tying poultry and hams, and the basics of hotel-restaurant butchery.

CA 2800 International Food Preparation (3)

Research and prepare menus representative of different countries and cuisines. Emphasized are French, Austrian, Swiss, South American, German, Italian, Dutch, Spanish, and Mexican. Ingredients and techniques unique to the menu are discussed and utilized.

CA 2900 Field Study in the Culinary Operations (3)

Direct contact in a culinary food operation with assigned specific areas of study in various food establishments. Learning objectives will be tailored to the work environment and elaborated upon during classroom study.

ELECTRONICS TECHNOLOGY (ET)

ET 1030 D.C. Fundamentals and Circuits (?)

Prerequisites: Permission of the instructor

Analysis of electrical measurements of current, voltage, and resistance, including Kirchoff's Law, Ohm's Law, series, and parallel and series-parallel circuits. Selected network theorems—superposition, Thevenin and Norton's theorems, and conductors and insulators.

ET 1040 A.C. Fundamentals and Circuits (3)

Prerequisite: ET 1030; Corequisite: ET 1120

Analysis of alternating current circuits, inductance, capacitance, reactance, impedance, series-parallel in alternating current circuits, network analysis, more complex circuits, transformers, and resonance.

462 School of Tech and Public Mgt Course Descriptions

ET 1120 Advanced Mathematics in Electronics (3)

Alternating Currents: fundamental ideas, series circuits, parallel circuits, complex algebra, Karnaugh maps, and digital arithmetic.

ET 1150 Calculus for Electronics (3)

Prerequisites: ET 1120

Fundamental concepts, functions, average rate, limits, graphic differentiation. Derivatives, derivatives applied, integrals, and integrals applied. Definite integrals, logarithmic, and exponential functions.

ET 1210 Electronic Test Equipment and Procedures (3)

Electronic instruments, how they work, and their uses in solving practical problems in the lab.

ET 1230 Electronic Fundamentals and Circuits I (3)

Prerequisites: ET 1040,1120

Basic concepts of semiconductor diodes and bipolar transistors theory. Diodes and applications, Bipolar Junction Transistor (BJT) operation, biasing, and small signal amplifiers. A study of Junction Field-Effect Transistor (JFET) and Metal Oxide Semiconductor FET transistor (MOSFET) operation, biasing, and small signal amplifiers. Analysis of Class A, Class B, and Class C power amplifiers.

ET 1240 Electronic Fundamentals and Circuits II (3)

Corequisite: ET 1230

Operational amplifiers and integrated circuits, operational amplifier applications, oscillators, active filters, voltage regulators, shockley diods, silicon controlled rectifier, diad, triac, unijunction transistor, and opto-electronic devices.

ET 2030 Digital Electronics Circuits I (3)

Corequisite: ET 1230 or *permission of instructor*

Concepts of number systems, binary and other number base systems, Boolean algebra and logic systems, logic gate circuits, adders, and flip-flips.

ET 2040 Digital Electronic Circuit II (3)

Prerequisite: ET 2030

Continuation of ET 2030, with the study of shift register counter circuits, multiplexers, digital to analog (D to A) converters, A to D converters, and memory devices.

ET 2140 Communication Circuits I (3)

Prerequisites: ET 1150,1240

Operation and theory of electronic communication systems. The theory of Amplitude Modulation (AM)/demodulation, Frequency Modulation (FM)/demodulation, and Side Bands.

ET 2150 Communication Circuits II (3)

Prerequisite: ET 2140

Continuation of 2140 with the study of antennas, transmission lines, wave propagation, and fiber optics.

ET 2320 Microprocessor Circuit Construction (3)

Prerequisite: ET 2040

Design of digital systems utilizing a microprocessor.

ET 2330 Electronic Project (3)

Prerequisites: ET 2040, 2140; *Corequisites:* ET 2150, 2320

Design fabrication involving an approved electronic project. Construction includes layout and fabrication of circuit, wiring, and the assembly. The student tests and analyzes the performance of the project and submits a written report.

ET 2410 Digital Communications (3)

Prerequisites: ET 1240, 2030

Communication techniques and systems used for digital data transfer. Digital transmission and various modulation techniques, RS-232 interface standard, other communication interfaces, telephone systems and modems, network, error detection, correction, and data security.

ET 2420 Introduction to Computer Architecture (3)

Prerequisite: ET 2320

Introducing computer purposes, computer architectures: memory CPU, computer peripherals, high-level language and data, data input/output, and voice recognition systems.

ET 2430 Introduction to Operating Systems (3)

Prerequisite: ET 2420

Introducing interrelationships of software and hardware in computer systems. A study of scheduling, shared resources, multi-users, security files, multi-tasking, and DOS and UNIX operating systems.

ET 2440 Introduction to Programmable Controller (3)

Introducing programmable logic controllers (PLC), PLC hardware, components, number systems, and codes. Fundamentals of logic; basic PLC programming; developing fundamental PLC wiring diagrams and ladder programs; programming timers and counters; PLC editing and trouble-shooting; and PLC installation practices.

ENGINEERING TECHNOLOGY (ENGT)

ENGT 1000 Introduction to Engineering and Engineering Technology (3)

Survey of engineering and engineering technology; fields of engineering and the engineering profession; academic training, careers, and job expectations; and technical problem-solving skills.

ENGT 1020 Computer Aided Drafting and Design I (3)

Prerequisite: general computer skills

Use of computers for drafting and design; hardware and software used in two-dimensional mechanical drawing; and dimensioning and plotting on paper to scale. Three dimensional and isometric drawings will also be included.

ENGT 1200 Applied Mathematics for Engineering Technology (3)

Prerequisite: mathematical background equivalent to high-school Algebra I & II

Topics from algebra, geometry, and trigonometry, and in engineering technology applications are covered. Coverage includes topics from algebra and geometry; right triangles and trigonometric functions; exponential and logarithmic functions; complex numbers.

464 School of Tech and Public Mgt Course Descriptions

ENGT 1400 Applied Calculus for Engineering Technology (3)

Prerequisite: ENGT 1200 or MATH 1730

Coverage includes: application to calculus in technology, derivatives, applications of derivatives, direct integration, integration by use of tables, applications of integration, topics from analytic geometry, conic sections and introduction to differential equations.

ENGT 1720 Plane Surveying (3)

Prerequisite: ENGT 1200 or MATH 1730

Coverage includes field procedures necessary for measuring distances, elevations, horizontal and vertical angles, topographic mapping, boundary and area calculations, transit and stadia surveying, leveling, and curve ranging.

ENGT 2000 Manufacturing Processes (3)

Principles, processes, and problems associated with conversion of engineering materials into useful forms and goods; machining operations using traditional and computer numerical controlled machine tools.

ENGT 2010 DC Circuits and Applications (3)

Corequisite: MATH 1730 or ENGT 1200

Overview analysis of electrical measurements direct current circuits; Ohms Law, series and parallel circuits, Kirchoff's Law, and selected network theorems including superposition, Thevenin's, and Norton's theories applied to DC circuit.

ENGT 2020 Robotics Fundamentals (3)

Topics include history of robotics, terminology, classifications, end-of-arm tooling, sensing, control, applications, safety, development, future trends and social impact. In hands-on activities the students will program robots for some simple tasks.

ENGT 2030 AC Circuits and Applications (3)

Prerequisites: ENGT 2010

Analysis of alternating current circuits, inductance, capacitance, reactance, impedance, Kirchoff's Laws, and selected network theorems including superposition, Thevenin's, and Norton's theories applied to AC circuit analysis. Introduction to electronics, resonance, and filter circuits.

ENGT 2500 Construction Materials and Methods (3)

This course covers the properties, uses, and availability of most commonly used construction materials like wood, steel, sand, concrete, concrete admixtures, reinforced concrete, pre-stressed concrete blocks, bricks, and various other new products. The knowledge gained from this course allows student to select the right construction material for a job.

ENGT 2730 Introduction to Solid Modeling (3)

Prerequisites: ENGT 1020

Introduction to technical drawing and solid object modeling using ProEngineer software. Basic techniques for generating 3D solid models. Basic topics in 2D engineering drawing and generation of drawings from solid models.

ENGT 2990 Cooperative Work Experience I (3) – (area of concentration)

Prerequisites: ENGT 1020, *sophomore standing with advisor approval*

An educational experience combining college studies with institutionally supervised and preapproved work experiences at cooperating organizations. Student must apply and be accepted prior to registration. Other regulations apply. See cooperative work experience advisor.

ENGT 3000 Materials Science (3)

Prerequisites: ENGT 2000 *or permission of instructor*

Introduction to structure, properties, and manufacture of engineering materials including polymers, metals, ceramics, and composites. Atomic, molecular, and crystal structures; crystal geometry and growth will be related to electrical and mechanical properties.

ENGT 3010 Engineering Economics (3)

Prerequisites: MATH 1730 *or* ENGT 1200

Coverage includes the basics of economic decision making common to industrial management and personal finance. Time value of money and other commonly used measures, for its present or future worth, are compared in investment decisions.

ENGT 3020 Statics and Strength of Materials (3)

Prerequisites: MATH 1730 *or* ENGT 1200, PHYS 2010

Analysis of forces acting on a body at rest, equilibrium of rigid body, friction, center of gravity, moment of inertia, stresses and strains, torsion, shear, bending moment, deflection, Mohr's circle, and column design.

ENGT 3030 Thermodynamics (3)

Prerequisites: MATH 1810 *or* ENGT 1400, PHYS 2010

Application of thermodynamic principles to energy systems; properties and phase changes; energy conversion; power system operating cycles; refrigeration; and introduction to heat transfer.

ENGT 3040 Power Transfer Technology (3)

Prerequisites: MATH 1810 *or* ENGT 1400

Introduction to principles and practices for transfer of power utilizing high electrical voltages, hydraulics, and pneumatics.

ENGT 3050 Problem Solving in Engineering Technology (3)

Prerequisites: MATH 1530, MATH 1810 *or* ENGT 1400

Creative and analytic methods for solving technological problems. Creative strategies; problem definition; finding solutions; implementation and evaluation. Mathematical tools applied to technological problems. Plotting, data reduction, and curve fitting; statistical methods. Spreadsheets and mathematical analysis software applied to technological problems.

ENGT 3100 Robotics Applications (3)

Prerequisite: ENGT 2020

Applications of robots in various areas; case studies of robotic application related improvements in industries; hands-on Fanuc, Adept, and Mitsubishi robot programming and implementation.

466 School of Tech and Public Mgt Course Descriptions

ENGT 3200 Electronics Fundamentals I (3)

Prerequisite: ENGT 2030

Introduction to semiconductor electronic devices: diodes and applications, transistors – Bipolar Junction Transistor (BJT) operation, biasing, small signal amplifiers, Field Effect transistors (FET), and other components. Analysis of Class A, Class B, and Class C power amplifiers.

ENGT 3220 Digital Design I (3)

Prerequisite: ENGT 2010

The study of digital combinational circuits. Topics include number systems, logic gates, Boolean algebra, and logic simplification, Karnaugh mapping and functions of combinational logic. Students will solve selected problems by application of circuits.

ENGT 3240 Electronic Fundamentals II (3)

Prerequisite: ENGT 3200

Advanced topics in electronics. Use of operational amplifiers and integrated circuits, operational amplifier applications, oscillators, active filters, voltage regulators, and controlled voltage regulators.

ENGT 3250 Digital Design II (3)

Prerequisite: ENGT 3220

The study of digital sequential logic. Topics include latching, flip-flops, counter circuits, coding, timing, shift registers, data transmission, memory, and storage. Further study of Karnaugh mapping in sequential circuits.

ENGT 3260 Microprocessors (3)

Prerequisite: ENGT 3250

Microprocessor software architecture, assembly language structure and programming; PPI circuit boarding and I/O interfacing and programming. Microprocessors and PPIs are used in hands-on activities.

ENGT 3280 Communications Systems I (3)

Prerequisite: ENGT 3200, MATH 1810 *or* ENGT 1400

Introduction to communications systems with emphasis on the theory of Amplitude Modulation (AM)/demodulation, Frequency Modulation(FM)/demodulation, and Side Bands, Transmission and reception techniques.

ENGT 3510 Contracts Management (3)

This course presents students with an overview of the process of identifying opportunities, responding, securing, and managing work in a contract environment. Students will gain insight into the legal, procedural, and policy environments relative to contract work. Assignments will contain construction contracts.

ENGT 3610 Production/Operations Management (3) - (same as DSCI 3410)

Prerequisites: *junior standing*, ENGT 3050 *or permission of instructor*

Methods of efficient plant management, including production scheduling, inventory control, forecasting, linear programming, transportation, statistical analysis, CPM, PERT, simulation, quality control, work management, and maintenance.

ENGT 3650 Statistical Quality Control (3) - (same as DSCI 3530)

Prerequisites: junior standing, ENGT 3050 or permission of instructor

Basic principles and techniques of quality control and its applications to manufacturing process. Emphasis on process control, sampling inspections, reports, and records based on statistical analysis.

ENGT 3660 Managerial Dynamics and Simulation (3) - (same as DSCI 3510)

Prerequisites: ENGT 1020, 3610

Dynamic phenomena surrounding business and engineering environment through simulation techniques on computer. Problems in queuing theory, inventory processing, sales forecasting, advertising, random number generators, flow charting, and stochastic nature of equations, Buffon's Needle, and discrete and continuous systems.

ENGT 3710 Introduction to Environmental Engineering Technology (3)

Prerequisites: ENGT 2000

Introduction to water, soil, and air pollution, with emphasis on treatment of water and wastes introduced into the environment by manufacturing operations. Environmental regulations and review of environmental chemistry.

ENGT 3720 Architectural CAD (3)

Prerequisite: ENGT 1020

Use of computer aided design software (AUTOCAD) to design and draw architectural floor plans, sections, and elevations; dimensioning; plotting to scale; area calculations; and surveyors drawings.

ENGT 3730 Soil Mechanics (3)

Prerequisite: ENGT 3020

Mechanical and physical properties of soils and their relation to engineering design considerations such as soil classification, shearing strength, settlement, stress distribution, and bearing capacity. Designing size dimensions of footings, retaining walls, and bearing piles.

ENGT 3790 Planning, Scheduling, and Estimating (3)

Prerequisite: ENGT 3010 or permission of instructor

Planning and scheduling of projects; quantity estimates of materials needed in common civil engineering construction.

ENGT 3800 Computer-Aided Manufacturing (3)

Prerequisites: ENGT 2000, 2020

Concepts of automation, flexible manufacturing, and CAM. Introduction to manufacturing systems, product design, production engineering, manufacturing planning and control, production process and support machines and systems, and use of CAD/CAM. A term project is required where students design a product, plan for production and layout the production line. Through this, the students prepare for the capstone course ENGT 4850 CIM.

ENGT 3810 Plastics Manufacturing Technology (3)

Prerequisite: ENGT 3000

Overview of plastic materials; types of plastics and material properties; and industrial manufacturing processes used to make useful products, including injection molding, extrusion, thermo-forming, blow molding, and casting. Plastics manufacturing equipment and operations reviewed in laboratory.

468 School of Tech and Public Mgt Course Descriptions

ENGT 3820 Technology and Society (3)

Note: not accepted as ENGT elective for ENGT majors

Overview of technology and the effects of technical innovations on society. Physical, economic, and societal aspects in technical decision making. Ethics in technology. Examination of the public image of technology and its impact on society. Focus on developing technical literacy and preparing students to make informed decisions on technological issues.

ENGT 3830 Metals Manufacturing (3)

Prerequisite: ENGT 3000

Methods for preparation of metals and alloys including ore dressing; reduction of metal oxides and sulfides; refining of metals and alloys; phase diagrams, physical properties, and classification nomenclature.

ENGT 3840 Dynamics (3)

Prerequisites: ENGT 1400, MATH 1810, ENGT 3020

Fundamental principles of dynamics applied to predicting the motion of particles, collections of particles, and rigid bodies. Introduction to mechanical vibrations.

ENGT 3850 Manufacturing Processes II (3) – (area of concentration)

Prerequisites: ENGT 1020, 2000

A continuation of computer controlled manufacturing machines to include processes, machine selection, and conversion of geometric analysis into computer numerical control (CNC) language. Students will program and operate a variety of CNC machines. Machine maintenance is emphasized in lecture and applied to laboratory equipment.

ENGT 3990 Cooperative Work Experience II (3)

Prerequisites: junior standing

This educational experience combines the student's college studies with institutionally supervised, preapproved work experiences with cooperating organizations. Student must apply for and be accepted prior to registration and present an acceptable report at the end of the project. See the cooperative work experience advisor for more information.

ENGT 4000 Senior Project (3)

Prerequisites: senior standing and advisor approval

Capstone experience prior to full-time employment. Students will work on a technical project in industrial environment. Students must get prior approval for the project and present an acceptable report at the end of the project. Preparation for full-time employment; resumes; interview and job expectations; oral and written presentation of technical subjects; and current topics in industry.

ENGT 4020 Architectural Structure Design (3)

Prerequisite: ENGT 3020

This course covers the design of wooden, steel, and concrete structural members in a building using appropriate codes.

ENGT 4120 Sensors and Vision Systems (3)

Prerequisites: ENGT 3260 or 3800

Topics include contact and non-contact sensors, automatic identification technology, used in industries especially for automation. Hands-on activities include sensor interfacing, bar coding, vision system setup, image processing, and applications.

ENGT 4150 Programmable Logic Controls (3)

Prerequisites: ENGT 3220

Begins with fundamentals of programmable logic controllers and proceeds through various control logic and diagrams, programming languages, and control circuits. Current availability, use, and operation of PLC's. Students will program various PLCs for class projects.

ENGT 4200 Linear Electronics (3)

Prerequisites: ENGT 3240, 3280, and permission of instructor

Introduction to linear integrated circuits analyzing, modeling, and predicting the performance of operational amplifiers and related linear integrated circuits; circuit functions and applications with emphasis on operational amplifiers and other state-of-the-art devices. Capstone project course for the electronic concentration – electronics option; this integrating experience requires students to make use of all elements in the electronics curriculum.

ENGT 4210 Control Systems (3)

Prerequisites: ENGT 4200

Introduction to fundamentals of control systems beginning with analog analysis and basic mechanical concepts such as gears, springs, friction and inertia, and covers feedback control theory that links electrical and mechanical concepts.

ENGT 4220 Communication Systems II (3)

Prerequisites: ENGT 3220, 3280

Introduction to digital communication with emphasis of digital and data communication techniques, transmission lines, wave propagation, antennas, waveguides and radar, microwave and lasers, and fiber optics.

ENGT 4500 Occupational Safety and Health (3)

Prerequisite: junior standing

This course covers study of the causes and types of accidents and safety hazards in the workplace, OSHA Acts and Standards, and ethical issues to improve safety and hazards. Proper method of accident investigation and accident reporting are covered thoroughly. Also covered are topics on safety analysis, safety and health training, and safety management.

ENGT 4610 Advanced Concepts in Management Science (3) - (same as DSCI 4410)

Prerequisite: ENGT 3610

Continuation into the advanced sections of production\operations management. Stochastic inventory, interger, non-linear mathematical, and goal programming; effects of quality control, plant layout, and queuing on the overall production process; sensitivity analysis and simulation.

ENGT 4710 Fluid Mechanics (3)

Prerequisites: MATH 1810 or ENGT 1400, PHYS 2010

Physical phenomenon of fluid flows in closed pipes and open channels using fundamental laws and empirical formulae. Fluid properties, manometry, fluid pressure, quantity of flow, submerged bodies, and buoyancy.

470 School of Tech and Public Mgt Course Descriptions

ENGT 4720 Advanced Computer-Aided Design (3)

Prerequisite: EENGT 1020 or permission of instructor

Use of computers in design and drafting of complex shapes and machine components through construction of two or three-dimensional or isometric drawings. Other topics include blocks, attributes, bills or materials, external references, and paper space drawing and printing.

ENGT 4730 Applied Solid Modeling (3)

Prerequisites: ENGT 2730

Applications of solid object modeling using ProEngineer software. Generation of 3D solid models of complex objects and traditional 2D engineering drawings including sections, elevations, and auxiliary views from solid models. Use of solid models in engineering design and analysis.

ENGT 4800 Machine Design (3)

Prerequisite: ENGT 1400 or MATH 1810, ENGT 3020

Overview of machines, mechanical systems, and machine dynamics. Transmission components and applications. Machine element design based on strength of materials. Machine element failure. Introduction to machine operation, maintenance, and condition monitoring.

ENGT 4810 Advanced Manufacturing Processes (3)

Prerequisite: ENGT 3850

Conversion of working drawings to programs for computer numerical control (CNC) machines. Methods of selecting the appropriate manufacturing processes for specific applications and the application of lecture topics to laboratory exercises. Lecture and laboratory content emphasize quality control techniques. Students will begin the initial phases of the manufacturing capstone project for the course ENGT 4890.

ENGT 4850 Computer Integrated Manufacturing (3)

Prerequisites: ENGT 3800 and permission of instructor required for registration

A structured approach to the development and implementation of a robot work cell. The class is required to design and manufacture a product in the capacity of equipment and facility in the department. The primary objective is to provide practical experience integrating CNC machine tools, robots, sensors, vision systems, PLCs etc., hardware and their software for automation.

ENGT 4860 Product Safety and Liability (3)

Prerequisites: ENGT 1000, ENGT 2000

Application of engineering technology principles to control hazards affecting safety of industrial products. Development of design criteria for system modification. Agencies that control manufacturing and distribution of hazardous products. Product safety laws and legal liabilities.

ENGT 4870 Facilities and Equipment for Environmental Engineering Technology (3)

Prerequisite: ENGT 3710

Facilities, structures, and equipment developed to treat or remove environmental wastes. Emphasis on operation of facilities and equipment at engineering technology level. Current methods for handling and treatment of solid, liquid, and gaseous industrial and municipal wastes.

ENGT 4880 Refrigeration Machines and Power Systems (3)

Prerequisite: ENGT 3030

Application of thermodynamic principles to understanding and improving power systems and refrigeration machines. Rankine, Otto, Diesel, and Brayton cycles of power; vapor compression and absorption machines for refrigeration. Psychrometrics and combustion, applications of heat transfer, and solar power system.

ENGT 4890 Manufacturing Capstone (3)

Prerequisite: ENGT 34810

An integrated work experience allowing students to apply the knowledge gained from Engineering Technology core and manufacturing concentration courses. Students will be required to solve a real-life problem relevant to a manufacturing process or system, within an industrial setting by developing a strategy for problem resolution and then applying that strategy for project completion.

ENGT 4991 Special Problems (3)

Prerequisites: departmental chair approval

Reserved for ENGT students who need a class for graduation that is not being offered or is closed due to low enrollment. May also be used to study a topic not offered as a regular course.

ENGT 4992 Special Problems (4)

Prerequisites: senior standing and departmental chair approval

Reserved for ENGT students who need a class that includes an Engineering Technology laboratory for graduation that is not being offered or is closed due to low enrollment. May also be used to study a topic not offered as a regular course.

FOOD SERVICE TECHNOLOGY (FS)

Following are course descriptions for technical courses taught exclusively at Fort Campbell.

FS 2040 Cake Decorating (3)

Fundamentals and techniques of cake decorating: the preparation and baking of a variety of cakes and icings, the art of preparing color flow, marzipan, and pastillage.

FS 2050 Ice Sculpture (3)

Fundamentals and techniques of preparing ice sculptures: ice selection, moving, handling, storage, and the preparation of templates.

FS 2200 Gourmet Foods (3)

Prerequisite: permission of advisor

Creativity in food preparation with emphasis on sectional food in the U.S. and foreign foods. Methods of enhancing appearance and taste of dishes for family and quantity food service; preparation and service. Preparation and use of soups, sauces, gravies, stocks, and beverages.

472 School of Tech and Public Mgt Course Descriptions

FS 2500 Decoration and Design (3)

Prerequisite: FS 2200 or permission of advisor

Theory, demonstration, and practice in the production of decoration exhibits work to include string work, color flow, fruit and vegetable sculpture, pastillage, chaud-froid, tallor, and chocolate.

FS 2980 Culinary Skills (3)

Prerequisite: FS 2500 or permission of advisor

The art and technique of culinary arts; the creating and preparing of cocktail canapés, cold buttefish/shellfish, cold buffet meat-poultry/game, cold buffet dessert, decorated edible cake, fancy pastries. Centerpieces—sculptures made of chocolate and tallow, fruit and vegetable, work in pastillage, weight-watcher meals, and breads.

MANAGEMENT TECHNOLOGY (MT)

MT 1000 Introduction to Business Environment (3)

Complex set of interrelationships between the business organization and its environment. Dimensions of work-related experiences, behavioral problems encountered, and issues involved in business/society relationships, and current assessment of the role that business plays within a changing society.

MT 1010 Mathematics of Drugs and Solutions (2)

Fundamental mathematical skills to calculate drug dosage, fractional and decimal arithmetic, and solving for an unknown in a proportion.

MT 1050* Industrial Mathematics (3)

Common and decimal fractions; percentages; ratio and proportion; algebra; areas and volumes; metric measure; graphs; geometrical constructions; trigonometry; work and power; and speed ratios of pulleys and gears.

MT 2010 Accounting Survey (3)

Concepts and principles of accounting: accrual accounting, the accounting cycle, financial statements, and the capital structures of sole proprietorship, partnerships, and corporations.

MT 2030 Marketing Survey (3)

Basic framework and facts of marketing to include marketing research, advertising, direct and indirect selling and distribution, methods of pricing, warehousing, sales control, and sales promotion, with continual emphasis on the consumer, competition, and governmental regulations.

MT 2050 Principles of Management (3)

Organizational management with emphasis on various models and functions. Concepts of the management functions of planning, organizing, and controlling, with an emphasis on behavioral science concepts as applied to managing people in organizations.

MT 2100* Mathematics for Management (3)

Designed primarily for students who are planning to enter the field of business. Arithmetic fundamentals, basic principles of algebra, percentage, discounts, simple and compound interest, annuities, etc., and their application to various phases of business.

MT 2110* Business Statistics (3)

Prerequisites: MT 2100, MATH 1110 or consent of instructor

Methods of gathering and analyzing statistical data by using the process of statistical reasoning; probability and distribution; correlation and regression; expected value; network analysis; queuing theory; economic order quantity; and linear programming. Does not meet the Liberal Arts core requirement for mathematics.

MT 2120 Statistical Process Control (3)

Basic principles and techniques of quality control and its applications to the manufacturing process, process control, sampling inspections, reports and records based on statistical analysis.

MT 2150 Personal Financial Management (3)

Consumer problems including credit, financial statements, budgeting and saving techniques, insurance, legal documents, housing, investments, income taxes, retirement and estate transfer, and family financial liabilities.

MT 2200 Business and Industrial Safety (3)

Safety and health in the business, manufacturing, construction and utilities industries, laws, OSHA, codes, regulations, standards, and product liability considerations. Organizational and administrative principles and practices for safety management and safety engineering, accident investigation, safety education, and safety enforcement.

MT 2250 Introduction to Business Law (3)

Legal rights and potential liabilities of business persons. Principles of business law in contracts, negotiable instruments, personal property, agency employment, and federal and state regulations for proprietorship, partnerships, syndicates, and corporations.

MT 2270 Business Ethics (3)

Contemporary issues in business practice: truth in advertising, the use of power and influence, the social responsibility of business, affirmative action and equal opportunity, and the ethics of profit.

MT 2370 Human Relations in Business (3)

Human interactions with the social, organizational, and human elements encountered in the work environment, group processes, group structures, group conflicts, cohesion, leadership, group productivity, and decision making.

MT 2400 Human Resource Management (3)

Organization, functions, and administration of a personnel department, including selecting, training, placement, morale, leadership, promotion, appraisal, pay incentives, employee-employer relationship, and laws affecting the personnel function.

474 School of Tech and Public Mgt Course Descriptions

MT 2450 Labor Relations (3)

Applied labor and manpower problems in the U.S.; the relationship between management and unions; collective bargaining; contract administration; and impasse procedures in the public and private sectors.

MT 2500 Purchasing and Logistics (3)

Purchasing and logistics management of materials and equipment in industry and government. Control and flow of materials through the manufacturing process. Storage and handling of materials internal to plant operations, study of the optimum quality, price, source, quantity, and time.

MT 2550 Small Business Operations (3)

Analysis of problems and considerations involved in establishing, planning, organizing, and operating new business ventures, special research reports, field projects, case analyses, and panel discussions with business persons.

MT 2570 Production Management (3)

Methods of efficient plant management, production scheduling, inventory control, forecasting, linear programming, transportation, procedures of MRP, JIT, and other techniques.

MT 2600 Seminar: Special Topics in Industrial Management (3)

An in-depth examination of topics of a timely interest to the manufacturing community.
*Does not fulfill Liberal Arts Mathematics Core requirements.

PROFESSIONAL STUDIES (PTMA)

PTMA 3000 Organizational Team Building (3)

Using theoretical principles of adult learning and group dynamics, this course introduces students to the skills required to effectively manage team processes. Students learn how to use project teams, select team members, lead effective meetings, and work through team problems.

PTMA 3010 Management of Organizations

This is a survey course of the field of management and its role within complex organizations. Key elements of management theory and practice to be covered include planning, organizing, controlling, and leading in organizations.

PTMA 3020 Managing Information Technology (3)

Provides an awareness of the role of information technology in the work environment and organizations. Major concepts, developments, and managerial implications involved in computer hardware, software, communications, and other computer-based information technology will be explored.

PTMA 3050 Cultural Diversity in Organizations (3)

Theoretical and practical approaches to the complexities of issues of diversity will be examined by reviewing typical values, habits, interactions, and concerns of different cultural groups in the workplace. Students will identify and practice strategies to overcome barriers and conflict in the workplace.

PTMA 3060 Organizational Ethics (3)

Discussion of ethical issues, the development of a moral frame of reference and the need for an awareness of social justice in management practices and business activities. Review of ethical responsibilities and relationships between organizational departments, divisions, executive management and the public.

PTMA 3070 Professional Development (3)

Emphasis on career analysis and acquisition, time management, listening skills, oral and nonverbal communication competencies, participative management responsibilities, interpersonal skills, multi-cultural awareness, and leadership strategies. Participation in professional and community service organizations and professional development opportunities will be encouraged.

PTMA 3100 Global Logistics (3)

Case study analyses and exercises recognizing the interrelationship of logistics and supply chain management. Logistical operations using domestic and global logistics channels will be explored. In addition, content will address the discovery and impact of the demands placed on companies due to cultural differences, currencies, governmental, and environmental issues.

PTMA 3120 Intercultural Business Communication (3)

This course focuses on an understanding of cultural priorities with actual business practices. A combination of intercultural skills as well as culturally diverse workplace environments and communication processes will be explored.

PTMA 3140 Survey of the Legal Process (3)

Provides a basic background in the United States legal process for students who want only an overview of the process or who plan to take additional courses in the legal field. The course will survey the history of the common law, legal reasoning, basic terminology, legal research, and the legal profession, and provide an introduction to civil and criminal process.

PTMA 3230 Workforce Management (3)

This is a survey course of the field of human resource/personnel and its role within an organization. Key elements of managing the personnel function will be explored. Current issues including outsourcing, EEO, affirmative action, and ADA will be explored.

PTMA 3240 Financial Measurement, Analysis, and Reporting (3)

This course develops the basic concepts and procedures underlying corporate financial statements and introduces tools for analyzing profitability and risk. Students will explore the impact of the alternatives available within generally accepted accounting principles on financial statements, especially in terms of managements financial reporting strategy.

PTMA 3400 Total Quality Management (3)

This course is designed to inspire students to increase their expertise in the practices and principles of quality. The course begins with a detailed study of quality philosophy and proceeds to the study of quality applications.

476 School of Tech and Public Mgt Course Descriptions

PTMA 3450 The Quality Manager (3)

This course provides a thorough understanding of the principles, terms, and concepts of quality management to include quality standards, implementing organizational assessments, and building and maintaining customer satisfaction.

PTMA 3460 The Quality Auditor (3)

This course provides a thorough understanding of the standards and principles of auditing, and the auditing techniques of examining, questioning, evaluating, and reporting to determine a quality system's adequacy and deficiencies. Students will learn how to analyze all elements of a quality system and judge its degree of adherence to the criteria of industrial management and quality evaluation and control systems.

PTMA 3465 Quality Process Control for Non-Statisticians (3)

This course teaches students how to translate organizational missions and strategies into comprehensive sets of performance measures using proactive indicators of performance such as financial, customer, internal process data, and indicators of learning and innovation.

PTMA 3500 Methods of Performance and Productivity (3)

This course is designed to expose students to fundamental theories of organizational performance measurement, such as Management by Objectives and Total Quality Management. In addition, the course will train managers in the use of these techniques for the purpose of improving the overall management and operation of organizations.

PTMA 3505 Report Writing and Interviewing Techniques (3)

Types and purposes of reports, initial report, opening statement, body, ending, progress report, final report, summary, proof, substantiation, investigator's conclusions, attachments, supplemental report, mechanics of report writing, using notes, key points, persons involved, evidence collected, facts paragraphs, tense: the who-what-where-when-how-why elements, objectivity and directness; helping the reader; and critique and revise. Interview and interrogation compared, dealing with the uncooperative, the processes of interviewing and interrogating, obtaining facts, semantics, evaluating the situation, using psychology, perception, memory and stress, prejudice and reluctance, fear and resentment, gaining respect, using an observer dealing with victims and witnesses, preparing for the interview, mental preparation for the interview, conducting the interview and knowing what to ask and when.

PTMA 3510 Organizational Fraud Conduct and Procedures (3)

Emphasis on the conduct of fraud examinations, including a discussion of specific procedures used in forensic examinations and the reasoning behind the use of these procedures. Coverage extends to detection, investigation, and prevention of specific types of fraud committed against organizations and individuals.

PTMA 3520 Industrial Fraud (3)

The course provides an overview of the methodology of fraud examination which involves obtaining documentary evidence, interviewing witnesses and potential suspects, writing investigative strategies to determine why and how occupational fraud is committed. Students will analyze human behaviors that are difficult to identify and quantify such as greed, deception, and cheating can be deterred, investigated, and prosecuted.

PTMA 3600 Organizational Marketing (3)

This is a survey course of the field of marketing and its role within an organization. It examines marketing concepts, terms, and management and includes study of the areas of product development, place, promotion, and price.

PTMA 3620 Professional and Public Relations (3)

This course surveys the basic concepts, strategies, and tactics practiced in professional and public relations. Students learn how an organization's core values are reflected and affected in building ethical, productive relationships with strategic constituencies. Real-world examples of both successful and unsuccessful PR approaches are critically examined. Readings, cases, examples, discussions and exercises help students relate theory to the actual practice of professional and public relations.

PTMA 3650 Global Marketing (3)

This course will introduce students to the fundamental concepts of marketing and business used in an international marketing environment. There will be special emphasis on cultural influences and the political, legal, and economic environments that make up the global economy. Students will learn how to conduct market research through the analysis of product planning, promotion, adaptability, foreign exchange and international finance, distribution channels, and alternative methods of operating.

PTMA 3990 Contract Management (3)

This course presents students with an overview of the process of identifying opportunities (grants or RFPs, for example), responding, securing, and managing work in a contract environment. Students will gain insight into the legal, procedural, and policy environments relative to contract work.

PTMA 4020 Written Professional Communication (3)

Prerequisites: ENGL 1010

Communication theory applied to the professions with emphasis on effective writing. Practices and mechanics of researching, writing, and editing reports, proposals, procedures/policies, and typical business correspondence will be included. Students will be exposed to information technology, ethics in writing, and intercultural communications.

PTMA 4100 Economic Issues for Organizations (3)

This course frames economic issues from the perspective of organizations and how organizations respond. The content will cover both micro and macro economic perspectives. Students will have the opportunity to apply economic principles to a wide variety of cases presented and available to students, as content is made available.

PTMA 4220 White Collar Crime (3)

An examination of the nature and extent of white collar crime to include the concepts, trends, theoretical explanations, the methods and mechanics of social control used by society and the criminal justice system in this context.

PTMA 4240 Data Mining (3)

This course is an introduction to the concepts, techniques, and systems of data warehousing and data mining, including (1) design and implementation of data warehouse and online analytical processing (OLAP) systems, and (2) data mining concepts, methods, systems, implementations, and applications.

478 School of Tech and Public Mgt Course Descriptions

PTMA 4400 Strategic Planning for Organizations (3)

This course provides a pragmatic study of the design and development of strategic thinking and organizational alignment that can yield high-impact results and measurably add value to the organization, its clients, and society.

PTMA 4500 Management of Operations (3)

This course consists of a managerial overview and analysis of business concepts and strategies. Emphasis is on the study of incorporating major functions of business, enabling organizations to improve efficiency and effectiveness in the highly competitive global and local markets. Specific topics to be covered include planning, communication, material management, safety, marketing, finance, government, and society.

PTMA 4600 Project Management (3)

This course presents students with an overview of project management environments with an emphasis on the basic building blocks of selection, planning, managing, and closing out projects. The use of technology as a management tool will be explored in some detail as well. Students are encouraged to take this course toward the end of their program.

PTMA 4800 Organizational Training and Development (3)

Investigates theories of learning and instructional development for the education and training of employees. Topics include instructional design, implementation, evaluation, and management of training in organizational environments. Trends and careers in training and development and the role of training as a technology implementation strategy, and the trainer as a change agent are emphasized.

PTMA 490A Special Problems in Professional Studies (1)

PTMA 490B Special Problems in Professional Studies (2)

PTMA 490C Special Problems in Professional Studies (3)

Specialized independent study under the direction of a faculty member. Junior standing and supervising faculty approval of research topic(s) are required.

PTMA 4990 Professional Studies Capstone (3)

Prerequisite: completion of 27 hours of upper division credit which has been accepted and applied to the degree requirements for the Bachelor of Science in Professional Studies

This course is the capstone learning experience for the Professional Studies major. It focuses on how organizations formulate, implement, and evaluate strategies. The course is designed to integrate the student's functional organizational knowledge in the service of completing a strategic analysis of an existing organization or through building a strategic plan for an entrepreneurial venture.

PUBLIC MANAGEMENT (PM)

PM 2500 Statistics for Public Management (3)

Introduction to basic statistics needed for conducting social science research.

PM 3010 Developing Volunteer Programs (3)

This class is designed to foster and develop a theoretical understanding and a practical application for private citizens/agencies and public agencies to work together in providing a wide range of public services, from feeding and clothing, neighborhood crime watch, and Habitat for Humanity to mental health assistance. In this class we will explore and examine effective methods for managing volunteer programs supported by private and public agencies. This analysis will be conducted from an historical perspective.

PM 3140 Introduction to the Legal Process (3)

Provides a basic background in the United States legal process for students who want only an overview of the process or who plan to take additional courses in the legal field. The course will survey the history of the common law, legal reasoning, basic terminology, legal research, and the legal profession, and provide an introduction to civil and criminal processes.

PM 3150 The American Criminal Justice System (3)

Describes and analyzes the system's operational components from a multi-disciplinary perspective. Material is drawn from administrative sciences, law, human behavior, sociology, psychology, and political science, in addition to criminal justice.

PM 3160 Civil Rights and Civil Liberties (3)

Focuses on civil liberties in terms of congressional statutes and judicial rulings. The impact of judicial rulings on the implementation and administration of statutory law is examined.

PM 3170 Criminal Law (3)

Provides an analysis of the nature and theories of law and the substantive nature of common law and statutory law regarding criminal sanctions. Constitutional case law is the primary mode of analysis.

PM 3180 Criminal Procedures (3)

The procedural aspects of criminal law pertaining to police powers, in connection with the laws of arrest search and seizure, the exclusionary rule, eavesdropping, confessions, and related decision making factors.

PM 3200 Public Sector Management (3)

Management in the public sector with a special focus on the ways in which government employs a wide variety of disciplines in the implementation of public policy.

PM 3230 Public Personnel Administration (3)

Governmental policies in the United States relating to the staffing of public administrative agencies. Examination of the structure of the civil service system, personnel recruitment, selections, training, and collective bargaining by public employees.

PM 3235 Public Policy Analysis (3)

The policy-making process with emphasis on policy analysis. Specific policy areas included for analysis are welfare, criminal justice, education, civil rights, energy, the environment, and regulation of the economy.

480 School of Tech and Public Mgt Course Descriptions

PM 3240 Public Budgeting and Financial Management (3)

Budgeting and financial management in the public sector. Reviews the governmental revenues and expenditures. Analyzes the practices and procedures of public financial management.

PM 3250 The Principles and Practice of Urban Planning (3)

Methods and procedures used in urban planning; practical dimensions of collecting, reviewing, and developing plans useful for local projects.

PM 3310 Race and Cultures in Administration and Politics (3)

An examination of controversies relating to racial integration of schools, neighborhoods, and the workplace. An analysis of the relationship between racism and workplace, crime, family disorganization, and the role of racial fears, along with reasons for not eliminating injustice through changes in policy and legislation.

PM 3400 Women and Administration (3)

The role of women in administration. A focus on the problems and opportunities in the workplace with the entrance of women in administration.

PM 3710 Evaluation and Effectiveness (3)

This course is designed to expose students to the prominent techniques of individual group and team performance evaluation. It is also designed to develop managers trained to utilize and apply these techniques to public and quasi-public sector organizations, for the purpose of quantifying individual, team, and group performance and for improving organizational effectiveness.

PM 3760 Methods of Research for Administration (3)

The nature of the scientific method and basic techniques in social science research as applied to the collection, analysis, and interpretation of social and management data.

PM 4090 Comparative Public Administration (3)

Introduction to the governmental administrative and political systems of both developed and underdeveloped countries. Focus on the political system and its manifestation in the administrative system.

PM 4100 Normative Theory and Public Management (3)

Classical conception of political philosophy through an in-depth study of how the major political philosophers dealt with the problems of individual and social justice, the best possible regime forms, and the natural criteria of evaluating and judging the management of public institutions.

PM 4120 Organizational Theory and Behavior (3)

An introduction to organizational theory and its relationship to behavior and management.

PM 4320 Administrative Law (3)

The procedural law of public agencies and the exercise of discretion and control through internal procedures and judicial review. Special emphasis is directed toward the legal environment of public administration and the impact of court decisions on the administrative process.

PM 4330 Political Aspects of Criminal Behavior (3)

An examination of criminal behavior of individuals and the effects of their behavior on the political system. Both the reality of criminal behavior and the perception of crime will be examined in relation to measures taken to control the behavior of criminals.

PM 4340 Public Sector Labor Law (3)

An examination of the emergence and impact of unionization and collective bargaining on the public sector, with emphasis on the role of the public administrator. Administrative and court decisions to examine issues of current significance concerning public sector labor relations.

PM 4350 Employment Discrimination Law (3)

Concentrates on employment distinctions based on invidious grounds such as race, gender, religion, national origin, age, and handicaps. It examines Title VII of the Civil Rights Act of 1964, the Age Discrimination Act, the Equal Pay Act, and various executive orders pertaining to employment discrimination.

PM 4360 Ethics in Public Administration and Not-for-Profit Organizations (3)

The management of public and non-profit organizations must be, by definition, ethical. This is an undergraduate course on ethical management for public services and non-profit organizations. The main purpose of this course is to provide a comprehensive coverage of ethical issues in managing public services and a variety of not-for-profit organizations. This course introduces students to various aspects of administrative ethics with specific reference to public sector management. The seminar-style course is designed to help students learn about the basic ethical principles that should guide administrative decision making within the public sector. By the end of the course, students should be familiar with the different paradigms and ethical constructs that are inherent within the process of ethical reasoning. An underlying theme of this course is one of intertwining theory and practice. In fact, ethical theories will be tested out in practice, and practice will be grounded in theory.

PM 4370 Managing Not-for-Profit Organizations (3)

The non-profit sector is the fastest growing category of organizations in the U.S. This course focuses on key aspects of managing a variety of not-for-profit organizations. It also identifies some of the controversial issues and challenges facing the non-profit sector. This course is designed to be an exploration of the goals and activities of the Not-For-Profit (NFP), Private Volunteer Organization (PVO), and Non-Governmental Organization (NGO), and of the wide variety of issues faced by employees and managers in these organizations.

PM 4380 Training and Development in Public Sector and Non-Profit Organizations (3)

This undergraduate course is designed to provide students interested in the field of human resources with knowledge and skills necessary to understand the processes of learning, training, and development and their applications in public and non-profit organizations. This course is a guide to the design, implementation, and evaluation of training needs; design of relevant training curricula; implementation of training programs with appropriate training methods and trainers; and effective evaluation of training programs with reference to the job performance of the employee and organizational effectiveness.

482 School of Tech and Public Mgt Course Descriptions

PM 451A, B, C Selected Topics in Public Management (3 each)

Prerequisite: must have department chair's permission

An examination of a selected topic in public management by an instructor on a one-time basis.

PM 4810 Professional Seminar in Public Management (3)

Professional skill development seminar for those students preparing for public management internships.

PM 4860 Public Management Internship and Practicum (6)

Supervised work experience with a cooperating governmental or quasi-governmental agency. Students also must meet biweekly in a seminar organized around topics relating to the intern experience.

Appendixes

AUSTIN PEAY STATE UNIVERSITY
Appendix A
**HIGH SCHOOL UNITS THAT MEET TENNESSEE BOARD OF
 REGENTS ADMISSIONS REQUIREMENTS**

English - 4 units required

Courses Fulfilling Requirements

English I, II, III, IV
 Applied Communication¹

Courses Not Fulfilling Requirements

Business Communication
 Journalism
 Speech

Foreign Language - 2 units required

Courses Fulfilling Requirements

(must be in the same language)

French
 German
 Japanese
 Latin
 Russian
 Spanish
 Other Languages

Courses Not Fulfilling Requirements

Computer Language
 American Sign Language

Natural/Physical Sciences - 2 units required (1 unit MUST be from group A; must be 1 year units)

Courses Fulfilling Requirements

At least 1 unit MUST be from Group A

Group A

Biology I, II
 Biology for Technology
 Chemistry I, II
 Earth Science
 Principles of Technology I, II
 Physics

Group B

Anatomy and Physiology
 Ecology
 Environmental Science (AP)
 Geology
 Nutrition Science
 Physical Science
 Agriscience²

Courses Not Fulfilling Requirements

Environmental Science (Non-AP)
 Life Science

484 Appendixes

Mathematics - 3 units required (2 units of algebra required and 1 additional unit)

Courses Fulfilling Requirements

Algebra I
Technical Algebra
Calculus, Precalculus
Algebra II, Geometry
Advanced Algebra, Trigonometry
Technical Geometry
Statistics
Discrete Math with Probability
OR
Mathematics - 3 units required - Integrated Math Sequence
Integrated Math I, II, III

Courses Not Fulfilling Requirements

Accounting I, II, III
Applied Mathematics I, II
Arithmetic, Business Math
Computer Technology
Pre-Algebra, Competency Math
Foundations I, II
Math for Technology

Social Studies - 1 unit required (*fulfills requirements for graduates prior to 1993)

Courses Fulfilling Requirements

Ancient History
European History
Modern History
World History
World Geography
Sociology*

Courses Not Fulfilling Requirements

Anthropology*
Civics*
Contemporary Issues*
Economics*
Psychology*
US Gov*
Sociology

U.S. History - 1 unit required

Courses Fulfilling Requirements

U.S. History

Visual/Performing Arts - 1 unit required

Required for graduates in 1993 and after

Courses Fulfilling Requirements

Vocal or Instrumental Music
General Music or Music Theory
Theatre Arts (Drama)
Art or Music History
Visual Arts or Art
Dance I, II, III, IV

Courses Not Fulfilling Requirements

Physical Education
Industrial Arts
Drafting
Public Speaking (Speech)
Commercial Art

Tennessee High School Courses Which Meet the University of Tennessee and Tennessee Board of Regents University Admissions Requirements

TBR Unit Requirements

Mathematics

Natural/Physical Sciences

**High School Courses No Longer Offered
BUT Still Meeting Admission Requirements**

Math IV (1 unit)
Pre-Calculus (1/2 - 1 unit)
Probability & Statistics (1/2 credit)
Trigonometry (1/2 unit)
Unified Geometry (1 unit)
Ecology and Conservation of Natural Resources
General Science

Appendix B: MEANS FOR REMOVING HIGH SCHOOL UNIT DEFICIENCIES

Students may remove deficiencies in social studies, history, visual/performing arts, science, and geometry/advanced mathematics by completing the appropriate blocks of subject categories in the TBR Forty-One Semester Hour General Education Curriculum. Courses taken to remove deficiencies in the affected subjects also apply toward fulfillment of general education requirements.

Students may remove deficiencies of one or two units of a single foreign language through completion of an approved semester course in a single foreign language for each unit deficiency as specified by the collegiate institution or by providing documentation of satisfactory completion of the foreign language of the foreign language requirement through an approved examination or equivalent course work at another institution. In university or community college programs that include foreign language as requirement component, the deficiency(ies) may be removed through successful completion of the prescribed curriculum. Otherwise, course used to complete deficiencies in foreign language may be designated as electives and apply toward degree requirements or, in certain course of study with restricted ranges of electives, will become add-on hours. Community college students who plan to transfer to Tennessee Board of Regents universities are encouraged to remove deficiencies prior to matriculation.

Students whose primary language is not English will be deemed to have satisfied the minimum unit requirements in foreign language if they demonstrate proficiency in English through achieving satisfactory scores on the TOFEL Examination or other recognized instrument as designated by the collegiate institution.

Course exemptions by Nationally Standardized Examination: The appropriate CLEP/AP examination for each subject will be a means of removing unit deficiencies. Credit is awarded on the basis of minimum scores and satisfactory essays, if required.

*Spanish 101A and 101B are equivalent to Spanish 1010 and are offered during short terms at APSU Center @ Fort Campbell. Similarly, 102A and 102B are equivalent to Spanish 1020.

Appendix C: REGULATIONS FOR CLASSIFYING STUDENTS IN-STATE OR OUT-OF-STATE FOR THE PURPOSE OF PAYING FEES AND TUITION

The following are admissions policies for Austin Peay State University. These policies are in accordance with TBR Policy 3:05:01:00.

GENERAL PROVISIONS

I. Admission of Non-Tennessee Residents

Applicants who are residents of states other than Tennessee are subject to the same admission requirements as in-state applicants.

II. Residency Classification

A. Intent

It is the intent that the public institutions of higher education in the state of Tennessee shall apply uniform rules, as described in these regulations and not otherwise, in determining whether students shall be classified “in-state” or “out-of-state” for fees and tuition purposes and for admissions purposes.

B. Definitions

Wherever used in these regulations:

1. “Public Higher Education Institution” shall mean a university or community college supported by appropriations made by the legislature of this state.
2. “Residence” shall mean continuous physical presence and maintenance of a dwelling place within this state, provided that absence from the state for short periods of time shall not affect the establishment of a residence.
3. “Domicile” shall mean a person’s true, fixed, and permanent home and place of habitation; it’s the place where he or she intends to remain and to which he or she expects to return when he or she leaves without intending to establish a new domicile elsewhere. Undocumented aliens cannot establish domicile in Tennessee, regardless of length of residence in Tennessee.
4. “Emancipated person” shall mean a person who has attained the age of eighteen years and whose parents have entirely surrendered the right to the care, custody, and earnings of such person and who no longer are under any legal obligation to support or maintain such deemed “emancipated person.”
5. “Parent” shall mean a person’s father or mother. If there is a non-parental guardian or legal custodian of an unemancipated person, then “parent” shall mean such guardian or legal custodian, provided that there are not circumstances indicating that such guardianship or custodianship was created primarily for the purpose of confirming the status of an in-state student on such unemancipated person.
6. “Continuous enrollment” shall mean enrollment at a public higher educational institution or institutions of this state as a full-time student, as such term is defined by the governing body of said public higher educational institution or institutions, for a normal academic year or years or the appropriate portion or portions thereof since the beginning of the period for which continuous enrollment is claimed. Such person need not enroll in summer sessions or other such intersessions beyond the normal academic year in order that his or her enroll-

ment be deemed continuous, notwithstanding lapses in enrollment occasioned solely by the scheduling of the commencement and/or termination of the academic years, or appropriate portion thereof, of the public higher educational institutions in which such person enrolls.

C. Rules for Determination of Status

1. Every person having his or her domicile in this state shall be classified “in-state” for fee and tuition purposes and for admission purposes.
2. Every person not having his or her domicile in this state shall be classified “out-of-state” for said purposes.
3. The domicile of an unemancipated person is that of his or her parent. Unemancipated students of divorced parents shall be classified “in-state” when one parent, regardless of custodial status, is domiciled in Tennessee.
4. The spouse of a student classified as “in-state” shall also be classified as “in-state.”

D. Out-of-State Students Who Are Not Required to Pay Out-of-State Tuition

1. An unemancipated, currently enrolled student shall be reclassified out-of-state should his or her parents, having theretofore been domiciled in the state, remove from the state. However, such student shall not be required to pay out-of-state tuition nor be treated as an out-of-state student for admission purposes, so long as his or her enrollment at the public higher educational institution or institutions shall be continuous.
2. An unemancipated person whose parent is not domiciled in this state but is a member of the armed forces and stationed in this state or at Fort Campbell pursuant to military orders shall be classified out-of-state, but shall not be required to pay out-of-state tuition. Such a person, while in continuous attendance toward the degree for which he or she is currently enrolled, shall not be required to pay out-of-state tuition if his or her parent thereafter is transferred on military orders.
3. A person whose domicile is in a county of another state lying immediately adjacent to Montgomery County or whose place of residence is within thirty (30) miles of Austin Peay State University shall be classified out-of-state, but shall not be required to pay out-of-state tuition at Austin Peay State University.
4. Part-time students who are not domiciled in this state, but who are employed full-time in the state or who are stationed at Fort Campbell, KY pursuant to military orders, shall be classified out-of-state, but shall not be required to pay out-of-state tuition. This shall apply to part-time students who are employed in the state by more than one employer, resulting in the equivalent of full-time employment.
5. Military personnel and their spouses stationed in the state of Tennessee who would be classified out-of-state in accordance with other provisions of these regulations will be classified out-of-state, but shall not be required to pay out-of-state tuition. This provision shall not apply to military personnel and their spouses who are stationed in this state primarily for educational purposes.
6. Dependent children who qualify and are selected to receive a scholarship under the Dependent Children Scholarship Act (TCA 49-4-704) because their parent is a law enforcement officer, fireman, or emergency medical service technician who is killed or totally and permanently disabled while performing duties within the scope of their employment shall not be required to pay out-of-state tuition.
7. Students who are selected to participate in the institution’s Honors program.

This waiver is dependent on availability of funds.

8. Active-duty military personnel who begin working on a college degree at a TBR institution while stationed in Tennessee or Ft. Campbell, KY, and who are transferred or deployed prior to completing their degrees, can continue to completion of the degrees at that same institution without being required to pay out-of-state tuition, as long as he/she completes at least one (1) course for credit each twelve (12) month period after the transfer or deployment. Exceptions may be made in cases where the service member is deployed to an area of armed conflict for periods exceeding twelve (12) months.
9. Students who participate in a study abroad program, when the course or courses in the study abroad program is/are the only course(s) for which the student is registered during that term. This waiver is dependent on availability of funds.
10. Students who are awarded tuition waiver scholarships for participation in bona fide campus performance based programs, according to established guidelines, shall not be required to pay out-of-state tuition. This waiver is dependent on availability of funds.

E. Presumption

Unless the contrary appears from clear and convincing evidence, it shall be presumed that an emancipated person does not acquire domicile in this state while enrolled as a full-time student at any public or private higher educational institution in this state, as such status is defined by such institution.

F. Evidence to be Considered for Establishment of Domicile

If a person asserts that he or she has established domicile in this state, he or she has the burden of proving that he or she has done so. Such a person is entitled to provide to the public higher education institution, by which he or she seeks to be classified or reclassified in-state, any and all evidence which he or she believes will sustain his or her burden of proof. Said institution will consider any and all evidence provided to it concerning such claim of domicile, but will not treat any particular type of item of such evidence as conclusive evidence that domicile has or has not been established.

G. Process and Appeal Procedures

The Admissions Clerk is responsible for initially classifying applicants for admission or readmission as either "in-state" or "out-of-state." A decision by the Admissions Clerk may be appealed in writing to the residency classification officer in the Office of Admissions on an Application for Residency Classification form.

H. Effective Date for Reclassification

If a student classified out-of-state applies for in-state classification and is subsequently so classified, his or her "in-state" classification shall be effective as of the date on which reclassification was sought. However, out-of-state tuition will be charged for any semester during which reclassification is sought and obtained, unless application for reclassification is made on or before the last day of registration prior to classes.

Administration and Faculty

TENNESSEE BOARD OF REGENTS

The Honorable Phil Bredesen (ex officio),
Chair
Ms. Agenia Clark
Mr. John S. "Steve" Copeland
Mr. Gregory Duckett
Mr. Kenney Dunn
Ms. Pamela Fansler
Mr. John Farris
The Honorable Ken Givens
Mrs. Judy Gooch
Mr. Jonas Kisber
Dr. Charles W. Manning (ex officio),
Chancellor
Mrs. Fran Marcum
Mr. Paul W. Montgomery
Mr. Sean Ochsenein
Dr. Richard G. Rhoda
Mr. Howard Roddy
Mr. J. Stanley Rogers
Mr. Robert P. Thomas
The Honorable Tim Webb

TENNESSEE HIGHER EDUCATION COMMISSION

Ms. Sue Atkinson
Ms. Jessica Brumett (non-voting ex-officio)
The Honorable Tre Hargett, Secretary of
State
Mr. Ross Rowland (non-voting ex-officio)
Mr. Gregory P. Isacss
Mr. Cato Johnson
Mr. Charles Mann, Vice Chair
The Honorable Justin P. Wilson, State
Comptroller
Mr. Jack Murrah, Chair
Mr. Gary Nixon (non-voting ex-officio)
Dr. Richard G. Rhoda (ex officio), Executive
Director
The Honorable David H. Lillard, State
Treasurer
Mr. A.C. Wharton, Secretary
Mr. Robert White
Ms. Katie Winchester, Vice Chair
Mr. Charles W. Bone

ADMINISTRATIVE OFFICES**PRESIDENT**

Timothy Hall, J.D.	President
Bill Persinger, B.F.A.	Executive Director, Marketing and Public Relations
TBA.	Director, Grants and Sponsored Programs
Roy Gregory, B.S.	Executive Director, University Advancement
Richard E. Jackson, J.D.	Vice-President for Legal Affairs and Strategic Planning
David H. Loos, M.A. Ed.	Director, Athletics and Men's Head Basketball Coach
Jacqueline Struckmeyer, B.S., C.P.A.	Internal Auditor
Kim McMillan, J.D.	Executive Director, Community and Business Relations

ACADEMIC AFFAIRS

Tristan Denley, Ph.D.	Provost and Vice President for Academic Affairs
Brian Johnson, Ph.D.	Assistant Vice President for Academic Affairs
Dixie Webb, Ph.D.	Interim Dean, College of Arts and Letters
Carmen Reagan, Ph.D.	Interim Dean, College of Business
Dixie Dennis, Ph.D.	Associate Provost of Grants and Sponsored Programs and Dean, College of Graduate Studies
David Denton, Ph.D.	Dean, College of Behavioral and Health Sciences
Carlette Hardin, Ed.D.	Interim Dean, College of Education
Joseph Weber, M.S.L.S.	Director, Library Services
Jaime Taylor, Ph.D.	Dean, College of Science and Mathematics
Julia McGee, M.A.Ed.	Interim Dean, Extended and Distance Education
William Cox, Ed.D.	Executive Director of AP Center @ Fort Campbell
Telaina Wrigley, M.S.M.	Registrar
Ryan Forsythe, B.S., M.Ed.	Director, Office of Admissions
Harriett McQueen, Ph.D.	Dean, Enrollment Management and Academic Support
Donna Price, M.S.	Director, Student Financial Aid and Veterans Affairs
Patty Mulkeen, Ph.D.	Director, Institutional Research and Effectiveness
Tina Rousselot, B.A.	Coordinator, International Education

FINANCE AND ADMINISTRATION

Mitch Robinson, M.A.Ed., C.P.A.	Vice President for Finance and Administration
Tim Hurst, M.B.A., C.P.A.	Assistant Vice President for Finance
Sonja Stewart, B.B.A., C.P.A.	Director, Budgets and Planning
Lantz Biles, M.P.A.	Director, Public Safety
David Lemons	Interim Director, Physical Plant
Charles Wall, B.B.A.	Director, Information Technology
Phyllis Whittaker, M.B.A.	Director, Accounting Services
Andy Kean, M. Ed.	Director, University Center Facilities and Services
Ted Heidloff, Ph.D.	Director, Human Resources
Al Westerman	Director, Facilities Planning and Projects
Sheila Bryant, M.P.A.	Director, Affirmative Action

STUDENT AFFAIRS

Sherryl A. Byrd, Ed.D.	Vice President for Student Affairs
Gregory R. Singleton, M.S.	Dean of Students
Tammy Bryant, M.S.	Director, Student Affairs Programs and Services

Beulah Oldham Interim Director, African American Cultural Center
Lowell Roddy, D.Min. Director, Student Counseling and Health Services
Connie Sanders. Interim Director, Child Learning Center
Beulah Oldham, M.S. Director, Disability Services
Miguel Ruiz, Ph.D. Faculty Director, Hispanic Cultural Center
F. Joe Mills, M.S. Director, Housing and Residence Life and Dining Services
Victor Felts, M.Ed. Director, Student Life and Leadership
David Davenport, M.S. Director, University Recreation

All addresses are: Austin Peay State University, Clarksville, TN 37044
University Home Page: www.apsu.edu.

FACULTY

NAJMUL ABEDIN (1998) Professor of Public Management
B.A., M.A., University of Dacca; Ph. D., University of Durham
REX AMEIGH (2004) Chair of Allied Health Sciences and
Associate Professor of Radiologic Technology
B.S., University of Oklahoma; M.S., Florida Institute of Technology; B.A., Northwestern
State University
STEVEN J. ANDERSON (1983) Professor of Marketing
B.S., M.B.A., Northern Illinois University; D.B.A., Mississippi State University
ANN ASSAD (2007) Assistant Professor of Mathematics
B.S., Tennessee Technological University; M.A., Murray State University; Ph.D., Southern
Illinois University
ROY L. BAKER (2000) Assistant Professor of Management
B.B.A. Cleary College; M.S.A. Central Michigan University; Ph.D., Walden University
LINDA A. BARNES (1991) Coordinator of Honors Programs and Professor of English
B.A., M.A., University of Arkansas; Ph.D., Vanderbilt University
ANDREW N. BARRASS (2003) Associate Professor of Biology
B.S., M.S., Austin Peay State University; Ph.D., Vanderbilt University
BETTIE C. BARRETT (2003) Assistant Professor of Education
M.Ed., Ph.D., University of Southern Mississippi
CAROL J. BASKAUF (1993) Professor of Biology
B.A., Bluffton College; Ph.D., Vanderbilt University
MICHAEL B. BECRAFT (2009/2006) Assistant Professor of Professional Studies
B.A., Mary's College of Maryland; M.A., The American University; ABD, University of
Maryland University College
ELAINE W. BERG (2000) Associate Professor of Library Administration
B.A., Presbyterian College; M.A., University of South Carolina
BARBARA BESWICK (2009) Instructor of Social Work
B.S., Austin Peay State University; M.S.S.W., University of Tennessee
ANNE BLACK (1996) Professor of Health and Human Performance
A.B., Princeton University; Ph.D., University of Connecticut
KELL A. BLACK (1993) Professor of Art
B.A., State University of New York-Fredonia; M.F.A., University of Connecticut
JOHN W. BLAKE (1994) Associate Professor of Engineering Technology
B.S., M.S., Ph.D. Northwestern University, Professional Engineer

492 Administration and Faculty

- STUART B. BONNINGTON (1987) Professor of Psychology
B.A., Transylvania University; M.A., Southern Illinois University; Ed.D.,
The University of Tennessee
- BARBARA ANN BRADEN (2009) Assistant Professor of Nursing
M.S.N., Uniformed Services University of the Health Sciences; M.S.N., B.S., State
University of New York
- DAVID P. BRANDON (2007) Assistant Professor of Theatre and Dance
B.S., Rhodes College; M.F.A., Indiana University
- CARRIE B. BRENNAN (2001) Associate Professor of Chemistry
B.S., Hartwick College; Ph.D., University of Pittsburgh
- CHAD S. BROOKS (2005) Associate Professor of Biology
B.S., University of Tennessee-Martin; M.S., Middle Tennessee State University;
Ph.D., University of Oklahoma
- DEWEY A. BROWDER (1992) Chair and Professor of History
B.S., Mississippi State University; M.A., University of Arkansas; Ph.D., Louisiana State
University
- PENNYE K. BROWN (2005) Instructor of Accounting
M.S., Strayer University; M.B.A., Embry-Riddle Aeronautical University;
B.B.A., Austin Peay State University
- SHUNDA L. BROWN (2009) Asstant Professor of Psychology
B.A., Tougaloo College; M.S., Jackson State University; Ph.D., University of Virginia
- TUCKER BROWN (2007) Assistant Professor of Sociology
B.S., The Pennsylvania State University; M.S., Ph.D., Arizona State University
- BENITA BRUSTER (2007) Assistant Professor of Education
B.S., Cameron University of Lawton; M.Ed., North Texas State University; Ph.D., Texas . .
Woman's University
- SUSAN BRYANT (1980) Professor of Art
B.F.A., Indiana University; M.F.A., Indiana State University
- LORI E. BUCHANAN (1986) Professor of Library Administration
B.A., University of North Carolina; M.L.S., Indiana University
- SPENCER BUCKNER (1999) Associate Professor of Physics and Astronomy
B.S., M.S, Ph.D., Texas Tech University
- YURIY BULKA (2007) Assistant Professor of Mathematics
B.S., Kharkov National Aerospace University; M.A., University of Missouri; M.A.,
Ph.D., University of Alabama
- WILLODEAN D.S., BURTON (1991) Professor of Biology
B.S., M.S., Tennessee State University; Ph.D., The University of Tennessee
- LUANNETTE BUTLER (1994) Professor of Psychology
A.B., University of Kentucky; M.A., Georgetown College; Ed.D. Tennessee State University
- THOMAS A. BUTTERY (2004) Professor, School of Education
B.A., Kean University; M.S., Ed.D., Indiana University
- MICHELE T. BUTTS (1993) Professor of History
B.A., M.A., Austin Peay State University; Ph.D., University of New Mexico
- JOHN BYRD (1980) Assistant Professor of Engineering Technology
B.S., Austin Peay State University; M.S., Murray State University
- WARNER JACK CALDWELL (2005) Associate Professor of Agriculture
B.S., Austin Peay State University; M.S., Ph.D., Clemson University
- PHYLLIS A. CAMILLERI (1994) Professor of Geology
B.S., San Diego State University; M.S., Oregon State University; Ph.D.,
University of Wyoming

- MERCY CANNON (2007) Assistant Professor of Languages and Literature
 B.S., Toccoa Falls College; M.A., Radford University; Ph.D., The University of Tennessee
- ARTHUR W. CARPENTER (1988) Associate Professor of Physics
 B.S., University of Illinois; M.S., University of Florida; Ph.D., Florida State University
- CULLEY JANE CARSON-GREFE (2003) Professor of French and Spanish
 B.A., Pomona College; M.A., Ph.D., University of Oregon
- KENNETH R. CERVELLI (2007) Assistant Professor of Languages and Literature
 B.A., The University of Calgary; M.A., Western Kentucky University;
 Ph.D., Southern Illinois University
- CHIN-ZUE CHEN (1985) Professor of Engineering Technology
 B.Ed., Taiwan Normal University; M.A., Eastern Michigan University; Ph.D.,
 Iowa State University
- CHRISTINA CHESTER-FANGMAN (2006) Assistant Professor of Library Administration
 B.A., Austin Peay State University; M.S.L.S., University of Kentucky
- ROGER W. CLARK (1992) Associate Professor of Accounting
 B.S., Middle Tennessee State University; J.D., Ph.D., The University of Tennessee; C.P.A.
- DAVID J. COCHENER (1987) Professor of Mathematics
 B.A., Austin College; M.S., Ph.D., Texas Christian University
- DEBORAH A. COCHENER (1987) Administrative Specialist, Associate Professor
 B.A., M.A.T., Angelo State University
- EMILY HANNA CRANE (2008) Assistant Professor of Music
 B.M., University of North Carolina at Chapel Hill; M.M., D.M., Florida State University
- CHARLES WALLACE CROSS (1987) Professor of History
 B.S., M.A., Austin Peay State University; Ph.D., Vanderbilt University
- DON CHARLES DAILEY (1991) Chair and Professor of Biology
 B.S., University of Southern Indiana; Ph.D., Indiana University School of Medicine
- DORIS S. DAVENPORT (1992) Professor of Nursing
 B.S.N., Austin Peay State University; P.N.P., M.S.N., The University of Tennessee at
 Chattanooga; D.S.N., University of Alabama
- LESLEY DAVIDSON (2006) Instructor of Business
 B.B.A., Austin Peay State University; M.A., Belmont University
- LINDA K. DAVIS (2007) Associate Professor of English Education
 B.S., Tennessee Technological University; M.Ed., Ed.S., Middle Tennessee State
 University; Ed.D., Tennessee State University
- MARY FRAN DAVIS (2009) Instructor of Social Work
 B.A., Northwestern State University; M.S.S.W., University of Louisville
- JACK E. DEIBERT (1998) Professor of Geology
 B.S., Sonoma State University; M.S., University of Nevada; Ph. D., University of Wyoming
- MARGARET N. DEITRICH (1990) Professor of Education
 B.S., The Pennsylvania State University; M.A., Ph.D., Michigan State University;
- TRISTAN DENLEY (2009) Provost and Vice President for Academic and Student Affairs
 BSC., University of Exeter-England; Ph.D., University of Cambridge, England
- DIXIE L. DENNIS (2005) Assistant Provost of Grants and Sponsored Programs and Dean
 of College of Graduate Studies and Professor of Health and Human Performance
 B.S., M.S., Austin Peay State University; Ph.D., Southern Illinois University
- DAVID W. DENTON (1994) Dean, College of Behavioral and Health Sciences
 and Professor of Psychology
 B.A., M.S., University of Tennessee-Chattanooga; Ph.D., University of Tennessee
- MARK DEYOUNG (2009) Assistant Professor of Art
 B.F.A., The School of the Art Institute of Chicago; M.F.A., Michigan State University

494 Administration and Faculty

- JAMES T. DIEHR, Professor of Art
B.F.A., M.S., Ed.S., Pittsburgh State University; Ph.D., University of Missouri
- WEI DING (2008). Assistant Professor of Computer Science and Information Technology
M.S., University of Science and Technology of China; Ph.D., Louisiana State University
- NEIL DORTCH (2007). Assistant Professor of Management
B.S., Austin Peay State University; M.S., Northern Illinois University;
Ph.D., University of Wisconsin
- LENI DYER (2001) Associate Professor and
Administrative Coordinator of Theatre and Dance
B.A., Kennesaw State University; M.F.A., University of Alabama at Tuscaloosa
- ARTHUR J. EAVES (1978) Associate Professor of English
B.A., Columbia University; Ph.D., University of Notre Dame
- PAUL EGLI (2007). Assistant Professor of Military Science
B.A., University of Iowa
- JILL E. EICHHORN (2000). Associate Professor of English and Coordinator
of Women's Studies
B.A., M.A., University of Montana; Ph.D., Miami University of Ohio
- ROY ELDRIDGE (2005). Instructor of Military Science
- DEBBIE ELLISON (2007). Assistant Professor of Nursing
B.S.N., M.S.N., Austin Peay State University
- TAYLOR EMERY (2004) Instructor of English
B.S., M.A., Austin Peay State University
- DWAYNE ESTES (2007) Assistant Professor of Biology
B.S., Middle Tennessee State University; Ph.D., University of Tennessee
- SUE CLOUD EVANS (1980) Associate Professor of Administrative Office Management
B.S., University of North Alabama; M.Ed., Ed.D., University of Memphis
- BLAS G. FALCONER (2003) Associate Professor of English
B.A., George Mason University; M.F.A., University of Maryland; Ph.D.,
University of Houston
- FRANCISCA FARRAR (2006). Director and Professor of Nursing
B.S.N., M.S.N., Ed.D., Vanderbilt University
- PATRICIA FERRIER (2007) Assistant Professor of Communications
B.S., M.A., Austin Peay State University; Ph.D., Ohio University
- DEBORAH L. FETCH (1993) Professor of Library Administration
A.B., M.S., University of Illinois
- INGA A. FILIPPO (1986) Professor of Library Administration
B.S., Austin Peay State University; M.L.S., Vanderbilt University
- MACK T. FINLEY (1987) Professor of Biology
B.S., Austin Peay State University; M.S., Ph.D., Mississippi State University
- KATHERIN M. FLOWER (2009) Assistant Professor of Sociology
B.A., LeMoyne College; M.A., Rutgers University; Ph.D., Maxwell School of Citizenship
and Public Affairs
- GLORIA JUNKIN FRANK (1979) Professor of Music
B.M., The Cleveland Institute of Music; M.A., Texas Woman's University; Ph.D.,
North Texas State University
- JILL FRANKS (1996) Professor of English
B.A., University of New Hampshire; J.D., Western New England College; M.A.,
University of Massachusetts, Amherst; Ph.D., Rutgers University

- DANIEL L. FREDERICK (1994) Professor of Geology
B.S., Indiana University; M.S., Northern Illinois University; Ph.D.,
The University of Tennessee
- KEMPA S. FRENCH (2005) Associate Professor of Nursing
B.S., University of Tennessee Center of Health Sciences; M.S.N.,
University of Tennessee-Memphis
- CHRISTOS FRENTZOS (2006) Assistant Professor of History and Philosophy
B.A., M.A., University of New Orleans; Ph.D., University of Houston
- SAMUEL S. FUNG (1988) Chair and Professor of Psychology
B.Th., Central Taiwan Theological College; B.A., M.A., Azusa Pacific University;
D.Min., Western Evangelical Seminary; M.A., Ph.D., Temple University
- GINA GARBER (2004) Associate Professor of Library Administration
M.S., The University of Tennessee
- CHRISTOPHER M. GENTRY (2008) Assistant Professor of Geography
B.S., Indiana University Southeast; M.A., Ph.D., Indiana State University
- ROXANNE GERBRANDT (2008) Assistant Professor of Sociology
B.A., M.A., Ph.D., University of Oregon
- ELIZABETH ANNE GLASS (1975) Professor of Music
B.M., Stetson University; M.M., George Peabody College
- REBECCA A. GLASS (1986) Professor of Health and Human Performance
B.S., M.Ed., University of Montevallo; Ed.D., Auburn University
- WILLIAM K. GLUNT (1992) Professor of Mathematics
A.A., Henderson Community College; B.S., Indiana State University; M.S., Ph.D.,
University of Kentucky
- MONIQUEKA E. GOLD (1999) Chair of Educational Specialties and
Associate Professor of Education
B.S., Austin Peay State University; M.Ed., Ed.D., Vanderbilt University
- DWONNA GOLDSTONE (2001) Associate Professor of English
B.A., University of Iowa; M.A.T., Brown University; Ph.D., University of Texas
- JAMES K. GOODE (1980) Professor of Agriculture
B.S., Texas A&M University; M.Ed., University of Georgia; Ph.D., University of Missouri
- WILLIAM A. GORDON (2008) Assistant Professor of Political Science
B.A., Boston College; M.I.A., School for International Administration; J.D., City University
of New York School of Law; The New School of Social Research
- JAMES MICHEAL GOTCHER (1990) Chair and Professor of Communication
B.S., Austin Peay State University; M.A., University of Florida; Ph.D.,
Louisiana State University
- SARA E. GOTCHER (1990) Associate Professor of Theatre
B.A., Austin Peay State University; M.F.A., University of Florida; Ph.D.,
Louisiana State University
- CHARLES GRAH (1977) Professor of Psychology
B.A., San Diego State University; M.A., Ph.D., University of New Mexico
- PAMELA J. GRAY (2005) Associate Professor of Communication
B.S., University of Kentucky; M.A., Western Kentucky University; Ph.D.,
University of Kentucky
- WARREN GREENE (2008) Art Gallery Director and Assistant Professor of Art
B.A., Freed-Hardeman University; M.F.A., Memphis College of Art
- ANNA GREGG (2007) Assistant Professor of Political Science
B.S., Leningradski Public Agrarian University; M.P.A., Ph.D., Southern Illinois University

496 Administration and Faculty

- LORETTA A. GRIFFY (1991) . . . Associate Professor of Mathematics in Developmental Studies
B.S., Austin Peay State University; M.S., The University of Memphis; Ed.S., Austin Peay State University; Ed.D., Tennessee State University
- DAVID GRIMMETT (1983) Professor of Management
B.S.A.E., West Virginia University; M.B.A., Austin Peay State University; Ph.D., St. Louis University
- DAVID GUEST (1992) Chair of Languages and Literature and Associate Professor of English
B.A., University of South Carolina; M.A., University of North Carolina; Ph.D., Vanderbilt University
- JAMES RONALD GUPTON (1970) Professor of Mathematics
B.A., Austin Peay State University; M.A., Ph.D., Vanderbilt University
- SHIRLEY HAGEWOOD (1978) Associate Professor of Mathematics
B.S., M.A.Ed., Austin Peay State University
- PATRICIA HALBECK (1988) Professor of Music
B.M., Northwestern University; M.Mu., University of North Carolina at Chapel Hill; D.M.A., University of Oklahoma
B.S., Brigham Young University; M.A., University of Maryland Hardin-Baylor
- PHILLIP HALL (2010) Assistant Professor of Chemistry
M.S., Purdue; B.S., Purdue University
- ROBERT W. HALLIMAN (1987) Associate Professor of Management Technology
B.A.E., University of the State of New York-Regents College; M.A., Pepperdine University; Ed.D., University of Southern California
- STEVEN W. HAMILTON (1987) Director, Center of Excellence for Field Biology and Professor of Biology
B.A., State University of New York-Geneseo; M.A., University of Kansas; Ph.D., Clemson University
- AMY HAMLIN (2003) Associate Professor of Nursing
B.S., Carson Newman University; M.S.N., Michigan State University
- GREGORY HAMMOND (2010) Assistant Professor of History/Philosophy
B.A., Williams College; M.A., University of Texas at Austin; Ph.D., University of Texas at Austin
- KAY D. HARALSON (1985) Retention Analyst and Associate Professor
B.S., M.A.Ed., Ed.S., Austin Peay State University
- CARLETTE J. HARDIN (1981) Interim Dean, College of Education and Professor of Education
B.S., M.A., Austin Peay State University; Ed.D., George Peabody College
- CHRISTOPHER HARDIN (2007) Assistant Professor of Theatre and Dance
B.A., Birmingham-Southern College; M.A., Oklahoma State University; M.F.A., University of Alabama
- JOYCE A. HARGROVE (1995) Chair and Associate Professor of Social Work
B.S., Tennessee State University; M.S.S.W., The University of Tennessee
- KEVIN R. HARRIS (2008) Assistant Professor of Psychology
B.S., University of Tennessee-Martin; M.S., Mississippi State University; Ph.D., Florida State University
- MARCUS HAYES (2007) Assistant Professor of Dance
B.A., Beloit College; M.F.A., Mills
- KRISTEN HERSHEY (2010) Assistant Professor of Nursing
B.S., East Carolina University; M.S., Tennessee State University
- CHRISTINA HICKS-GOLDSTON (2009/2010) Assistant Professor of Communication
B.S., Texas Christian University; M.A., Emerson College; Ph.D., University of Southern Mississippi
- STEPHANIE HICKS-GOLDSTON (2008) Assistant Professor of Social Work
B.P., University of Southern Mississippi; M.H.R., University of Oklahoma; M.S.W., Ph.D., University of Texas at Arlington
- TATSUSHI HIRONO (2010) Assistant Professor of Social Work
B.A., Takasaki City University (Japan); M.A. Waseda University (Japan); M.S.W., Washington University; Ph.D., State University of New York

- BRIAN J. HOCK (2005) Associate Professor of Psychology
 B.S., Lake Superior State University; M.A., Ph.D., Kent State University
- BONNIE M. HODGE (1990) Associate Professor
 B.S., M.S., Troy State University
- D. SEAN HOGAN (2001) Associate Professor of Library Administration
 B.S., University of Alabama-Huntsville; MLIS, University of Alabama
- DEBORAH HOOD (2008) Assistant Professor of Nursing
 B.S.N., Middle Tennessee State University; M.S.N., Tennessee State University
- MICHAEL HOOPER (2004) Assistant Professor of Library Administration
 B.S., Western Kentucky University; M.S., University of Tennessee
- C. ALVIN HUGHES (1979) Professor of History
 B.A., Morris Brown College; M.A., Northwestern University; Ph.D., Ohio University
- ROBYN W. HULSART (2006) Chair and Associate Professor of Professional Studies
 B.S., Austin Peay State University; M.A., Webster University; M.ACC., Florida Atlantic
 University; Ed.D., University of Nebraska
- UMA JANARDANA IYER (2001) Associate Professor of Psychology
 B.A., M.A., M.Phil., University of Kerala, India; Ph.D., Indian Institute of Technology,
 India
- ELEANOR JATOR (2006) Associate Professor of Allied Health Services
 B.S., M.S., University of Llorin, Nigeria; M.S., ASCP, Austin Peay State University; Ph.D.,
 CA University
- SAMUEL N. JATOR (1998) Professor of Mathematics
 B.S., M.S., Ph.D., University of Llorin, Nigeria
- JOE F. JERLES (2008) Assistant Professor of Education
 B.S., Austin Peay State University; M.S., Indiana State University; Ed.S., Austin Peay State
 University; Ed.D., Tennessee State University
- REBECCA BLANTON JOHANSEN (2009) Assistant Professor of Biology
 B.S., M.S., Eastern Kentucky University; Ph.D., Tulane University
- SHARON JOHNSON (1992) Associate Professor of Library Administration
 B.A., Atlantic Union College; M.L.S., George Peabody College
- BARRY R. JONES (2005) Associate Professor of Art
- MATTHEW O. JONES (2005) Associate Professor of Mathematics
 B.S., Middle Tennessee State University; M.S., Ph.D., Georgia Institute of Technology
- REBECCA JONES (2004) Assistant Professor of Chemistry
 B.S., Ohio State University; M.S., Ph.D., University of Cincinnati
- DAVID W. KANERVO (1977) Chair and Professor of Political Science
 B.A., Millikin University; M.A., Ph.D., University of Wisconsin
- PHILLIP R. KEMMERLY (1972) Professor of Geology
 B.S., M.S., Kansas State University; Ed.D., Oklahoma State University
- MATTHEW T. KENNEY (2001) Associate Professor of Political Science
 B.A., Northwestern University; M.A., Bryn Mawr College; M.A., Ph.D., Tulane University
- KIL-JOONG KIM (1980) Professor of Economics
 B.A., Sogang University; Ph.D., University of Cincinnati
- B. ALEX KING III (2000) Chair and Professor of Physics and Astronomy
 B.A., Austin College; M.S., Southern Methodist University; Ph.D., University of Illinois at
 Chicago
- THOMAS R. KING (1988) Professor of Music
 B.M.Ed., University of Kansas; M.M., Indiana University; M.A., D.A., University of Mississippi
- MAJOR DANIEL KIRK (2009) Chair of Military Science
 M.P.A., Harvard University; B.S., U.S. Military Academy
- BARRY KITTERMAN (1995) Professor of English
 A.B., University of California; M.F.A., University of Montana
- NICOLE KNICKMEYER (2004) Assistant Professor of Psychology
 B.A., University of Missouri-St. Louis; M.S., Ph.D., University of Memphis
- NORMAN G. LANE (2000) Assistant Professor of Military Science
 B.A., The Citadel; M.A., Austin Peay State University
- SHARONK LAOR-SIRAK (2008) Assistant Professor of Art
 B.A., M.A., Tel Aviv University; Ph.D., The Hebrew University of Jerusalem
- AMY F. LEBKUECHER (2005) Associate Professor of Biology (Rad. Tech.)
 R.T., Vanderbilt School of Allied Health; B.S., College of St. Francis; M.S., University of St.
 Francis

498 Administration and Faculty

- JEFFERSON G. LEBKUECHER (1992). Professor of Biology
A.S., Volunteer State Community College; B.S., M.S., Tennessee Technological University;
Ph.D., Vanderbilt University
- JEEYOUN KATHY LEE-HEUSTON (2004). Assistant Professor of Communication
- SUTA LEE (2000). Associate Professor of Art
B.F.A., Art Center College of Design; M.A., California State University; M.F.A.,
Cornell University
- TIMOTHY J. LESZCZAK (2010) Assistant Professor of Health and Human Performance
B.A., Rowan University; M.S., University of Arkansas; Ph.D., University of Arkansas
- LISA LEWIS (2007). Assistant Professor of Health and Human Performance
B.S., M.S., Ed.S., Middle Tennessee State University; Ed.D., Tennessee State University
- JIANG LI (2003). Associate Professor of Computer Science and Information Technology
B.S., M.S., Beijing Institute of Technology; Ph.D., University of Nebraska-Lincoln
- LEONARD LINDSAY (2007). Associate Professor of Nursing
B.S., M.P.H., B.S.N., M.S.N., The University of Tennessee
- TAMMY LIPSEY (2010) Assistant Professor of Education
M.Ed., Western Kentucky University; B.S., University of Kentucky
- CHESTER T. LITTLE (2010) Associate Professor of Chemistry and
Director of Chemical Engineering
B.S., Tennessee Technological University; M.S., University of Houston;
Ph.D., University of Texas
- LEONARD LINDSAY (2007). Associate Professor of Nursing
B.S., M.P.H., B.S.N., M.S.N., The University of Tennessee
- CHARMAINE LOWE (2008). Assistant Professor of Education
B.A., University of Mississippi; M.A., Vanderbilt University; Ed.D., Peabody College of
Vanderbilt University
- LARRY LOWRANCE (1995). Professor of Education
B.A., Union University; M.Ed., Ed.D., The University of Memphis
- DONALD D. LUCK (1992). Professor of Education
B.A., Wartburg College; M.A., Ed.D., University of Northern Iowa
- SARAH LUNDIN-SCHILLER (1993) Professor of Biology
B.A., The University of Tennessee; Ph.D., University of California, School of Medicine
- MARSHA LYLE-GONGA (2010) Assistant Professor of Political Science
B.A., Our Lady of the Lake University; M.S., Trinity University; Ph.D., Walden University
- SHARON C. MABRY (1970) Professor of Music
B.Mu.Ed., Florida State University; M.Mu.Ed., D.M.A., George Peabody College
- HARRY CLARK MADDUX (2008). Assistant Professor of English
B.A., Columbus College; M.A., Ph.D., Purdue University
- DAVID MAJOR (2004). Associate Professor of English
B.A., M.A., Western Kentucky University; Ph.D., Oklahoma State University
- MEAGAN K. MANN (2008). Assistant Professor of Chemistry
B.S., Northern Kentucky University; Ph.D., University of Illinois-Champaign
- GRETA I. MAREK (2008). Assistant Professor of Nursing
B.S.N., Western Carolina University; M.S.N., Austin Peay State University
- SERGEI MARKOV (2006). Associate Professor of Biology
M.S., Ph.D., Moscow State University
- CYNTHIA MARSH (1995). Professor of Art
B.F.A., Moore College of Art; M.F.A., Rochester Institute of Technology
- JOCELYN S. MARTIN (2005) Assistant Professor of Social Work
B.A., M.S.W., Ph.D., University of Kansas
- FRANCIS MASSINON (1992). Professor of Music
B.S., Indiana State University; M.M., Indiana University
- CHRISTINE MATHENGE (2008). Assistant Professor of Geography
B.A., Moi University; M.A., Vrije Universiteit Brussel; Ph.D., Indiana University
- FRED J. MATTHEWS, JR. (1983). Professor of Chemistry
B.S., Baptist College of Charleston; M.S., Ph.D., Clemson University
- MARCY RUTH MAURER (1994). Interim Chair, Department of Health and Human
Performance, and Professor of Health and Human Performance
B.S., The Ohio State University; M.A., Miami University; D.A., Middle Tennessee State
University

- VICTORIA M. MCCARTHY (2008). Assistant Professor of Professional Studies
 B.A., Georgia State University; M.P.A., Murray State University; Ph.D., University of
 Oklahoma
- KAREN A. MCFARLAND (2007). Assistant Professor of Biology
 B.S., Ashland University; Ph.D., Vanderbilt University
- CYNTHIA H. MCWILLIAMS (2000). Associate Professor of English
 B.A., Murray State University; M.A., Morehead State University; Ph.D., Southern Illinois
 University
- JANE MEHOCK-SEMIER (2009/2010) Assistant Professor of Allied Health
 B.S., Northern Illinois University; M.S., University of Georgia
- DAVID KIRK MENSER (1992) Professor of Mathematics
 B.S., M.A., Murray State University; Ph.D., Vanderbilt University
- DAN MEYER (2004). Associate Professor of Accounting
 B.B.A., University of Mississippi; M.S., Purdue University; Ph.D., University of
 Missouri
- DARREN MICHAEL (2007) Assistant Professor of Theatre
 B.A., Ouachita Baptist University; M.F.A., University of Southern Mississippi
- MARK A. MICHAEL (1995) Professor of Philosophy
 B.A., Houghton College; Ph.D., State University of New York-Albany
- GRACE MOODT (2008) Assistant Professor of Nursing
 B.S.N., M.S.N., Troy University
- GREG MOORE (2004) Assistant Professor of Health
 B.B.A., University of Iowa; M.B.A., Austin Peay State University; Ed.D., Vanderbilt
 University
- JOHN WILLIAM MOSELEY (1996). Associate Professor of Mass Communication
 B.S., M.A. Austin Peay State University
- STACIE W. MUMPOWER (2008). Instructor of Communication
 B.A., M.A., University of Texas at El Paso
- CARROLL BRUCE MYERS (1970). Chair of Computer Science and Information Technology
 and Professor of Computer Science
 B.A., Berea College; M.A., Ph.D., University of Kentucky
- MERRIEL BULLOCK NEAL (2008). Assistant Professor of Education
 B.A., M.Ed., Howard University; J.D., Ph.D., American University
- DAVID NELSON (2007). Assistant Professor of History and Philosophy
 B.A., Utah State University; M.A., Ph.D., Indiana University
- STEPHANIE NEWPORT (1993). Professor of Management
 B.S., University of Maryland; M.B.A., Austin Peay State University; Ph.D., University of
 Texas at Arlington
- JOHN A. NICHOLSON, JR. (2010) Assistant Professor of Computer Science and
 Information Technology
 B.S., Purdue University; M.S., DePaul University; Ph.D., Utah State University
- PAUL NICODEMUS (2004). Associate Professor of Psychology
 A.A., Mount Vernon Nazarene University; B.S., Trevecca Nazarene University; M.S., Florida
 Institute of Technology; Ph.D., Texas Tech University
- BENSELAMONYUY NTATIN (2007). Assistant Professor of Mathematics
 B.S., University of Jos; M.S., University of Ilorin; DICTP, International Center for
 Theoretical Physics, Ph.D., Ruhr-University Bochum
- DONG NYONNA (2007). Assistant Professor of Finance
 B.S., The University of Sc.&Tech.; M.S., The Norwegian University of Sc.&Tech;
 M.B.A., University of Texas Pan American; M.A., Ph.D., University of Mississippi
- THOMAS O'CONNOR (2006) Director of Global Security Studies and
 Associate Professor of Public Management
 B.A., Knox College; M.A., University of Illinois; Ph.D., Indiana University of Pennsylvania
- PATRICK O'DAY (2010). Assistant Professor of Criminal Justice
 B.A., Pan American College; M.A., Ph.D., University of New Mexico
- JUSTIN R. OELGOETZ (2008). Assistant Professor of Physics and Astronomy
 B.S., Florida State University; Ph.D., Ohio State University
- CHINYERE OGBONNA-MCGRUDER (2003) Associate Professor of Public Management
 B.S., Anambra State University of Technology; M.S., Western Kentucky University; Ph.D.,
 Tennessee State University

500 Administration and Faculty

- PATTY ORR (2008). Assistant Professor of Nursing
B.S.N., M.S., University of Tennessee Center for Health Sciences; Ed.D., Vanderbilt
University
- FRANK E. PARCELLS (2001). Professor of Mass Communication
B.S., Southern Illinois University-Carbondale; M.S., Southern Illinois University-
Carbondale; Ph.D., Southern Illinois University-Carbondale
- JAMES L. PARKER (2010). Assistant Professor of Communication
B.A., Michigan State University; M.A., Florida State University; Ph.D., Florida State
University
- DENNIS PEARSON (2007). Assistant Professor of Economics
B.A., M.A., Western Kentucky University; Ph.D., Southern Illinois University
- PATRICK R. PERDEW (1993). . . Administrative Specialist and Associate Professor in Business
B.S., M.S., Murray State University
- GEORGE E. PESELY (1990). Professor of History
A.B., San Diego State University; M.A., University of Illinois at Urbana-Champaign; Ph.D.,
University of California-Berkeley
- BARBARA R. PETERSON (2007). Assistant Professor of Education
B.S.Ed., M.S.Ed., Ed.D., Northern Illinois University
- MICHAEL D. PHILLIPS (1990). Professor of Finance
A.A., Fresno City College; B.S., M.B.A., California State University at Fresno; D.B.A.,
Mississippi State University
- SHEILA F. PIRKLE (2005). Assistant Professor of Education
A.B., College of Notre Dame of Maryland; M.S., Johns Hopkins University; Ed.D., Rutgers
University
- JODY S. PIRO (2008). Assistant Professor of Education
B.S., M.S., University of Illinois; Ed.D., Northern Illinois University
- GILBERT PITTS (2004). Associate Professor of Biology
B.S., M.S., Ph.D., University of Minnesota
- JERRY D. PLUMMER (2000). Associate Professor of Economics
B.B.A, M.B.A., Tennessee State University; D.A., Middle Tennessee State University
- YVONNE PRATHER (1989). Associate Professor of Mass Communication
B.S., M.A., Austin Peay State University; Ph.D., Bowling Green State University
- JAMES PRESCOTT (1996). Associate Professor of Public Management
B.S., Auburn University; M.P.A., University of South Alabama; Ph.D., Southern Illinois
University at Carbondale
- JENNIE PRESTON-SABIN (1988). Administrative Specialist and Associate
Professor in Education
B.S., M.S.Ed., State University of New York-Oneonta
- NORBERT PUSZKAR (2003). Associate Professor of German
Magister Artium, Freie Universitat Berlin; Ph.D., University of Southern California
- GREG RABIDOUX (2006). Assistant Professor of Political Science
B.A., University of Connecticut; M.A., American University, Washington D.C.; J.D.,
Marquette University Law School; Ph.D., University of Wisconsin-Milwaukee
- ALBERT B. RANDALL, JR. (1972). Professor of Philosophy
B.S., Maryville College; M.Div., Louisville Presbyterian Seminary; A., Ph.D., University of
Oklahoma
- JEANIE P. RANDALL (1985). Associate Professor of English
B.A., Maryville College; M.A., Austin Peay State University; Ph.D., University of Georgia
- KRISTOPHER RAY (2008). Assistant Professor of History
M.A., Baylor University; Ph.D., University of North Carolina at Chapel Hill
- NELL K. RAYBURN (1988). Chair and Professor of Mathematics
B.S., David Lipscomb College; M.S., Ph.D., Vanderbilt University
- WILLIAM RAYBURN (1993). Program Director, College of Business and
Professor of Management Information Systems
B.E., M.B.A., Vanderbilt University; D.B.A., Southern Illinois University
- CARMEN REAGAN (1988). Professor of Marketing
B.S., Mississippi State College for Women; M.B.A., Memphis State University; D.B.A.,
Mississippi State University

- ROBIN B. REED (2001). Chair and Associate Professor of Chemistry
B.S. Rhodes College; Ph.D., Vanderbilt University
- WILLIAM B. RENKL, JR. (1989). Professor of Art
B.F.A., Auburn University; M.F.A., University of South Carolina
- GREGORY S. RIDENOUR (1996). Professor of Geography
B.S., M.S., Northeastern Illinois University; Ph.D., Texas A&M University
- RONALD P. ROBERTSON (1992). Associate Professor of Chemistry
B.A., M.A., Ph.D., Vanderbilt University
- TAMARA MICHELLE ROBERTSON (2005). Associate Professor of Nursing
B.S., Austin Peay State University; M.S.N., Murray State University
- GAIL ROBINSON-OTURU (2005). Professor of Music
B.M.Ed., M.M.Ed., Howard University; Ph.D., New York University
- JORDY A. ROCHELEAU (2001). Associate Professor of Philosophy
B.A., Carleton College; M.A., Michigan State University; Ph.D., Michigan State University
- D. MICHELLE ROGERS (2009/2006). Instructor of Biology
B.A., Western Kentucky University; M.S., University of Tennessee
- DOUGLAS R. ROSE (2009). Professor and Chair of Music
B.M.Ed., B.M., Memorial University; M.A., M.M., Yale University; D.M.A., State University
of New York
- MIGUEL R. RUIZ-AVILES (1996). Professor of Spanish
B.A., University of Puerto Rico; M.A., University of Kansas; Ph.D., University of Nebraska,
Lincoln
- WILLIAM RUPP (2010). Dean of College of Business
Ph.D., University of Georgia; M.B.A., University of South Florida; M.M., University of South
Florida
- JEFFREY P. RUSH (2008). Assistant Professor of Public Management
B.S., M.A., M.S., D.P.A., University of Alabama at Birmingham
- STEVEN T. RYAN (1977). Professor of English
A.A., Ellsworth Junior College; B.A., University of Northern Iowa; M.A., Iowa State
University; Ph.D., University of Utah
- RAMANJIT K. SAHI (2007). Assistant Professor of Mathematics
M.S., San Jose State University; Ph.D., The University of Texas
- HASSAN SAID (2003). Associate Professor of Accounting
M.B.A., College of Insurance of the Society of New York; M.A., University of Alabama;
Ph.D., University of Alabama
- ADEL SALAMA (1990). Chair and Professor of Engineering Technology
B.S., Alexandria University (Egypt); M.S., Cairo University; Professional Engineer
- JAMES H. SANDERS (1985). Enhanced Lab Facilitator and Assistant Professor
B.S., M.A.Ed., Austin Peay State University
- A. K. SARWAR (1984). Professor of Engineering Technology
B.S.C.E., Bangladesh University of Engineering and Technology; M. Engineering,
Carleton University; Ph.D., Louisiana Tech University; Professional Engineer
- CAROLINE SAWYER (2006). Instructor of Communication
B.B.A., Baylor University; M.A., Austin Peay State University
- PERRY SCANLAN (2006). Associate Professor of Allied Health Services
B.S., University of Wisconsin-Madison; Ph.D., University of Illinois-Chicago
- JOSEPH R. SCHILLER (1994). Associate Professor of Biology
B.S., Colorado State University; Ph.D., The University of Tennessee
- GREGG ALEX SCHLANGER (1992). Interim Chair and Professor of Art
B.F.A., Boise State University; M.A., M.F.A., Northern Illinois University
- LEIGH SCHMITT (2007). Assistant Professor of Psychology
B.S., M.A., University of New Orleans; Ph.D., Tulane University
- JOHN P. SCHNETTLER (2010). Assistant Professor of Music and
Director of Athletic Bands
B.M., University of Central Florida; M.A., University of South Florida; M.M., University
of South Florida
- KEVIN SCHULTZ (2006). Associate Professor of Physics and Astronomy
B.S., Loyola University of Chicago; Ph.D., State University of New York at Stony Brook
- ROSCOE SHAIN (1978). Professor of Business Law
B.S., M.B.A., University of Louisville; J.D., Nashville School of Law

502 Administration and Faculty

- DANIEL P. SHEA (2008) Assistant Professor of Literature
B.S., Frostburg State University; M.A., Kansas State University; Ph.D., University
of Oregon
- G. ROBERT SHELTON (2010) Assistant Professor of Chemistry
B.S., Southern Illinois University; M.S., Southern Illinois University; Ph.D., University
Of Florida
- OMIE SHEPHERD (1997) Associate Professor of Health and Human Performance
B.S., M.S., Austin Peay State University; Ph.D., Southern Illinois University
- KENNETH C. SHIPLEY, JR. (2005) Associate Professor of Art
B.A., M.F.A., University of Tennessee-Knoxville
- TAMMY SHUTT (2006) Assistant Professor of Education
B.S., Auburn University; M.Ed., Ed.S., Middle Tennessee State University; Ed.D.,
Tennessee State University
- ANN L. SILVERBERG (1994) Professor of Music
B.M., Ithaca College; M.M., Indiana University; M.S., Ph.D., University of Illinois
- LYNN DIANE SIMS (2008) Assistant Professor of English
B.A., M.A., Ph.D., Arizona State University
- ROBERT A. SIRK (1995) Chair of Geosciences and Professor of Geography
B.A., Shepherd College; M.S., Marshall University; Ph.D., Kent State University
- PHILENESE SLAUGHTER (1998) Assistant Professor of Library Administration
B.A., M.L.I.S., University of Oklahoma at Norman
- REBECCA S. SLAYDEN-McMAHAN (1979) Chair of Teaching and Learning; and
Professor of Education
B.S., M.A., Austin Peay State University; Ed.D., George Peabody College
- J. ALLYN SMITH (2006) Associate Professor of Physics and Astronomy
B.S., M.S., Ph.D., Florida Institute of Technology
- MELAN J. SMITH-FRANCIS (2007) Assistant Professor of Nursing
B.S., Florida A&M University; B.S.N., Austin Peay State University; M.S.N., Vanderbilt
University
- NANCY A. SMITHFIELD (1984) Assistant Professor of Computer Science
B.S.E.E., University of Maryland; M.S., Western Kentucky University
- ELLEN SMYTH (2009/05-07) Instructor of Mathematics
B.S., M.S., Tennessee Technological University
- DAVID R. SNYDER (2003) Associate Professor of History
B.S., M.A., Indiana University-Bloomington; Ph.D., University of Nebraska-Lincoln
- JENNIFER L. SNYDER (2005) Associate Professor of Art
B.F.A., M.A.Ed., University of Georgia; Ph.D., Florida State University
- NANCY SNYDER (2004) Assistant Professor of Library Instruction
B.A., Kalamazoo College; M.L.S., M.I.S., Indiana University
- KAREN D. SORENSON (1987) Professor of French
B.A., Beloit College; M.A., Ph.D., Vanderbilt University
- BECKY STARNES (2004) Associate Professor of Public Management
A.A., Palomar College; B.B.A., National University; M.B.A., Gonzaga University;
Ph.D., Auburn University-Montgomery
- DAVID STEELE (2003) Chair and Associate Professor of Sociology
B.A., The University of Tennessee; M.A., University of Missouri; Ph.D., The University of
Tennessee
- RICHARD L. STEFFEN (1983) Professor of Music
B.M., M.M.Ed., North Texas State
- GREGG M. STEINBERG (1996) Professor of Health and Human Performance
B.S., University of California-SantaBarbara; M.S., Florida State University; Ph.D.,
University of Florida
- DAVID EUGENE STEINQUEST (1985) Professor of Music
B.M.E., Northeast Louisiana; M.M., University of Michigan
- GARY STEWART (2006) Assistant Professor of Education
B.A., M.A., Ed.S., Austin Peay State University; Ed.D., Vanderbilt University
- PETER H. STODDARD (1988) Associate Professor of Social Work
A., Hiram College; M.S.W., San Francisco State University; Ph.D., Case Western Reserve
University
- ASHLEY N. STONECIPHER (2010) Instructor of Mathematics
M.S., Indiana State University

- DONALD SUDBRINK (2006) Interim Chair and Assistant Professor of Agriculture
B.S., University of Delaware; M.S., The University of Tennessee; Ph.D., Auburn
University
- LISA SULLIVAN (2007) Assistant Professor of Chemistry
B.S., Austin Peay State University; Ph.D., Vanderbilt University
- CAMERON M. SUTT (2008) Assistant Professor of History
B.S., M.A., Central Missouri State University; Ph.D., University of Cambridge
- KEVIN S. TANNER (2008) Instructor of History
B.A., University of Rochester; M.S., Murray State University; M.S., ABD, Binghamton
University
- CINDY L. TAYLOR (1992) Professor of Biology
B.S., M.S., Southwest Missouri State University; Ph.D., Mississippi State University
- JAIME R. TAYLOR (1995) Interim Dean, College of Science and Mathematics and
Professor of Physics and Astronomy
A.S., Nashville State Technical Institute; B.S., Austin Peay State University;
M.S., Ph.D., University of Tennessee Space Institute
- ANTONIO S. THOMPSON (2008) Assistant Professor of History
B.A., Austin Peay State University; M.A., Western Kentucky University; Ph.D.,
University of Kentucky
- JAMES F. THOMPSON (1993) Professor of Biology
B.S., University of Alabama; Ph.D., The University of Tennessee
- JENNIFER THOMPSON (2009/2008) Assistant Professor of Allied Health
B.S., M.S.N., Austin Peay State University
- LINDA THOMPSON (1994) Professor of Nursing
B.S.N., Samford University; M.S.N., The University of Tennessee; D.S.N., University of
Alabama at Birmingham
- TOMMY LEWIS THOMPSON, JR. (2009) Assistant Professor of Nursing
B.S.N., Austin Peay State University; M.S.N., Vanderbilt University
- BLAIR ALLYN THORNTON (2008) Assistant Professor of Health
B.A.T., West Virginia Wesleyan College; M.S., James Madison University; Ph.D.,
University of Kansas
- STEPHEN A. TRUHON (2005) Associate Professor of Psychology
B.A., College of the Holy Cross; M.A., Ph.D., Michigan State University
- TYLER TURNER (2009/2010) Instructor of Mathematics
B.S., University of Memphis; M.S., University of Memphis
- MINOA D. UFFELMAN (2005) Assistant Professor of History
B.S., M.A., Austin Peay State University; Ph.D., University of Mississippi
- LISA R. VANARSDEL (1987) Professor of Music
B.M., M.M., University of Illinois; D.M.A., Louisiana State University
- JIM VANDERGRIFF (1997) Professor of Computer Science
B.S., University of California; M.S., Ph.D., Vanderbilt University
- JASON VERBER (2010) Assistant Professor of History/Philosophy
B.A., University of Wisconsin-Stevens Point; M.A., University of Iowa
- JACKIE VOGEL (2004) Professor of Mathematics
B.A., Carson Newman College; M.S., Ed.D., The University of Tennessee
- JOHN X. VOLKER (1999) Professor of Management
B.S., M.B.A., Murray State University; Ph.D., Walden University
- DAVID M. VON PALKO (1983) Professor of Mass Communication
B.S., Arizona State University; M.A., Northern Arizona University; J.D., Nashville
School of Law
- MICKEY WADIA (1993) Professor of English
B.A., The University of Calcutta; M.A., Jadavpur University; Ph.D., The University of
Southwestern Louisiana
- MOHAMMED WAHEEDUZZAMAN (1992) Chair and Professor of Public Management
B.A., M.A., University of Dhaka; M.A., Villanova University; Ph.D., Kent State University
- ANNE WALL (2004) Associate Professor of Education
B.S., University of Kansas; M.A., Ed.S., Austin Peay State University; Ed.D., Tennessee
State University
- MINGZHE WANG (2007) Assistant Professor of Music
B.M., Lynn University Conservatory of Music; M.M., M.M.A., A.D., Yale University
School of Music

- ELOISE WEATHERSPOON (2005) Instructor of English
B.S., University of Alabama; M.A., Austin Peay State University
- DIXIE WEBB (1992) Interim Dean, College of Arts and Letters;
and Professor of Art
B.G.S., M.A., Ph.D., University of Kansas
- JOSEPH E. WEBER (2007) Director and Associate Professor of Library Services
B.S., M.A., Central Michigan University; M.S., University of Kentucky
- LAUREN WELLS (2007) Assistant Professor of Education
B.A., University of Mississippi; M.S., Ph.D., Mississippi State University
- LESLIE WEST-SUGGS (2006) Assistant Professor of Nursing
B.S.N., Austin Peay State University; M.S.N., Tennessee State University
- DANIELLE WHITE (1977) Associate Professor of Nursing
B.S.N., M.S.N., The University of Evansville
- CHARLA WHITE-MAJOR (2007) Assistant Professor of English
B.A., University of Texas; M.A., Ph.D., Oklahoma State University
- ANDREW T. WILSON (1998) Professor of Mathematics
B.S., Murray State University; M.S., University of Tulsa; Ed.D., Vanderbilt University
- TIMOTHY F. WINTERS (1997) Professor of Classics
B.A., The University of Arizona; M.A., Ph.D., Ohio State University
- MARY LOU WITHERSPOON (1993) Professor of Mathematics
B.S., Austin Peay State University; M.Ed., Ph.D., Vanderbilt University
- GREGORY WOLYNEC (2003) Associate Professor of Music and Director of Bands
B.M., SUNY Potsdam/Crane School of Music; M.M., D.M.A., Michigan State University
- JEFFREY NEAL WOOD (1984) Professor of Music
B.Mus., Oberlin College Conservatory of Music; M.A., M.Mus., Ph.D., State University of New
York-Stony Brook
- CHARLES B. WOODS (1992) Professor of Psychology
B.A., B.S., University of Wyoming; M.S., Ph.D., University of Florida
- NANCI S. WOODS (1992) Professor of Psychology
B.S., M.S., Ph.D., University of Florida
- AMY M. WRIGHT (2007) Assistant Professor of English
B.A., University of Virginia; M.A., University of Colorado; Ph.D., University of Denver
- HAN WU (2007) Assistant Professor of Mathematics
B.S., Shandong University; M.A., University of Maine; M.S., Ph.D., Iowa State University
- PEI XIONG-SKIBA (1993) Professor of Physics and Astronomy
B.S., Fudan University (China); M.S., Southeastern Massachusetts University;
Ph.D., Wesleyan University
- STANLEY YATES (1994) Professor of Music
G.D.M., Sandown College of Performing Arts (England); M.M., University of Liverpool;
D.M.A., University of North Texas
- YINGBING YU (2007) Assistant Professor of Computer Science
B.A., Zhejiang University; M.S., Nanjing University; Ph.D., University of Louisville
- YUNYING ZHANG (2010) Assistant Professor of Communication
B.A., Xi'an Foreign Languages University; M.A., Washington State University
- XIN ZHANG (2008) Assistant Professor of Management
B.S., M.S., Central South University; M.S., Ph.D., University of Tennessee
- GREGORY R. ZIEREN (1991) Professor of History
B.A., University of Michigan; M.A., University of London; M.A., University of Iowa;
Ph.D., University of Delaware
- KATHYRN A. ZIMMERMAN (2009) Assistant Professor of Nursing
B.S.N., M.S.N., Tennessee State University
- JEANETTE ZYKO (2008) Assistant Professor of Music
B.M., University of Hartford; M.M., Butler University; D.M.A., Manhattan School of Music

EMERITUS ADMINISTRATION AND FACULTY

Hugh Akerman, M.A., Associate Professor of History (1964-1992)

Wynella Badgett, Ed.D., Dean, School of Nursing and Professor of Nursing (1988-1997)

Lawrence E. Baggett, M.A., Associate Professor of Accounting (1965-2004); Chair of Department of Accounting (1979-1982 and 1998-2003).

Johnnie Givens Barnes, A.M., Professor and Head Librarian (1946-1976)

James Bateman, Ph.D., Professor of Computer Science & Information Technology (1990-2007)

Daniel W. Bath, Ph.D., Professor of Biology (1969-1971 and 1975-2005)

Thayer W. Beach, Ph.D., Professor of English (1968-1991)

Lou Beasley, Ph.D., Professor of Sociology (1999-2004); Interim Dean of Graduate Studies (2002-2004); Interim Chair, Department of Sociology (2002-2003); Dean, College of Human Services and Nursing (1999-2002)

Gerald R. Beavers, M.S., Assistant Professor, School of Technology and Public Management (1996-2007); Director, School of Technology and Public Management (1999-2000); Executive Director of AP Center @ Fort Campbell (2001-2007)

Eleanor Beiswenger, Ph.D., Professor of English (1977-1994)

Albert J. Bekus, Ph.D., Professor of English (1970-2004); Chair of Department of Languages and Literature (1995-1998); Director of Developmental Studies Program (1976-1983)

D. M. S. Bhatia, Ph.D., Professor of Geology (1977-2004)

Garland E. Blair, Ed.D., Professor of Psychology (1968-2000); Chair, Department of Psychology (1970-1980 and 1997-1998)

Harvey F. Blanck Jr., Ph.D., Professor of Chemistry (1964-1993)

Charles N. Boehms, Ph.D., Professor of Biology (1957-1987); Vice President for Student Affairs (1968-1982)

Billy Joe Brown, Ph.D., Professor of Health and Human Performance (1977-2000); Chair of Department of Health and Human Performance (1977-1993)

Olen L. Bryant, M.F.A., Professor of Art (1964-1991)

Dennie Burke, Executive Director of Public Relations & Marketing (1986-2008)

Lewis B. Burton, M.A., Associate Professor of Art (1960-1982)

John L. Butler, Ph.D., Professor of Biology (1996-2001); Director of Leadership Studies and President's Emerging Leaders Program (1996-2001); Vice President for Academic Affairs (1985-1996)

Don Carlin, M.S., Professor, Woodward Library (1979-2007)

Wayne Chaffin, Ed.D., Professor of Health and Human Performance (1979-2007); Chair of Health and Human Performance (2001-2005)

Edward Wayne Chester, Ph.D., Professor of Biology (1967-2004); Curator of APSU Herbarium (1967-2004); Director of the Environmental Sciences Education Program (1971-1974)

Bruce A. Childs, M.F.A., Professor of Art (1980-2004)

Aleeta Christian, Ed.D., Professor of Developmental Studies (1986-2007); Director of Developmental Studies (1996-2003)

Stephen Clark, Ph.D., Professor of Music (1985-2007)

James H. Clemmer, M.A., Professor of English (1967-2004); Director of Heritage Program (1995-2002)

Billy D. Cole, M.A.Ed., Assistant Professor of Biology (1960-1990)

James X. Corgan, Ph.D., Professor of Geology (1968-1992); Chair, Department of Geology and Geography (1972-1991)

- Ruth E. Dennis, Ph. D.**, Professor of Sociology (1985-1999); Director, Wilbur N. Daniel African American Cultural Center (1995-1996); Chair, Department of Political Science and Sociology (1997-1999)
- Don W. Der, Ph.D.**, Professor of English (1970-1991)
- Thomas Dixon, Ph.D.**, Associate Professor of History (1966-2007)
- Reece Elliott, Ph.D.**, Professor of Speech (1971-2000); Chair, Department of Speech, Communication and Theatre (1985-1989)
- I. Joe Filippo, Ph.D.**, Professor of Theatre (1968-2004); Assistant Vice President for Academic Affairs (1994-2004); Director of Enrichment Programs (1996-2003); Director of the Heritage Program (1993-1994); Chair of Department of Speech Communication and Theatre (1968-1985)
- George D. Fisher, D.A.**, Professor of Health and Physical Education (1958-1989)
- Solie Fott, Ph.D.**, Professor of Music (1958-2000); Chair, Department of Music (1978-2000)
- Howard French, M.S.Ed.**, Assistant Professor of School of Technology and Public Management (1993-2007)
- Glenn S. Gentry, M.S.**, Professor, Business Administration (1947-1982); Chair, Department of Business Administration (1950-1968); Acting Director, School of Business and Economics (1968-1969); Dean of Admissions and Records (1969-1982)
- Janie S. Gentry, B.S. in L.S.**, Associate Professor and Acquisitions Librarian (1962-1982)
- Wendell H. Gilbert, M.A.**, Vice President for Development and University Relations (1981-1998)
- Meredith M. Gildrie, M.A.Ed.**, Associate Professor of Developmental Studies Program Malcolm Sanford Glass, M.A., Professor of English (1962-1999)
- Richard Gildrie, Ph.D.**, Professor of History (1970-2008)
- Dolores A. Gore, Ed.D.**, Professor of Education (1982-2005); Director of 21st Century Classroom Project (1992-1999)
- Willis H. Hackman, Ph.D.**, Professor of Music (1959-1991)
- Thomas R. Hamel, Ed.D.**, Professor of Mathematics (1971-2002)
- James D. Hamilton, M.S.**, Professor of Agriculture and Chair, Department of Agriculture (1945-1980)
- Nancy G. Hancock, D.A.**, Professor of English (1988-2003)
- A. Rae Hansberry, Ph.D.**, Associate Professor of Health and Human Performance (1984-2005)
- Durward S. Harris, Ph.D.**, Professor of Chemistry (1962-1998); Chair, Department of Chemistry (1980-1985)
- E. Ann Harris, Ph.D.**, Professor of Education (1992-2007)
- Philancy E. Holder, Ph.D.**, Professor of Art (1971-1992)
- Max Hochstetler, M.F.A.**, Professor of Art (1967-1999); Chair, Department of Art (1989-1993)
- Larry Hoehn, Ed.D.**, Chair and Professor of Mathematics (1979-2010)
- Betty Holte, B.A., M.A.T.**, Director of Galleries and Associate Professor of Art (1986-2006)
- Camille B. Holt, Ed.D.**, Professor of Education (1975-2002); Assistant Vice President for Development (1994-95); Interim Administrator, College of Graduate and Professional Programs (1995-1997)
- Charles C. Holt, Ph.D.**, Professor of English (1967-1991)
- Betty Holte, B.A., M.A.T.**, Director of Galleries and Associate Professor of Art (1986-2006)
- Paul Hsu, Ph.D.**, Professor of Sociology
- Preston J. Hubbard, Ph.D.**, Professor of History (1955-1988); Chair, Department of History and Philosophy (1979-1987)

508 Administration and Faculty

- Gaines C. Hunt, Ph.D.**, Professor of Agriculture (1971-2006); Dean, College of Science and Mathematics (2004-2006); Interim Dean, College of Science and Mathematics (2002-2004); Interim Dean, College of Arts and Sciences (2001-2002); Assistant Vice President for Academic Affairs serving as Dean of Graduate Studies and Professional Programs, and Director of Fort Campbell Programs (1997-1999); Interim Administrator of Professional Programs (1995-1997); Chair, Department of Agriculture (1978-1987 and 1991-1996)
- Aaron A. Hutcheson, Ph.D.**, Professor of Economics (1967-1997)
- Paul Hyatt, Ph.D.**, Professor of History (1949-1987)
- Edward Eugene Irwin, Ph.D.**, Professor of Languages and Literature (1962-1998)
- Ted Jones, Ph.D.**, Professor of Mass Communications and Theatre (1994-2008); Director, Distance Learning Activities (1995-1996)
- Ellen Kanervo, Ph.D.**, Professor of Communications (1997-2007); Chair of Communications (1989-1992)
- Joyce C. Kilpatrick, DBA, CPA, CMA, CIA, CFE**, Professor of Accounting (1985-2000)
- John Knight, Ph.D.**, Associate Professor of Finance (1978-1987)
- Donald B. Lambert, Ed.D.**, Professor of Education (1968-1993); Acting Chair, Department of Education (1979-1981); Chair, Department of Education (1981-1993)
- Rose Marie Lange, M.A.**, Associate Professor of Developmental Studies (1987-2001)
- Bob D. Lee, B.S., M.Ed.**, Middle Tennessee State University, Director of Bands and Professor of Music (1982-2003)
- James D. Lester, Ph.D.**, Professor of English (1970-2000)
- Jean G. Lewis, Ed.D.**, Professor of Psychology (1978-2005); Director of the Special Services Program (1980-1987)
- George L. Mabry, Ph.D.**, Professor of Music (1970-2003)
- John D. Martin, Ed.D.**, Professor of Psychology (1966-1991)
- John M. Matthews, Ph.D.**, Professor of Agriculture (1971-2006)
- Melburn R. Mayfield, M.S.**, Professor of Physics (1957-1987); Chair of Department of Physics (1958-1970); Vice President for Development and Field Services (1972-1976); Executive Director of University Advancement (July-Dec 1976)
- Ralph H. McCoy, Ph.D.**, Associate Professor of Biology (1977-2005)
- Harry L. McLeod, Ph.D.**, Professor of Chemistry and Chair of Department of Chemistry (1959-1982)
- Elnor W. McMahan, M.A. in L.S.**, Head of Library Cataloging and Professor (1968-1993)
- Jim Thomas McMinn, DBA**, Professor of Economics (1977-1998)
- H. Leon McQueen, Ph.D.**, Professor of Mathematics (1972-2004); Chair of Department of Mathematics and Computer Science (1986-2004)
- Tommy Meadows, Ph.D.**, Professor of Economics (1977-2007)
- Malcolm Muir, Ph.D.**, Professor of History (1977-2003)
- James D. Nixon, Ph.D.**, Professor of Sociology (1972-1992); Dean, College of Arts and Sciences (1976-1992)
- Christoph E. Nussbaumer, Ph.D.**, Professor of Management (1964-1998)
- Leslie M. Ogilvie, M.S.**, Assistant Professor of Physics (1962-1978)
- Allene Phy-Olsen, Ph.D.**, Professor of Languages and Literature (1990-2007); Director of Heritage Program (1990-1993); Director of Honors Program (1990-2007)
- Charles Pinder, Ph.D.**, Dean, College of Graduate Studies (2004-2009)
- George Rawlins, III, Ed.D.**, Professor of Education (1970-1998)
- Jim R. Ridenhour, Ph.D.**, Professor of Mathematics (1972-2007)

Linda B. Rudolph, Ed.D., Professor of Psychology (1971-2001); Chair of Psychology (1980-1987); Assistant to the Vice President for Academic Affairs (1986-1989); Associate Vice President for Planning and Institutional Effectiveness (1989-1995); Director of President's Emerging Leaders Program (1989-1995); Interim Vice President for Academic Affairs (2000-2001)

Dorothy F. Smith, M.A.Ed., Assistant Professor of Health and Physical Education (1962-1991)

James T. Stack, M.A., Associate Professor of Mathematics (1954-1987)

Wayne E. Stamper, Ph.D., Professor of Engineering Technology (1968-1997); Professor of Chemistry (1968-1997); Chair of the Department of Engineering Technology (1989-1994); Executive Assistant to the President (1983-1989); Coordinator of External Grants (1977-1982); Dean of the Graduate School (1968-1977)

Carlton H. Stedman, Ed.D., Professor of Education (1970-2000); Chairman, Department of Education (1978-1979); Dean, College of Education (1980-1995)

William G. Stokes, Ph.D., Professor of Mathematics and Chair, Department of Mathematics (1960-1987)

Benjamin P. Stone, Ph.D., Professor of Biology (1961-2001); Chair of Biology (1977-2001); Director of the Center for Field Biology-LBL (1986-2002)

Lewis C. Tatham, Jr., Ph.D., Professor of English (1966-1995); Chair, Department of Languages and Literature (1985-1995)

Albert J. Taylor, D.B.A., Professor of Marketing (1990-1998); Head Coach of Men's Golf (1991-1995); Instructor (1970-1977)

David K. Till, Ph.D., Professor of English (1971-2004)

John Everett Turner, M.A., Assistant Professor of English (1967-2000)

Betty Joe Wallace, M.A., Associate Professor of History (1965-2004)

Byron J. Webb, M.A., Associate Professor of Geography (1967-1995)

Robert Kenton Wibking, Ph.D., Professor of Geography (1962-1988); Chair, Department of Geography (1962-1972)

Allan S. Williams, Ed.D., Professor of Education (1968-2005)

Thomas Howard Winn, Ed.D., Professor of History (1972-2003)

Earnest Woodward, Ph.D., Professor of Mathematics (1968-1996)

Richard C. Yarbrow, Ed.D., Professor of Education (1970-1995)

Faye Zeigler, M.S.N., Professor of Nursing (1996-2007)

ADMINISTRATION

Barbara Blackston (1991), Director of Counseling, Testing and Career Services, B.S., Murray State University; M.S., Austin Peay State University

Daniel B. Botula, (1999), Director, Tri-County Upward Bound, B.S., Ohio University, M.Ed., Georgia State University

Tammy Bryant (1990), Director, Student Affairs Programs and Services, B.S., Middle Tennessee State University; M.S., Austin Peay State University

Sherryl A. Byrd (2006), Associate Vice President for Student Affairs and Senior Student Affairs Officer, B.S., M.A., Tennessee Tech University; Ed.D., University of Alabama

Marissa Chandler (1998), Director of TRIO Student Support Services, B.A., M.A.Ed., Western Kentucky University; Ed.S., Austin Peay State University

Carol Clark (2001), Executive Assistant to the President, B.B.A., M.A., Austin Peay State University

William Cox (2007), Executive Director of AP Center @ Fort Campbell; B.S., University of Northern Colorado; M.A., Chatman University; Ed.D., University of Alabama

- David Davenport (2003)**, Director
University Recreation, B.S., Appalachian
State University; M.S., Old Dominion
University
- Tristan Denley (2009)**, Provost and Vice
President for Academic Affairs, B.S.,
University of Exeter-England; Ph.D.,
University of Cambridge-England
- David Denton (1994)**, Dean, College of
Behavioral and Health Sciences, B.A.,
M.S., University of Tennessee-
Chattanooga; Ph.D., University of
Tennessee-Knoxville
- Dixie Dennis (2005)**, Associate Provost of
Grants and Sponsored Programs and
Dean of College of Graduate Studies,
B.S., M.S., Austin Peay State University;
Ph.D., Southern Illinois University
- Ryan Forsythe (2007)**, Director, Office of
Admissions; B.S., Westfield State
College; M.Ed., University of
Massachusetts
- Melissa Gomez (2004)**, Director, New
Student Programs; B.S., Clemson
University; M.S., Austin Peay State
University; Ed.D., Trevecca Nazarene
University
- James Roy Gregory (1991)**, Executive
Director of University Advancement,
B.S., University of Tennessee-
Chattanooga
- Carlette Hardin (1981)**, Interim Dean,
College of Education; B.S., M.A., Austin
Peay State University; Ed.D., George
Peabody College
- Ted Heidloff (2005)**, Director of Human
Resources and Affirmative Action., B.S.,
Central Michigan University; M.S.A.,
Central Michigan University; Ph.D.,
Michigan State University
- Tim Hurst (2007)**, Assistant Vice President
for Finance and Administration; B.B.A.,
East Tennessee State University; M.B.A.,
Middle Tennessee State University; C.P.A.
- Richard Jackson (2002)**, Vice President of
Legal Affairs and Strategic Planning,
B.A., Vanderbilt University; J.D.,
University of Cincinnati
- Feleesha Johnson (2002)**, Director,
Tennessee Small Business Development
Center; B.S., Austin Peay State
University
- John Johnson (1994)**, Director, Educational
Opportunity Center, B.B.A., M.A.Ed.,
Ed.S. Austin Peay State University
- Andy Kean (1989)**, Director of University
Center and Services, B.S., University of
Tennessee-Martin; M.Ed., Southern
Arkansas University
- David H. Loos (1990)**, Director of Athletics
and Men's Head Basketball Coach, B.S.,
M.A.Ed., The University of Memphis
- Marsha Lyle-Gonga (2002)**, Director of
High School Upward Bound Program,
B.A., Our Lady of the Lake University;
M.S., Trinity University
- Julia K. McGee (1977)**, Interim Dean,
Extended and Distance Education, B.S.,
M.A.Ed., Austin Peay State University
- Harriett McQueen (2004)**, Dean of
Enrollment Management and Academic
Support, B.B.A., North Texas State
University; M.B.E., Ph.D., University of
Oklahoma
- F. Joe Mills (1991)**, Director of Housing and
Residence Life and Dining Services, B.S.,
M.S., Eastern Illinois University
- Patricia Mulkeen (2005)**, Director of
Institutional Research and Effectiveness,
B.A., Clemson University; M.S., Ph.D.,
The Pennsylvania State University
- Arthur Neal (1989)**, Director, Veterans
Upward Bound, B.S., M.A.Ed.S.,
Tennessee State University; Ph.D.,
George Peabody College of Vanderbilt
University
- Beulah Oldham (1989)**, Director of
Disabilities Services and Interim
Director, African American Culture
Center, B.S., Austin Peay State
University; M.S., Tennessee State
University
- Bill Persinger (1992)**, Executive Director of
Marketing and Public Relations, B.F.A.,
Austin Peay State University

Donna Price (1991), Director of Student Financial Aid, B.B.A., M.S., Austin Peay State University

Carmen Reagan, Interim Dean, College of Business

Mitch Robinson (2003), Vice President for Finance and Administration, B.S., Indiana University, M.A.Ed., Middle Tennessee State University; C.P.A.

Lowell G. Roddy (2001), Director, Student Counseling and Health Services, B.A., Bethel College; M.Div., Memphis Theological Seminary; Th.M., Princeton Theological Seminary; M.Ed., University of Louisville; D.Min., Memphis Theological Seminary

Shelia Ross (1971), Director of Alumni and Annual Giving, B.S., Austin Peay State University

Connie Sanders (1990), Director, Child Learning Center, B.S., Austin Peay State University

Gregory R. Singleton (2007), Dean of Students, B.S., University of Memphis; M.S.Ed., Florida International University; Ed.D. Candidate, Florida International University

Sonja Stewart (1999), Director of Budgets and Planning, B.B.A., Middle Tennessee State University; C.P.A.

Jackie Struckmeyer (1994), Internal Auditor, B.B.A., Troy University; C.P.A.

Jaime Taylor (1995), Dean, College of Science and Mathematics and Professor of Physics; A.S., Nashville State Technology Institute; B.S., Austin Peay State University; M.S.; Ph.D., University of Tennessee Space Institute

Charles Wall (1972), Director of Information Technology, B.S., Austin Peay State University

Dixie Webb (1992), Interim Dean, College of Arts and Letters and Professor of Art; B.G.S., M.A., Ph.D., University of Kansas

Joseph E. Weber (2007), Director of Library Services; B.S. in Education, Central Michigan University; M.A. in Educational Administration; M.S. in Library Science, University of Kentucky

Phyllis Whittaker (1970), Director of Accounting Services, B.B.A., M.B.A., Austin Peay State University

Telaina Wrigley (1996), Registrar, A.A., Ball State University; B.S., Austin Peay State University; M.S.M., Troy State University

Index

A

- Absentia Requirements, 75
 Academic Alert, 238
 Academic Advising, 53, 237
 Academic Credentials, Misrepresentation of, 33
 Academic Discipline Awards, 251
 Academic Good Standing, 66
 Academic Guidelines for the Baccalaureate Degree, 72
 Academic Honors and Awards Ceremony, 250
 Academic Probation, 67
 Academic Regulations for Degree Completion, 74
 Academic Standards and Regulations, 55
 Academic Status, 66
 Academic Support, 237
 Academic Support Center, 237
 Academic Support Services, 237
 Academic Suspension, 67
 Accident Insurance, 257
 Accounting, 162, 263
 Accreditation, inside front cover, 19
 Administration, 509
 Administration and Faculty, 489
 Administrative Offices, 490
 Admission Information, 25-36
 Adult Special Applicants, 34
 Advanced Placement (AP), 61
 Advanced Placement Examinations, 63
 Affirmative Action, inside front cover
 African American Cultural Center, 247
 African American Studies, 80, 266
 Agriculture, 183, 267
 Agriculture Minor, 184
 Agri-Business Concentration, 184
 Agri-Science Concentration, 185
 Agri-Communications Concentration, 186
 All State, 249
 Allied Health Sciences, Department of, 194
 Alumni Association, 248
 American College Test (ACT), 26-30
 Apartments, 258
 Appeal,
 Admission, 34
 Fee Adjustment, 42
 Financial Aid, 47
 Grade, 58
 Residency, 35
 Suspension, 67
 Appendixes, 483
 Application Fee, 25, 39
 Application for Admission, 25
 Application for Commencement, 74
 Application for Degree, 71
 Application for Readmission, 34
 Applied Music, 122
 AP Self Service, 256
 APSU 1000, 238, 262
 APSU Center @ Fort Campbell, 67, 419
 APSU Online/Distance-Based Degrees, 239
 APSU Today, 19
 Art, 81, 272
 Art Education, 83
 Art Galleries, 22
 Gallery 108
 Mabel Larsen Fine Arts Gallery, The
 Trahern Gallery, The
 Art History Minor, 89
 Arts and Letters, College of, 79
 Art Minor, 82
 Asian Studies Minor, 106
 ASPIRE Award, 45
 Assessment, 59
 Associate Degrees, 72, 241, 421-422, 439
 Associate and Applied Science Degree, 439

Astronomy Minor, 233, 252, 277
 Athletics, 248
 Attendance Policy, 52
 Auditing a Course, 54
 Automobile Registration, 258
 Automotive Technology, 442, 447
 Awarded Grades for Courses Dropped, 58

B

Baccalaureate Degree, 71-74
 Bachelor's Degree for Soldiers, 242
 Bachelor of Science Degrees @ Fort Campbell
 Education Center, 420
 Behavioral and Health Sciences, College of, 135
 Biochemistry Concentration, 204
 Biology, 197, 279, 251
 Biology Minor, 198
 Biology Teaching Licensure, 199
 Board and Room (see Housing)
 Board of Regents, 489
 Book and Supply Store, 256
 BSN Completion Program, 138
 Broadcast Media Specialization, 90
 Buildings, Offices & Departments, 520
 Bulletin, 255
 Business, 159
 Business, College of, 160
 Business Law, 285

C

Calendar, 13
 Campus Home Page, 1, 12, 491
 Campus Map, inside back cover
 Campus Police, 257
 CARE Policy, 68
 Career, Advisement, and Testing Services, 238
 Catalog (Bulletin) Requirements, 255
 Center for Extended and Distance Education,
 239
 Center for Field Biology, 21
 Center of Excellence for Creative Arts, 22
 Certified Professional Secretary (CPS), 62, 64
 Chairs of Excellence, 21
 Chemical Engineering Technology, 210, 290
 Chemistry, 202, 251, 285
 Chemistry Minor, 208
 Chemistry - Teaching Licensure, 209
 Child Learning Center, 256
 Civitan Citizenship Award, 251
 Class Attendance, 47, 56
 Classical Civilization Minor, 118
 Classical Language Minor, 118

Classics Specialization, 114, 291
 Classification of Courses, 55
 Classification of Students, 54
 Code of Student Conduct, 253
 College of,
 Arts and Letters, 79
 Behavioral and Health Sciences, 135
 Business, 159
 Education, 171
 Graduate Studies, 229
 Science and Mathematics, 181
 College Entrance Examination Board
 (CEEB), 63
 College Level Examination Program (CLEP),
 62, 64
 Commencement, 74
 Common Bulletin Statement, 72
 Communication Arts, 90, 97, 293
 Communication Arts Minor, 96
 COMPASS Assessment, 59
 Compliance Statement, inside front cover
 Composition Specialization, 129
 Computer Networking Minor, 220
 Computer Science and Information Systems,
 217, 302
 Computer Science Concentration, 217
 Computer Science and Information
 Technology, Department of, 217
 Computer Science Minor, 220
 Computer Technology and Information
 Management, 445
 Concurrent Enrollment, 30
 Confidentiality of Student Records, 254
 Construction Technology, 443, 453
 Cooperative Center for Study Abroad (CCSA),
 243
 Core Requirements,
 TBR General Education Core, 71
 Corequisites, 55
 Corporate Communication Specialization, 91
 Correspondence Credit, 62
 Counseling Services, 256
 Course Descriptions, 261, 447
 Course Repeats, 68
 CPA Exam, 163
 Creative Writing Minor, 112
 Credit,
 Advanced Placement, 61
 Certified Professional Secretary, 62, 64
 CLEP, 62, 64
 Correspondence, 62
 CYBIS, 62
 DANTES, 62
 Departmental Proficiency, 62

International Baccalaureate (IB), 61
 Law Enforcement, 63, 65
 For Military Services, 63
 Non-Traditional Credits, 63
 by Testing, 61
 Criminal Justice, 437, 456
 Criminal Justice Interdisciplinary Minor, 437
 Culinary Arts, 442, 460
 CYBIS, 62

D

Dance, 101, 310
 Dance Minor, 101
 DANTES, 62
 Database Administration, 219
 Dean's List, 67
 Decision Sciences, 169, 311
 Declared Students, 53
 Degree Audit, 54
 Degree Requirements,
 Associate Degree, 72, 411
 Bachelor's Degree, 71-72
 In Absentia, 75
 Liberal Arts Core, 71
 Records Complete, 74
 Testing, 72
 Degrees, 77
 Associate of Applied Science, 422
 Associate of Science, 422
 Bachelor of Arts, 77
 Bachelor of Business Administration, 160
 Bachelor of Fine Arts, 77
 Bachelor of Science, 77
 Bachelor of Science in Professional
 Studies, 433
 Bachelor of Science in Nursing, 136
 Bachelor's Degree for Soldiers, 242
 In Absentia, 75
 Second, 75
 Departmental Proficiency Examination, 62
 Disabilities, Students with, 258
 Disabled Persons, 33
 Disbursement Procedure, 47
 Discounts, Fee, 40
 Distance Education, 23, 239
 Dormitories, 39, 258
 Double Major (see Second Major)
 Drane Award, 250
 Dropping Courses, 57
 Drug-Free Schools and Communities
 Amendments Act, 255
 Dual Enrollment, 57

E

Early Admission, 29
 Early Childhood, 312
 Economics, 163, 313
 Education, 171, 315
 Education, College of, 171
 Educational Goals, 20
 Electronics Technology, 444, 461
 Emeritus Administration and Faculty, 506
 Employment, 46
 Engineering Technology, 423, 424, 463
 English, 110, 113, 317
 English Minor, 112
 English Writing Minor, 112
 English Proficiency, 31
 English with Teacher Licensure, 43
 English as a Second Language (ESL), 240
 Enhanced Courses with SLA Requirements, 55
 Environmental Hazards, 221
 Ethical Studies Minor, 107
 Examinations, 61-66
 Excelsior College Examination, 66
 Exchange Programs, 242
 Experiential Learning Credit, 60
 Extended Education, 240

F

Faculty, 491
 Family Studies Minor, 158
 Federal Direct Loan - Subsidized, 44
 Federal Direct Loan - Unsubsidized, 44
 Federal Educational Rights and Privacy Act
 (FERPA), 254
 Federal Parent Loan (PLUS), 44
 Federal Perkins Loans, 44
 Fee Adjustments, 41
 Fee Adjustment Appeals, 42
 Fees, 37-42
 Finance, 164, 323
 Financial Aid, 42, 420
 First-Year Experience, 238
 Food Service Technology, 441, 471
 Foreign Experience, 145
 Foreign Languages, 112, 114
 Forensic Biochemistry Concentration, 207
 Forensic Chemistry Minor, 208
 Forensic Chemistry Concentration, 205
 Fort Campbell, 67, 419
 Fraternities, 247
 Fraternity and Sorority Affairs, 247
 French Minor, 119
 French Specialization, 115, 324

French and German Specialization, 115
French and Spanish Specialization, 115
Freshman Admission Requirements, 26
Fresh Start, 68
Full-Time Load, 54

G

General Assembly Merit Supplemental Scholarship, 45
General Business, 166, 326
General Campus Employment, 46
General Agriculture, 183
General Education Core,
 Bachelor of Arts, 72
 Bachelor of Business Administration, 72
 Bachelor of Fine Arts, 72
 Bachelor of Science, 72
 Bachelor of Science in Nursing, 72
 Bachelor of Science in Professional Studies, 72
General Education Development (GED), 26-28, 34
General Requirements for Admission, 26
General Requirements for Associate Degree, 421
Geographic Information Analysis, 222
Geographic Information Systems Minor, 226
Geography, 226, 326
Geography Minor, 226
Geology Concentration, 223, 330
Geology Minor, 226
Geosciences, Department of, 221
German Minor, 119
German Specialization, 116, 333
German and Spanish Specialization, 116
Global Environment and Development, 225
Global Security Studies, 245, 335
Good Standing, 66
Govs ID Card, 256
Govs Programming Council (GPC), 249
GRAD PLUS Loans, 45
Grade Appeal, 58
Grade Access, 58
Grade Changes, 58
Grade of Incomplete, 57
Grade Point Average (GPA), 57
Grade Reporting, 57
Grades Awarded for Courses Dropped, 58
Grading System, 56
Graduate Studies, 234
Graduating with Honors, 67
Graduation Fees, 39
Graduation Requirements,

 Associate, 70
 Bachelor, 71
Graduating Student Required Examination, 72
Grants, 43
Graphic Design Minor, 89
Greek Specialization, 116, 335
Greek Minor, 119

H

Halbert Harvill Civitan Citizenship Award, 251
Health, 142, 144
Health Care Management Concentration, 141
Health and Human Performance, 139, 143, 336
Health Services, 257
Health Science Minor, 145
Helping Heroes Grant, 45
High School Unit Deficiencies, 28, 485
High School Unit Requirements, 26, 483
High School Upward Bound, 241
Hispanic Cultural Center, 248
History, 102, 341
History Minor, 104
History Teacher Licensure, 102
History and Philosophy, Department of, 102
Holds on Registration, 54
Holocaust Traveling Seminar, 243
Home Page, 1, 12, 491
Homeland Security Concentration, 437
Honor and Professional Organizations, 252
Honor Societies, 252
Honors and Awards, 250
Honors Program, 108
Housing, 39, 258

I

"I" grade, 56
Identification Card, 256
Immunization Requirement, 34
In Absentia, 75
In-State Fees, 37-38
In-State Residency, 35, 486
Inclement Weather, 56
Incomplete, Removal of Grade of, 58
Individualized Music Instruction Fee, 40, 122
Information, 11, 35
Information Specialist Specialization, 94
Information Systems Concentration, 218
Institute for Global Security Studies, 245
Institutional Mission, 20
Institutional Scholarship Awards, 46
Insurance, Sickness and Accident, 257
Interdisciplinary Studies, 175

Intercollegiate Athletics, 248
 International Applicants, 31
 International Baccalaureate (IB), 61
 International Management, 167
 International Relations Minor, 151
 International Students, 31
 International Studies, 145, 340, 348
 Internet Technology Specialization, 91
 Internet and Web Technology, 220
 Internet Technology Specialization, 88
 Internet Address, 1, 12, 491

J

Japanese, 348
 Joint Enrollment, 30
 Journalism Minor, 96

L

Languages and Literature, Department of, 109
 Latin, 114, 117, 120, 349
 Latin American Studies Minor, 108
 Law Enforcement Credit, 63, 65
 Leadership Program, 246
 Leadership Studies, 350
 Legal Studies Concentration, 150
 Liability, 255
 Licensure of Teachers, 172-180
 Life/Work Portfolio Experiential Learning
 Credit, 60
 Linguistics, 352
 Living Accommodations, 39, 258
 Loan Awards, 44
 Lottery Scholarships (see Tennessee
 Education Lottery Scholarships)

M

Majors, 77
 Majors,
 College of Arts and Letters, 79
 College of Behavioral and Health Sciences,
 135
 College of Business, 159
 College of Education, 171
 College of Science and Mathematics, 181
 School of Technology and Public
 Management, 419
 Management, 167, 353
 Management Information Systems, 354
 Management Technology, 439, 472
 Mandatory "F," 56-57
 Marketing, 168, 354
 Mass Communications Concentration, 90
 Mathematics, 227, 357

Mathematics, Department of, 227
 Mathematics Minor, 230
 Mathematics Education, 228
 Mathematics Specialization, 228
 Maximum Load, 55
 Media Technologies Specialization, 93
 Medical Technology, 194, 362
 Merit-Based Awards, 45
 Military Applicants, 31
 Military Science, 148, 365
 Military Science and Leadership, 148, 365
 Military Service Credit, 63
 Multiple Loan Disbursements, 45
 Music, Department of, 120, 367
 Music Education Concentration with Teacher
 Licensure, 125
 Music Performance Concentration, 129
 Music Minor, 133

N

National Alumni Association, 248
 New Student Orientation, 238
 Noncredit and Customized Training, 240
 Non-Degree Admission, 33
 Non-Discrimination, Policy of, inside front
 cover
 Non-Traditional Credit, 63
 Non-Traditional Merit Based Awards, 45
 Nuclear Medicine and Ultrasound Track, 195
 Nursing, 136, 251, 374
 Nursing, School of, 136

O

Occupational Studies, 442
 Off-Campus Instruction, 239
 Official Withdrawals, 47
 Online/Distance-Based Degree Programs, 239
 Organizational Forensics Minor, 435
 Out-of-State Fees, 37-38
 Out-of-State Residency, 35, 486
 Overload, 55

P

Parking, 258
 Part-Time Employment, 46
 Pass-Fail Grading, 57
 Payments, 41
 Pell Grant, 43
 Philosophy, 105, 377
 Philosophical Studies Minor, 107
 Photography Minor, 89
 Physical Chemistry Award, 251

Physical Education Activities, 380
 Physical Education Minor, 144
 Physics, 231, 380
 Physics and Astronomy, Department of, 231
 Physics Minor, 233
 PLUS Loans, 44
 Police, Campus 257
 Political Science, 149, 252, 385
 Political Science Minor, 150
 PONS!, 66
 Popular Culture Minor, 97
 PRAXIS, 179
 Preprofessional Programs,
 Agricultural Education, 190
 Dental Hygiene, 211
 Dentistry, 212
 Engineering, 233
 Food Technology, 191
 Forestry, 192
 Law, 152
 Medicine, 213
 Optometry, 201
 Pharmacy, 215, 216
 Physical Therapy, 201
 Professional Health, 202
 Veterinary Medicine Concentration, 187
 Wildlife, 193
 Prerequisites, 55
 President's Emerging Leaders Program (PELP),
 246
 Prior Credit Evaluation, 51
 Print and Web Journalism, 93
 Probation, 67
 Professional Education Minor, 126, 141, 151,
 178, 200, 210, 228
 Professional Organizations, 252
 Professional Studies, 433, 464
 Professional Studies Minor, 435
 Professional Writing Minor, 113
 Proficiency in English, 31
 Proficiency Examination, 62
 Programs of Study, 7, 77
 Protection of Rights and Privacy, 253-254
 Psychology, 152, 390
 Public Management and Criminal Justice, 435,
 478
 Public Management Minor, 436
 Public Relations Concentration, 96
 Public Safety, 257
 Purpose of the University Bulletin, 255

Q

Quality Points, 57
 Quantitative Methods, 396

R

Radiography Track, 196
 Radiologic Technology, 195, 396
 Reading, 399
 Readmission, 34
 Real Estate Minor, 165
 Records Complete, 74
 Red Mud Review, 249
 Refunds (see Fee adjustments), 41
 Regents Online Degree Programs, 239
 Registration, 54, 420
 Regulations for Classifying Students In-State
 or Out-of-State for the Purpose of Paying
 Fees and Tuition, 486
 Religious Studies Minor, 107
 Repeating a Course, 68
 Requirements, General Degree, 71
 Residence Halls, 39, 258
 Residency, 35
 Restaurant Management, 441
 R.N.-B.S.N. Program, 138
 Room and Board (see Housing)
 Room Reservation, 258
 ROTC (see Military Science)

S

Satisfactory Academic Progress, 51
 School of,
 Nursing, 136
 Technology and Public Management, 422
 Science, 400
 Science and Mathematics, College of, 181
 Second Concentration, 75
 Second Degree, 75
 Second Major, 75
 Secondary Education, 177
 Secondary Licensure, 172
 Senior Citizens, 34
 Servicemembers Opportunity Colleges (SOC),
 241
 Associate Degree (SOCAD-2), 241
 Bachelor's Degree (SOCAD-4), 242
 Services for the Disabled, 258
 Sickness and Accident Insurance, 257
 Small Business Center, 240
 Smoking and Clean Air, 255
 Social Work, 154, 400
 Sociology, 156, 405

Sororities, 247
 Spanish Specialization, 117, 408
 Spanish Minor, 120
 Special Education, 177, 410
 Special Fees, 39
 Special Programs of the University, 237
 Special Students, 34
 Sports Broadcasting Specialization, 95
 Statistics Specialization, 229
 Structured Learning Assistance, 238
 Student Affairs, Division of, 22
 Student Counseling Services, 256
 Student Government Association, 248
 Student Life, 247
 Student Organizations, 249
 Student Publications, 249
 Student Right to Know, 253
 Student Right to Know Act, 254
 Student Services, 256
 Student Support Services (TRIO), 241
 Student Teaching, 126, 128, 129, 141, 179
 Students with Disabilities, 258
 Studio Art Concentration, 85
 Studio Art Minor, 89
 Study Abroad and Exchange Programs, 242
 Substitutions for Required Course, 60
 Summer Welcome, 238
 Suspension, 67
 Sustainable Development Concentration, 188
 Swedish, 412

T

Teach Grant Program, 44
 Teacher Education, Admission to, 173
 Teacher Licensure, 102, 113, 125, 140, 151, 172, 179, 199, 209, 228, 232, 235
 Teaching Endorsements, Additional, 174
 Technology and Public Management, School of, 422
 Telephone and Web Directory, 11
 Tennessee Board of Regents (TBR), 489
 Tennessee Education Lottery Scholarships, 45
 Tennessee Higher Education Commission (THEC), 489
 Tennessee Hope Access Grant, 46
 Tennessee Hope Scholarship, 45
 Tennessee Small Business Development Center, 240
 Tennessee Student Assistance Award (TSAA), 44
 Testing as a Degree Requirement, 72
 Testing Services, 238
 Textbooks Fee, 40

Theatre Concentration, 97, 412
 Theatre Design Specialization, 98
 Theatre Minor, 100
 Theatre Performance Specialization, 98
 Theatre Teaching Concentration, 99
 TOEFL, 31, 35
 Tower, 249
 Traffic and Parking Regulations, 258
 Trahern Gallery, 22
 Transcript Requests, 40
 Transfer Applicants, 28
 Transferability of Credit, 59
 Transient Applicants, 33
 Tri-County Upward Bound, 241
 TRIO Programs, 241
 TRIO Student Support Services, 241
 Tuition (see Fees)
 Tutoring, 241

U

Undeclared Students, 53
 University Calendar, 13
 University Center, 258
 University Home Page, 1, 12, 491
 University Housing, 258
 University Liability, 255
 University Mission (see Institutional Mission)
 University Recreation, 249
 University Rights, 253
 University-Wide Degree Requirements, 71

V

Veterans Affairs, 42
 Veterans Benefits, 47
 Veterans Upward Bound, 241
 Visual Communications, 82

W

Weather, 56
 Weather Broadcasting Minor, 97
 Web Classes, 239
 Website Addresses, 1, 12, 491
 Wellness Promotion Specialization, 139
 Wilber N. Daniel African American Cultural Center, 247
 Withdrawal from the University, 58
 Women's and Gender Studies Minor, 133, 417
 Woodward Library, 21
 Work Study Program, 45

Buildings, Departments and Offices

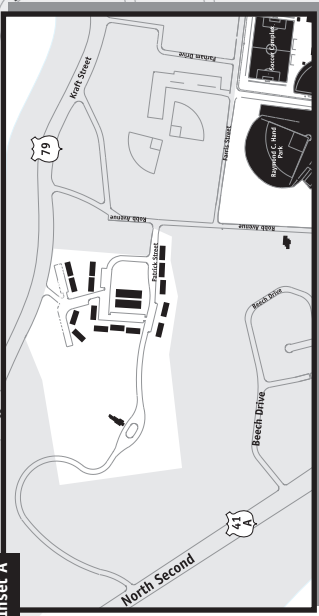
Clinical Teaching Experiences, Office of	CX, 228	Killebrew Hall	KH	Student Life & Leadership	MUC, 211
Coffee House, Einstein Bros Bagels	MUC, 216	Information Technology	BR, 12A	Student Newspaper (The All State)	MUC 115
College of Arts & Letters	HH, 127	Information Technology—Help Desk	FS, 322	Student Publications	MUC, 115
College of Behavioral and Health Sciences	MC, 212	Institutional Research & Effectiveness	EL, 214	TECTA	CX, 101
College of Business	KB, 104	Institutional Review Board	KB, 203	Telephone Services	BR, 133
College of Education	CX, 210	Internal Audit	EL, 224	Tennessee Small Business Center	MCR, 111
College of Education-Certification Analyst 1	CX, 206	International Education	BR, 109	Tennis, men's & women's	TC
College of Education-Certification Analyst 2	CX, 208	Languages & Literature	HH, 115	Testing Center	EL, 202
College of Graduate Studies	KB, 203	Learning Resource Center	CX, 104	The All State	MUC, 115
College of Science & Mathematics	HH, 132	Legal Affairs & Strategic Planning	BR, 151	Theater & Dance	TR, 208
Communication	MMMC, 173	Libray Felix Woodward Library)	LB	Tickets, Athletics	DU, 141
Community School of The Arts	MMMC, 137	Management & Marketing	KB, 104	Tickets, Creative Arts - Music & Theater	MMMC lobby
Computer Science & Information Technology	CX, 304	Mathematics	CX, 304	Title III Grant	MMMC lobby
Counseling Center	EL, 202	Meacham Apartments	MA	Track & Cross Country	325 Diane St.
Cross Hall	CRH	Medical Technology	SSC, D125	Transfer Center	DU, 317
Dining Services/Chartwells	MUC, 216	Middle College	MX	Tri-County Upward Bound	EL, 126
Disability Services	MUC, 114	Military Science & Leadership	MH, 110	TRIO Student Support Services	MCR, 210
Distance Education	MCR, 104	Miller Hall	ML	Two Rivers Apartments	EL, 337
Economics	KB, 104	Music	MMC, 139	University Advancement	EH
Education, College of	CX, 210	Music-Ticket Office	MMMC lobby	University Center, Information Desk	BR, 216
Educational Opportunity Center	EL, 333	New Student Programs	MX, 242	University Facilities	MUC lobby
Einstein Bros Bagels	MUC, 216	Noncredit Programs	MCR, 118	University Recreation	MUC, 207
Emerald Hill (apartments)	EH	Nursing, School of	MC, 218	Upward Bound (High School)	REC, 112
Employee Lounge	BR, 215	Office of the Registrar	EL, 316	Veterans Affairs	400 Ford St.
English as a Second Language	MCR, 202	Pace Alumni Center at Emerald Hill	PAC	Veterans Upward Bound	EL, 135
Enrollment Management & Academic Support	EL, 207	Pay Pod Convenience Store	MUC, 111	Volleyball-Women's	MCR, 212
Environmental Education Center* (Pickens Road - off campus)	EL, 207	PELP and Leadership Studies	CL, 215A	Water Education for Tennessee Teachers (W.E.T.T.)	DU, 178
Extended Education	MCR, 119	Physical Plant	SH, 101	WAPX-FM	SSC, D132
Finance & Administration	BR, 115	Physics & Astronomy	SSC, B332	Wesley Foundation	MMMC
Finance, Management & Marketing	KB, 104	Political Science	CL, 143	Wilbur N. Daniel African American Cultural Center	510 College St.
Financial Aid	EL, 216	Post Office	MUC, 119	Women's Studies	CL, 120
Food Court	MUC	President's Office	BR, 125	Zone 3	HH, 144
Football	DU, 227	Printing Services	LB, 124		HH, 139
Geographic Information Systems (GIS)	MC, 205	Psychology	CL, 205		
Geosciences	MC, 203	Public Relations & Marketing	BR, 206		
Golf - Men's	DU, 102	Public Safety/Campus Police	SH, 133		
Golf - Women's	DU, 176	Purchasing	SH, 122		
Govs I.D. Card Center	MUC info desk	Radio Station - WAPX	MMC, 181		
Graduate Admissions	KB, 203	Rawlins Hall	RH		
Graduate Studies, College of	KB, 203	Registrar, Office of the	EL, 316		
Grants & Sponsored Programs	MCR, 108	ROTC	MH, 110		
Greek Life	MUC, 208	School of Nursing	MC, 218		
Hand Village	HH	Science & Mathematics, College of	HH, 132		
Harvill Hall	HV	Sevier Hall	SVH		
Health Services	EL, 104	Shipping & Receiving	SH, 167		
Health & Human Performance	DU, 268	Soccer	DU, 228		
High School Upward Bound	FS, 400	Social Work	CL, 140		
Hispanic Cultural Center	MUC, 120	Social Work - DCS Grant	CL, 103		
History & Philosophy	HH, 340	Sociology	CL, 143		
Honors Program	HH, 142	Sorbball	DU, 228		
Housing/Residence Life	ML, 121	Sports Information	DU, 132		
Human Resources	BR, 7C	Student Affairs	MUC, 206		
Information Desk	MUC lobby	Student Government Association	MUC, 214		
Accounting	BR, 109	Clinical Teaching Experiences, Office of	CX, 228		
Academic Affairs	MX, 127	Coffee House, Einstein Bros Bagels	MUC, 216		
Academic Alert	MX, 112	College of Arts & Letters	HH, 127		
Academic Support Center	KB, 104	College of Behavioral and Health Sciences	MC, 212		
Accounting Services	BR, 134	College of Business	KB, 104		
Accounts Payable	BR, 148B	College of Education	CX, 210		
Accounts Receivable	BR, 140	College of Education-Certification Analyst 1	CX, 206		
Admissions	EL, 117	College of Education-Certification Analyst 2	CX, 208		
Affirmative Action	BR, 7C	College of Graduate Studies	KB, 203		
African American Cultural Center	CL, 120	College of Science & Mathematics	HH, 132		
African American Studies	CL, 318	Communication	MMMC, 173		
Agriculture	SSC, D232	Community School of The Arts	MMMC, 137		
Allied Health Sciences	SSC, D232	Computer Science & Information Technology	CX, 304		
Alumni Relations	PAC	Counseling Center	EL, 202		
Art	TR, 208	Cross Hall	CRH		
Arts and Letters, College of	HH, 127	Dining Services/Chartwells	MUC, 216		
Athletics	DU, 141	Disability Services	MUC, 114		
Athletics-Academic Services	DU, 201	Distance Education	MCR, 104		
Athletics-Ticket Office	DU, 141	Economics	KB, 104		
Athletics-Trainer	DU, 152	Education, College of	CX, 210		
Austin Peay Center @ Fort Campbell*	Fort Campbell, Ky.	Educational Opportunity Center	EL, 333		
Austin's Diner	CEH	Einstein Bros Bagels	MUC, 216		
Baptist Collegiate Ministry (BCM)	306 Diane St.	Emerald Hill (apartments)	EH		
Baseball	Raymond Hand Park	Employee Lounge	BR, 215		
Basketball-men's	DU, 129	English as a Second Language	MCR, 202		
Basketball-women's	DU, 231	Enrollment Management & Academic Support	EL, 207		
Behavioral and Health Sciences, College of	MC, 212	Environmental Education Center* (Pickens Road - off campus)	EL, 207		
Biology	SSC, D125	Extended Education	MCR, 119		
Blount Hall	BH	Finance & Administration	BR, 115		
Book & Supply Store	CEH	Finance, Management & Marketing	KB, 104		
Business, College of	BR, 134	Financial Aid	EL, 216		
Business Law, Economics, Gen. Bus. & Dec. Sciences	KB, 104	Food Court	MUC		
Business Office	MUC	Football	DU, 227		
Cafeteria	SH, 133	Geographic Information Systems (GIS)	MC, 205		
Campus Police	MUC, 210	Geosciences	MC, 203		
Career & Advisement Center	MUC, 112	Golf - Men's	DU, 102		
Catering Services	MUC, 216B	Golf - Women's	DU, 176		
Catholic Student Union*	744 Franklin St.	Govs I.D. Card Center	MUC info desk		
Center for Excellence in Teaching and Learning	KB, 143	Graduate Admissions	KB, 203		
Center of Excellence for Field Biology	SSC, D127	Graduate Studies, College of	KB, 203		
Center of Excellence for the Creative Arts	MMMC, 165	Grants & Sponsored Programs	MCR, 108		
Center of Excellence-Music Concert Theater	MMMC, 135	Greek Life	MUC, 208		
Center of Excellence-Music Ticket Office	MMMC lobby	Hand Village	HH		
Center of Excellence-Theater Ticket Office	TR, Lobby	Harvill Hall	HV		
Center of Excellence-Zone 3	HH, 304	Health Services	EL, 104		
Cheerleaders	DU, 141	Health & Human Performance	DU, 268		
Chemical Engineering Technology	SSC, A308	High School Upward Bound	FS, 400		
Chemistry	SSC, A308	Hispanic Cultural Center	MUC, 120		
Child Learning Center	SSC, A308	History & Philosophy	HH, 340		
Christ Centered Student Community (CCSC @ APSU)	SSC, A308	Honors Program	HH, 142		
College Street	SSC, A308	Housing/Residence Life	ML, 121		
		Human Resources	BR, 7C		
		Information Desk	MUC lobby		

*Off-campus location not shown on map.

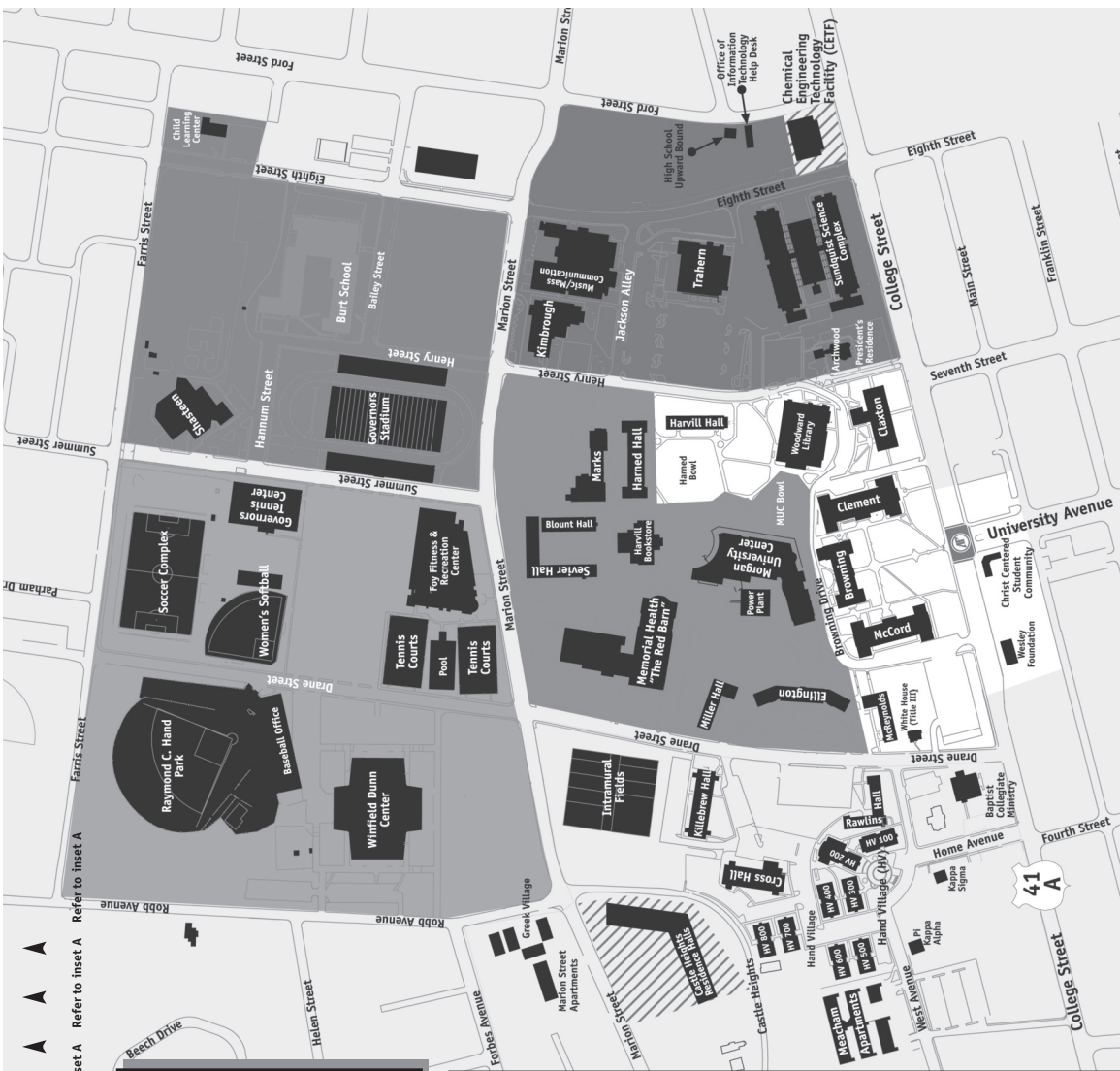
Special Note:

This map is accurate as of its publishing date. Changes may have occurred since publication. For the latest updates, go to www.apsu.edu.

Inset A



Refer to inset A Refer to inset A Refer to inset A Refer to inset A Refer to inset A Refer to inset A Refer to inset A Refer to inset A



Building names and abbreviations But colors indicate the area in which each building is located.

BBH	Blount Hall	MA	Meacham Apartments
BR	Browning	MC	McCord
CEH	Administration Building	MCR	McReynolds
	Gatherine Evans	MH	Memorial Health (The Red Barn)
	Harvill Building	ML	Miller Hall
CEFF	Chemical Engineering Technology Facility	MMC	Music/Mass Communication
CL	Clement	MUC	Morgan University Center
CRH	Cross Hall	MX	Marks
DX	Claxton	PAC	Pace Alumni Center at Emerald Hill
DR	Drane Street	PP	Power Plant
DU	Winfield Dunn Center	REC	Foy Fitness and Recreation Center
EH	Emerald Hill Apartments	RH	Rawlins Hall
EL	Ellington	SH	Shasteen
FC	Austin Peay Center @ Fort Campbell*	SSC	Sundquist Science Complex
FS	Ford Street	SVH	Sevier Hall
HV	Hamed Hall	SX	Sexton (Child Learning Center)
HV/H	Hand Village	TC	Tennis Center
KB	Kimbrough	TR	Trahern
KH	Killebrew Hall		
LB	Library (Woodward Library)		

*Off-campus location not shown on map.



Office of the Registrar
Ellington Building
Clarksville, TN 37044
www.apsu.edu