



$$c^2 + 4\left(\frac{ab}{2}\right) = (a+b)^2$$

$$c^2 + 2ab = a^2 + 2ab + b^2$$

$$c^2 = a^2 + b^2$$



2003-04  
Undergraduate Bulletin

**AP** Austin Peay  
State University



*John Dryden*  
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*Alexander Pope*  
*Jonathan Swift*  
*Samuel Johnson*

Undergraduate Bulletin of  
Austin Peay State University  
Clarksville, Tennessee 37044  
Information: (931) 221-7011

Austin Peay State University is one of 46 institutions in the Tennessee Board of Regents system, the seventh largest system of higher education in the nation. The Tennessee Board of Regents is the governing board for this system which is comprised of six universities, 14 two-year colleges, and 26 Technology centers. The TBR system enrolls more than 80 percent of all Tennessee students attending public institutions of higher education.

Austin Peay State University, under the control of the Tennessee Board of Regents, is a regional university organized as the College of Arts and Letters, the College of Professional Programs and Social Sciences, the College of Science and Mathematics, the College of Graduate Studies and the School of Technology and Public Management.

Austin Peay State University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097; Telephone number 404-679-4501) to award the degrees of Associate of Applied Science, Associate of Science, Bachelor of Arts, Bachelor of Business Administration, Bachelor of Fine Arts, Bachelor of Science, Bachelor of Science in Professional Studies, Bachelor of Science in Nursing, Master of Arts, Master of Music, Master of Science, Master of Arts in Education, and the Education Specialist. A non-credit Extended Education program is offered also.

In addition, the preparation programs for elementary and secondary teachers, elementary and secondary principals and supervisors, school counselors, and school psychologists are accredited by the National Council for the Accreditation of Teacher Education through the master's degree level. The University is also a member of the National Association of Schools of Music. The Bachelor of Science Degree in Nursing is approved by the Tennessee Department of Health-Board of Nursing and Accredited by the National League for Nursing Accrediting Commission. Social Work is accredited by the Council on Social Work Education. The Medical Technology program is accredited by the National Accrediting Association for Laboratory Science. All baccalaureate programs in Art are accredited by the National Association of Schools of Art and Design.

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 for Field Services in Teacher Education  
Association of Intercollegiate Athletics for Women  
Conference of Southern Graduate Schools  
Council of Colleges of Arts and Sciences  
Council of Graduate Schools  
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 Senior Advisor to the President for Diversity, Affirmative Action and Legal Affairs, Browning Building Room 119, telephone (931) 221-7572.



**UNDERGRADUATE  
BULLETIN**

**2003 - 2004**

**WWW.APSU.EDU**

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## Telephone and Web Directory

Academic Affairs .....	221-7676.....	<a href="http://www.apsu.edu/academics/staff.htm">www.apsu.edu/academics/staff.htm</a>
Admissions .....	221-7661 .....	<a href="http://www.apsu.edu/admissions/">www.apsu.edu/admissions/</a> or Toll Free at 800-844-APSU (2778)
Affirmative Action .....	221-7572 .....	<a href="http://www.apsu.edu/affirm_action/">www.apsu.edu/affirm_action/</a>
Alumni .....	221-7979 .....	<a href="http://www.apsu.edu/alumni/">www.apsu.edu/alumni/</a>
Athletics .....	221-7903 .....	<a href="http://www.apsu.edu/athletics/">www.apsu.edu/athletics/</a>
Bookstore .....	221-7655 .....	<a href="http://www.apsu.edu/bookstore/">www.apsu.edu/bookstore/</a>
Business Office .....	221-7671 .....	<a href="http://www.apsu.edu/businessoffice/acctrec/">www.apsu.edu/businessoffice/acctrec/</a>
Career Services .....	221-7896 .....	<a href="http://www.apsu.edu/careers/">www.apsu.edu/careers/</a>
Child Learning Center .....	221-6234 .....	<a href="http://www.apsu.edu/clc/">www.apsu.edu/clc/</a>
Counseling & Testing .....	221-6162 .....	<a href="http://www.apsu.edu/counseling">www.apsu.edu/counseling</a>
Developmental Studies .....	221-7612 .....	<a href="http://www.apsu.edu/dsp_page/">www.apsu.edu/dsp_page/</a>
Disability Services .....	221-6230 .....	<a href="http://www.apsu.edu/disability/">www.apsu.edu/disability/</a>
	221-6278 for Voice/TDD	
Extended & Distance Education.....	221-7816.....	<a href="http://www.apsu.edu/ext_ed/">www.apsu.edu/ext_ed/</a>
Finance & Administration.....	221-7883.....	<a href="http://www.apsu.edu/fin_admin/">www.apsu.edu/fin_admin/</a>
Financial Aid .....	221-7907 .....	<a href="http://www.apsu.edu/financialaid/">www.apsu.edu/financialaid/</a>
Fort Campbell .....	221-1400 .....	<a href="http://www.apsu.edu/apfc/">www.apsu.edu/apfc/</a>
Graduate School .....	221-7414 .....	<a href="http://www.apsu.edu/cogs/">www.apsu.edu/cogs/</a>
Health Services .....	221-7107.....	<a href="http://www.apsu.edu/healthservices/">www.apsu.edu/healthservices/</a>
Honors Program.....	221-7714	<a href="http://www.apsu.edu/enrichmentprograms/Honors.htm">www.apsu.edu/enrichmentprograms/Honors.htm</a>
International Education .....	221-7175 .....	<a href="http://www.apsu.edu/iec/">www.apsu.edu/iec/</a>
Intramural Recreation .....	221-7564 .....	<a href="http://www.apsu.edu/intramurals/">www.apsu.edu/intramurals/</a>
President's Emerging Leaders Program		
	221-7566	<a href="http://www.apsu.edu/enrichmentprograms/PEL.htm">www.apsu.edu/enrichmentprograms/PEL.htm</a>
Probation & Suspension .....	221-7121 .....	<a href="http://www.apsu.edu/records/alpha.htm#p">www.apsu.edu/records/alpha.htm#p</a>
Public Relations .....	221-7459.....	<a href="http://www.apsu.edu/prandpubs">www.apsu.edu/prandpubs</a>
Public Safety .....	221-7786 .....	<a href="http://www.apsu.edu/police/">www.apsu.edu/police/</a>
Readmission .....	221-7661 .....	<a href="http://www.apsu.edu/admissions/">www.apsu.edu/admissions/</a>
Registration & Transcripts .....	221-7121 .....	<a href="http://www.apsu.edu/records/">www.apsu.edu/records/</a>
Residence Life .....	221-7444.....	<a href="http://www.apsu.edu/housing">www.apsu.edu/housing</a>
Student Affairs .....	221-7341 .....	<a href="http://www.apsu.edu/student_affairs/">www.apsu.edu/student_affairs/</a>
Student Development Center .....	221-6242	
Student Life & Leadership .....	221-7431 .....	<a href="http://www.apsu.edu/activities">www.apsu.edu/activities</a>
Student Support Services .....	221-6142 .....	<a href="http://www.apsu.edu/sss/">www.apsu.edu/sss/</a>
Veterans Affairs .....	221-7907 .....	<a href="http://www.apsu.edu/vaoffice/">www.apsu.edu/vaoffice/</a>

Area code is (931) unless otherwise designated:

\*All addresses are: Austin Peay State University, Clarksville, TN 37044.

University Home Page: [www.apsu.edu](http://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 Transitions (New Student Registration and Orientation) by reservation through the Office of Admissions. Accepted applicants will receive details about the orientation program.

### 2003 FALL SEMESTER, CAMPUS

- June 5, 6, 19, 20..... New Student Registration and Orientation for new transfer and freshmen students by reservation only
- July 24, 25 ..... New Student Registration for new transfer and freshmen students by reservation only
- July 31 - Thursday ..... Last day to accept applications from new or readmitted students
- Aug. 12 - Wednesday..... Last day for pre-registered students to pay fees
- Aug. 15 - Friday ..... Residence halls open
- Aug. 17 – Sunday..... Last Day to Receive 100% refund
- Aug. 17 - Sunday ..... Last day to claim residence hall assignment
- Aug. 18 - Monday ..... Classes begin
- Aug. 18 - 21 ..... Drop/Add through AP Web
- Aug. 18 - 21 ..... Late Registration
- Monday - Thursday
- Aug. 21 - Thursday ..... Last day to add a course
- Aug. 31 - Sunday..... 14th Day of classes; Last day to drop a course without record; Last Day to receive a 75% refund
- Sept. 1 - Monday ..... Holiday - Labor Day
- Sept. 5 - Friday..... Last day to apply for December 2003 graduation
- Sept. 15 – Monday..... Last Day to receive a 25% refund
- Sept. 29 - Monday ..... Last day to drop a course with an automatic grade of “W”
- Oct. 7 - Tuesday ..... Mid-Term
- Oct. 16, 17..... Fall Break - No Classes
- Oct. 27- Nov 7 ..... Advising and pre-registration for Spring 2004 Semester for currently enrolled students
- Nov. 7 - Friday ..... Last day to drop a course before the mandatory grade of “F” period
- Nov. 10 - Monday ..... Veteran’s Day - No Classes
- Nov. 27 - 28 ..... Holiday - Thanksgiving
- Dec. 5 - Friday ..... Last day of classes
- Dec. 8 - 12 ..... Final Examinations
- Dec. 12 - Friday ..... Commencement, 3:00 p.m., Dunn Center

Calendar dates are subject to revision. Refer to the applicable SCHEDULE OF CLASSES for the official calendar.



## 2003 FALL I, FORT CAMPBELL

- July 13 - Sunday ..... Last day to accept applications from new or readmitted students  
July 14 - 18 ..... Registration week  
July 20, Sunday ..... Last day to receive a 100% refund  
July 21 - Monday ..... Classes begin  
July 21 - 24 ..... Late Registration and Drop/Add  
July 24 - Thursday ..... Last day to add a course  
Aug. 3 - Sunday ..... 14<sup>th</sup> Day of Classes; Last day to drop a course without record;  
Last Day to receive a 75% refund  
Aug. 8 - Friday ..... Last day to drop a course with an automatic grade of "W"  
Aug. 22 - Friday ..... Last day to drop a course before the mandatory grade "F" period  
Sept. 1 - Monday ..... Holiday – Labor Day  
Sept. 15 - Monday ..... Last day of classes

## 2003 FALL II, FORT CAMPBELL

- Oct. 6 - Monday ..... Last day to accept applications from new or readmitted students  
Oct. 6 -10 ..... Registration week  
Oct. 13 - Sunday ..... Last day to receive a 100% refund  
Oct. 14 - Tuesday ..... Classes begin  
Oct. 14 - 17 ..... Late Registration and Drop/Add  
Oct. 17 - Friday ..... Last day to add a course; Last day for FC students to apply for  
December 2003 Graduation  
Oct. 27 - Monday ..... 14<sup>th</sup> Day of Classes; Last day to drop a course without record;  
Last Day to receive a 75% refund  
Oct. 31 - Friday ..... Last day to drop a course with an automatic grade of "W"  
Nov. 10 - Monday ..... Veteran's Day - No Classes  
Nov. 14 - Friday ..... Last day to drop a course before the mandatory grade "F" period  
Dec. 13 - Saturday ..... Last day of classes

Calendar dates are subject to revision. Refer to the applicable SCHEDULE OF CLASSES for the official calendar.

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## 2004 SPRING SEMESTER, CAMPUS

- Dec. 12 - Friday ..... Last day to accept applications from new or readmitted students  
(Applicants after December 12 will be required to register late)
- Jan. 8 - Thursday ..... Last day for pre-registered students to pay fees
- Jan. 9 - Friday ..... Residence halls open
- Jan. 11 - Sunday ..... Last day to claim residence hall assignments;  
Last day to receive a 100% refund
- Jan. 12 - 15 ..... Late Registration and Drop/Add through AP Web
- Jan. 12 - Monday ..... Classes begin
- Jan. 15 - Thursday ..... Last day to add a course
- Jan. 16 - Friday ..... Last day to apply for May graduation
- Jan. 19 - Monday ..... Holiday - Martin Luther King, Jr. Birthday
- Jan. 25 - Sunday ..... 14th day of classes; Last day to drop a course without record;  
Last day to receive a 75% refund
- Feb. 9 - Monday ..... Last day to receive a 25% refund
- Feb. 23 - Monday ..... Last day to drop a course with an automatic grade of "W"
- Mar. 10 - Wednesday ... Mid-Term
- Mar. 20 - 27 ..... Spring Break
- Feb. - Apr. .... Senior Exit Exam for Bachelor degrees (dates to be announced)
- Mar. 29 - Apr 9 ..... Advising and pre-registration for 2004 Summer Term and  
Fall Semester
- Apr. 2 - Friday ..... Last day to drop a course before mandatory grade of "F" period
- April 9 - Friday ..... Holiday - Good Friday
- May 5 - Wednesday ..... Last day of classes; Last day to pay fees for May graduation
- May 6 - Thursday ..... Study Day
- May 7, 10 - 13 ..... Final Examinations
- May 14 - Friday ..... Commencement, 2:00 p.m., Dunn Center

Calendar dates are subject to revision. Refer to the applicable SCHEDULE OF CLASSES for the official calendar.

## 2004 SPRING I, FORT CAMPBELL

Jan. 2 - Friday ..... Last day to accept applications from new or readmitted students  
Jan. 5 - 9 ..... Registration week  
Jan. 11 - Sunday ..... Last day to receive a 100% refund  
Jan. 12 - Monday ..... Classes begin  
Jan. 12 - 15 ..... Late Registration and Drop/Add  
Jan. 15 - Thursday ..... Last day to add a course  
Jan. 25 - Sunday ..... 14<sup>th</sup> Day of Classes; Last day to drop a course without record;  
Last Day to receive a 75% refund  
Jan. 23 - Friday ..... Last day to drop a course with an automatic grade of "W"  
Feb. 6 - Friday ..... Last day to drop a course before the mandatory grade "F" period  
Feb. 20 - Friday ..... Last day for FC students to apply for May Graduation.  
March 20 - Saturday ..... Last day of classes/Exams

## 2004 SPRING II, FORT CAMPBELL

April 2 - Friday ..... Last day to accept applications from new or readmitted students  
April 5 - 8 ..... Registration week  
April 11 - Sunday ..... Last day to receive a 100% refund  
April 12 - Monday ..... Classes begin  
April 12 - 15 ..... Late Registration  
April 15 - Thursday ..... Last day to add a course  
April 25 - Sunday ..... 14<sup>th</sup> Day of Classes; Last day to drop a course without record;  
Last Day to receive a 75% refund  
April 30 - Friday ..... Last day to drop a course with an automatic grade of "W"  
May 13 - Thursday ..... Last day to drop a course before the mandatory grade "F" period  
June 15 - Tuesday ..... Last day of classes/Exams

Calendar dates are subject to revision. Refer to the applicable SCHEDULE OF CLASSES for the official calendar.

## 2004 SUMMER SESSION I, CAMPUS

- May 21 - Friday ..... Last day to accept applications from new or readmitted students  
(Applicants for Summer I after May 21 will be required to register late)
- May 26 - Wednesday .... Last day for pre-registered students to pay fees
- May 28 - Friday ..... Registration
- May 28 - Friday ..... Residence halls open
- May 30 - Sunday ..... Last day to receive a 100% refund
- May 31 - Monday ..... Classes begin
- May 31 - June 1 ..... Late Registration
- June 1 - Tuesday ..... Last day to add a course
- June 6 - Sunday ..... 14<sup>th</sup> day of classes; Last day to drop a course without record;  
Last day to receive a 75% refund
- June 9 - Wednesday ..... Last day to receive a 25% refund
- June 11 - Friday ..... Last day to drop a course with an automatic grade of "W"
- June 18 - Friday ..... Last day to drop a course before the mandatory grade "F" period
- July 1 - Thursday ..... Last day of classes/Exams

## 2004 SUMMER SESSION II, CAMPUS

- June 29 - Monday ..... Last day to accept applications from new or readmitted students  
(Applicants for Summer II after June 29 will be required to register late)
- July 4 - Sunday ..... Residence halls open
- July 4 - Sunday ..... Last day to receive a 100% refund
- July 5 - Monday ..... Registration; Classes begin
- July 5 - 6 ..... Late Registration and Drop/Add
- July 6 - Tuesday ..... Last Day to pay fees/arrange for deferment for Summer II;  
Last day to Add course
- July 11 - Sunday ..... 14<sup>th</sup> day of classes; Last day to drop a course without record;  
Last day to receive a 75% refund
- July 14 - Wednesday ..... Last day to receive a 25% refund
- July 16 - Friday ..... Last day to drop a course with an automatic grade of "W"
- July 23 - Friday ..... Last day to drop a course before the mandatory grade of "F" period
- Aug. 6 - Friday ..... Last Day of classes/Exams

Calendar dates are subject to revision. Refer to the applicable SCHEDULE OF CLASSES for the official calendar.

**2004 FULL SUMMER SESSION, CAMPUS**

- May 21 - Friday ..... Last day to accept applications from new or readmitted students  
(Applicants for Full Summer after May 21 will be required to register late)
- May 28 - Friday ..... Residence halls open
- May 26 - Wednesday .... Last day for pre-registered students to pay fees
- May 28 - Friday ..... Registration
- May 30 - Sunday..... Last day to receive a 100% refund
- May 31 - Monday ..... Classes begin
- May 31 - June 1 ..... Late Registration and Drop/Add
- June 1 - Tuesday ..... Last day to add a course
- June 13 - Sunday ..... 14<sup>th</sup> day of classes; Last day to drop a course without record;  
Last day to receive a 75% refund
- June 25 - Friday..... Last day to receive a 25% refund
- July 16 - Friday ..... Last day to drop a course with an automatic grade of "W"
- July 23 - Friday ..... Last day to drop a course before the mandatory grade "F" period
- Aug. 6 - Friday ..... Last day of classes/Exams

Calendar dates are subject to revision. Refer to the applicable SCHEDULE OF CLASSES for the official calendar.



# THE UNIVERSITY COMMUNITY



Whether it be an advance in science, a novel approach to art or literature, or a new interpretation of past events, every achievement of learning is a synthesis of past and present. As an entering student at Austin Peay State University you will be encouraged to perform this sort of synthesis. It will be your task to use the knowledge of the past to create your own knowledge of the present.

During your years at the University, you will be exposed to knowledge in several areas. One or more of these disciplines will kindle your interest. Perhaps this will be a subject which has always fascinated you, and

in which the University can help you pursue in some depth. Perhaps a new subject will open up to you and overwhelm your previous interests. In any case, if you let it, that spark of interest can flare into either a vocation or a satisfying avocation.

You will have two principal sources of counsel to help you profit from your years at Austin Peay. One will be a faculty member who will be your academic advisor, helping you select the best program of study and plan your schedule of courses. The other will be this BULLETIN, which will explain the requirements and regulations you should follow.

## MISSION STATEMENT

Austin Peay is Tennessee's designated comprehensive liberal arts institution and supports and promotes an atmosphere that is unusual at a public university. In ways similar to those of a private institution, Austin Peay nurtures learning and personal growth through small classes, close student/faculty interaction, and personal attention by the support staff. The university respects the voice and value of every member of its learning community. Students, faculty, and staff from throughout the world enrich the liberal arts experience. This rich variety of thought and life experience fosters a deeper understanding of our own and other cultures.

Undergraduate programs in the liberal arts and sciences and in pre-professional and professional programs are the nucleus of the university. Curricula promote critical thinking, communication and information skills, leadership, and a commitment to lifelong learning. The liberal arts core provides for all students a broad, multicultural foundation in literature, the arts, history, mathematics, and the natural and behavioral sciences. Graduate programs serve the needs of the region and provide advanced experiences for students preparing for doctoral studies. The graduate programs demand a superior level of academic achievement requiring scholarship, independent judgment, academic rigor, and intellectual honesty.

The educational experience is complemented and expanded through creative use of technology, interdisciplinary programs, team teaching, cooperative learning, community services, international programs, and collaborative research between faculty and students. Co-curricular experiences provide each student with resources and guidance that enhance academic success, further career goals, and promote intellectual and personal growth. The university provides programs to help students clarify values, develop physical well-being, work independently and collaboratively, and participate in shared governance.

Centers of Excellence in the Creative Arts and Field Biology as well as Chairs of Excellence provide unique learning opportunities. Both the main campus and the Austin Peay Center at Fort Campbell serve a diverse student body with complete academic programs. Off-campus and distance learning facilities offer curricula to expand the reach of the university to populations not easily served on traditional campuses. The university enriches the traditional instructional program through close interaction with the surrounding community. The university provides programs, services, and facilities that contribute significantly to the intellectual, economic, social, and cultural development of the region.

Austin Peay remains committed to the education of a non-racially identifiable student body and promotes diversity and access without regard to race, gender, religion, national origin, age, disability, or veteran status.

## VISION STATEMENT

Austin Peay State University, as a community of learners focusing on the academic, aesthetic, and personal development of its students, aspires to

become nationally recognized as an excellent comprehensive liberal arts university that contributes significantly to the intellectual, economic, social, and cultural life of the region.

## EDUCATIONAL GOALS

The general objective of the University is to produce educated men and women equipped to use their abilities productively and wisely. The curricula of the University are routes to intellectual maturity and means to the development of ideas, insights, values, and competencies, which form a permanent personal capacity for thought and action. The University does not claim that it will develop educated men or women. It does claim it will provide the opportunity and the favorable conditions for students to construct their own education and to acquire the means of making self-education the rewarding enterprise of a lifetime, enabling them to become effective agents of social change.

Given this opportunity at the University, each student should develop, at an appropriate level:

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

These are the marks of an educated man or woman, and it is the aim of the University to challenge and assist in their attainment. To this end Austin Peay State University is committed to the integration of human learning functions and to an orderly educational sequence.

## HISTORY

Austin Peay State University is located on an urban campus that for over 180 years has been used for educational purposes and on which the buildings of five colleges have stood:

Rural Academy.....	1806 - 1810
Mt. Pleasant Academy .....	1811 - 1824
Clarksville Academy.....	1825 - 1848
Masonic College.....	1849 - 1850
Montgomery County	
Masonic College.....	1851 - 1854
Stewart College .....	1855 - 1874
Southwestern Presbyterian	
University.....	1875 - 1925

The University began as Austin Peay Normal School when it was created as a two-year junior college and teacher-training institution by Act of the General Assembly of 1927 and named in honor of Governor Austin Peay, who was serving his third term of office when the school was established. Limited in purposes and resources initially, the school gradually grew in stature over the years to take its place among the colleges and universities under the control of the State Board of Education.

In 1939, the State Board of Education authorized the school to inaugurate a curriculum leading to the Bachelor of Science degree. The degree was first conferred on the graduating class at the 1942 Spring Convocation. By Act of the Tennessee Legislature of February 4, 1943, the name of the school was changed to Austin Peay State



College. In 1951, the State Board authorized the College to confer the Bachelor of Arts degree and, in 1952, to offer graduate study leading to the degree of Master of Arts in Education. At the November 1966 meeting, the State Board of Education conferred university status on the College, effective September 1, 1967. In February 1967, the State Board of Education authorized the University to confer the Master of Arts and the Master of Science degrees. In 1968, associate degrees were approved. The State Board of Education relinquished its governance of higher education institutions to the Tennessee State Board of Regents in 1972. In 1974, the Tennessee State Board of Regents authorized the Bachelor of Fine Arts and the Education Specialist Degrees. In 1979, the Bachelor of Business Administration degree was approved as a replacement for traditional B.A. and B.S. degrees in various fields of business. In 1979, the Bachelor of Science in Nursing degree was approved. In 1983, the Tennessee State Board of Regents approved the Master of Music degree, and Master Arts in Education. In 2001, the Tennessee State Board of Regents authorized the Bachelor of Professional Studies.

During its history, eight presidents and three acting presidents have served the institution:

John S. Ziegler.....	1929 - 1930
Philander P. Claxton .....	1930 - 1946
Halbert Harvill.....	1946 - 1962
Earl E. Sexton (acting)	
.....	September-December 1962
Joe Morgan.....	1963 - 1976
Robert O. Riggs.....	1976 - 1987
Oscar C. Page.....	1988 - 1994
Richard G. Rhoda (Interim)	
.....	July-October 1994
Sal D. Rinella.....	1994 - 2000
Sherry L. Hoppe (Interim) .....	2000 - 2001
Sherry L. Hoppe.....	2001 - Present

## ACCREDITATION

Austin Peay State University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097; Telephone number 404-679-4501) to award associate, baccalaureate, master's and education specialist degrees. In addition, the teacher preparation programs of the University are accredited by the National Council for the Accreditation of Teacher Education for the preparation of elementary and secondary teachers through the master's degree level. Preparation programs for elementary and secondary principals and supervisors, school counselors, and school psychologists are also accredited by the National Council for the Accreditation of Teacher Education at the master's degree level. The Bachelor of Science in Nursing Degree is approved by the Tennessee Department of Health – Board of Nursing and accredited by the National League for Nursing Accrediting Commission. Social Work is accredited by the Council on Social Work Education. The Medical Technology program is accredited by the National Accrediting Association for Laboratory Science. The University is an accredited institutional member of the National Association of Schools of Music. All baccalaureate programs in Art are accredited by the National Association of Schools of Art and Design. The Chemistry program is approved by the American Chemical Society. The School of Business has established as an objective additional accreditation by the American Assembly of Collegiate Schools of Business.

Accreditation assures that the student is enrolled at an institution approved by the region's accrediting associations. Credits earned at Austin Peay State University may be submitted to other accredited institutions of higher learning and be accepted, if they are appropriate to the designated curriculum. Accreditation also means that the degree earned at the University is fully recognized throughout the nation.

## CHAIRS OF EXCELLENCE

### The Roy Acuff Chair of Excellence in the Creative Arts

The Chair was established in 1986 and named in honor of the late country music legend Roy Acuff. This chair brings nationally and internationally renowned artists/scholars to the Austin Peay campus for semester-long residencies in the arts, alternating annually among the four areas of art, creative writing, music, and theatre, with whom APSU students can study and work.

### Foundation Chair of Excellence in Free Enterprise

The Chair was established in 1987 to bring nationally recognized scholars to address current issues relative to free enterprise. The chair holder teaches, presents seminars, and directs economic and regional research. The Chair was funded with the support of the APSU Foundation and Aspire 2000.

### Harper-Bourne Chair of Excellence

The Chair was established in 1987 and partially funded by Amelia Harper Lay Hodges and the APSU Foundation in honor of Dorothy Harper and James and Myrtis Borne. The chair holder teaches, presents seminars, and continues to research and publish in his/her area of special expertise.

### Lenora C. Reuther Chair of Excellence in Nursing

The Chair was established in 1993 and named in honor of the late Ms. Reuther. The chair holder is a person with nationally-recognized abilities and accomplishments in the field of nursing who has published widely and is a productive grants writer. The chair holder serves as a tenure-track professor and will enhance the School of Nursing by initiating innovative endeavors, providing staff development for faculty, and exemplifying expertise to students and faculty.

## FELIX G. WOODWARD LIBRARY

*Web Address: [library.apsu.edu/](http://library.apsu.edu/)*

Named in honor of a former Austin Peay State University Professor and Dean of the Faculty, the Felix G. Woodward Library was built in 1969 and renovated in 1986. Consisting of three floors, the Library has a seating capacity of 500. The print collection numbers 333,000, including books, special collections, periodicals, and federal government documents. The collection also includes 3,400 full-text electronic periodicals, 18,600 e-books, 6,800 audio-visuals and 633,000 microforms. Felix G. Cat, the Library's online catalog, provides access to all the books, periodicals, audio-visuals, and selected government publications in the Library. Interlibrary loan services, which permit students and faculty to borrow materials from other libraries throughout the United States, are also available.

Austin Peay students and faculty have onsite and remote access to numerous Internet and other electronic resources and databases via the Library's homepage: <http://library.apsu.edu>. The Library has 18 InfoStations to access databases and the Internet, as well as a fully equipped Library Instruction and Computer Room (LICR) with 24 networked-computers. LICR computers are available for student access when not in use for Library Instruction.

Professionally-trained librarians provide reference service, both in person and online, teach Bibliographic Instruction classes independently and in collaboration with other faculty, and reinforce classroom learning by assisting students with doing research and teaching them the information literacy skills they need to become lifelong learners and function well in the workplace and in an information-rich society.

## ART GALLERIES

All Art Galleries on campus are open to the public with no admission charge.

### Trahern Gallery of Art

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 a.m. - 4 p.m. Monday through Friday, 10 a.m. - 2 p.m. Saturday, and 1 – 4 p.m. Sunday (closed on holidays). Contact the Department of Art at (931) 221-7333 for more information.

### Gallery 108

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. Contact the Department of Art at (931) 221-7333 for more information.

### Mabel Larson Fine Arts Gallery

The Mabel Larson Fine Arts Gallery is located on the first floor of Harned Hall. Opened officially in 1994, this gallery features selections from the APSU permanent art collection. Gallery hours: 8 a.m. - 4 p.m. Monday through Friday. Contact the Art Galleries office at (931) 221-7334 for more information.

## UNIVERSITY HOUSING

*Web Address: [www.apsu.edu/housing/](http://www.apsu.edu/housing/)*

The University believes that life in university housing provides students with an essential part of their educational experience. Living in a residence hall/apartment affords the student opportunities for involvement in campus activities, shared responsibilities and community experiences. Since the majority of the students' study and involvement patterns are formed early, the University requires that all full-time single 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 accommodation for approximately 1,400 students, including 300 new beds opening Fall 2003. Single students are housed in residence halls, generally two to a room, or Meacham Apartments, four to an apartment, under the supervision of a professional and student staff. Also available for campus housing are our Honor housing in both Harvill Hall and Two Rivers Apartments. Harvill Hall rooms are available to all classifications with a 3.0 GPA or higher. Incoming freshmen must have a 25+ ACT score on file with the university to qualify for reservation in Harvill Hall. Two Rivers Apartments are reserved for any Junior, Senior, or Graduate student with a grade point average of 3.0 or higher and no formal disciplinary record. Regulations governing certain aspects of student conduct are prescribed for all students living in residence halls or apartments.

All resident students provide their own bed linens, towels, telephones, and other personal accessories and are responsible for the care and cleaning of their rooms. Laundry facilities are available in all residence halls. Internet, cable in-house movie/information channel and telephone service are provided. One, two and three- bedroom apartments are available for married students, single parents with dependent children, or non-traditional students.

Application for University Housing should be made with the Office of Housing/Residence Life, located on first floor of Miller at the same time application for admission to the University is made. The request for room reservation must be accompanied by a room reservation deposit of \$100.00. This deposit is refundable pending no contract violation, damages to room or apartment, or outstanding University balance.

Housing contracts are for the full academic year (fall and spring semesters) and renewed annually. Please refer to Housing License Agreement for refund policies and deadlines (also see pages 6, 8, 10, 11).

## STUDENT SERVICES

Web Address: [www.apsu.edu/student\\_affairs/](http://www.apsu.edu/student_affairs/); [www.apsu.edu/records/](http://www.apsu.edu/records/)

### AP WEB

Students may apply, register, pay fees, obtain grades, order student transcripts, and obtain information on admissions, financial aid and veteran services by accessing AP WEB at <https://apweb.apsu.edu/>. Specific information on application status for admission, assessment (COMPASS), financial aid awards, housing, and veterans' benefits is also available on AP Talk.

### AP TALK

Students may register, pay fees, obtain grades, order student transcripts, and obtain information on admissions, financial aid, housing, and veterans services by calling AP Talk, the voice response system, telephone (931) 221-7000, or 1-800-844-APSU (2778) for admissions information only. Specific information on application status for admission, assessment (COMPASS), financial aid awards, housing, and veterans' benefits is also available on AP Talk.

### CAREER RESOURCE CENTER

The Career Resource Center is located on the main floor of the Morgan University Center, Room 208E. The office provides a variety of resource information and programs to assist students and alumni in their pursuit of career-related employment or admission to graduate school. These services and programs include employability skills, resume development, placement credentials, career-related job fairs, on-campus recruiting, career resource materials, full-time/part-time job listings, and a web site link with job listings, career planning, graduate school, and career-related information.

### CHILD LEARNING CENTER

The Child Learning Center (CLC), a department of the Division of Student Affairs, serves children ages 6 weeks to 2 years in the infant/toddler program and children ages 2 to 5 years in the preschool program Children of APSU students, staff, and faculty, alumni, and 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 campus with an additional satellite class in the Emerald Hill Family Housing Complex. 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.

### COUNSELING SERVICES

Counseling services are provided by the Counseling & Testing Center in the Ellington Building, room 202. Services are provided to promote student learning in cultural, emotional, intellectual, social and spiritual development. Personal counseling sessions may be scheduled for a variety of issues, including: adjustment to college, depression or anxiety, relationship issues, study skills, stress management, low self-esteem, grief and sexuality. The primary counseling staff is licensed professionals. Students may call (931) 221-6162 for an appointment.

### NEW STUDENT ORIENTATION

A structured new student orientation and registration program ("Transitions") is designed to initiate the first year at APSU and to orient students to the campus. All new (freshman and transfer) students need to participate to facilitate an easy transition to collegiate life.

Upon admission to Austin Peay, new freshman and transfer students will be sent an invitation to participate in "Transitions". The program provides students the opportunity to address several issues related to making the transition to the collegiate experience. Also, students will meet with an advisor, pre-register for classes, visit service offices and departments on campus, and meet with experienced upper-class students. For further questions, contact the Office of Student Affairs, (931) 221-7341.

### PUBLIC SAFETY - CAMPUS POLICE

The APSU Campus Police station is open and manned 24 hours a day, and is located in the

Shasteen Building. Officers patrol the campus by automobile, bicycle, and on foot. The cadre of police officers on campus attend a state police academy and are otherwise certified and trained to state standards. On campus, and on roads and grounds contiguous to APSU, 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, 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 and only while on campus, dial 4848.

### HEALTH SERVICES

The University maintains a health service with standards set by The Southern Association of Colleges and Schools and American College Health Association. The A.R. Boyd Health Services is an outpatient clinic on the campus, with either a Board Certified Family Practice Physician or a Board Certified Family/Adult Nurse Practitioner on site. Services are provided for APSU students, staff and faculty. Staff and faculty seeking services through the clinic are required to pay an access fee each semester.

Minor illnesses may be treated in the clinic without 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.

### SICKNESS AND ACCIDENT INSURANCE

The University has contracted to provide, on a voluntary basis, sickness and accident insurance. An excellent 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, Ellington Student Services Building. Boyd Health Services staff as well as the Division of Student Affairs strongly encourages students to have comprehensive health insurance 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:

1. Develop policies related to the services and activities for students with disabilities, faculty, and staff on campus;
2. Monitor questions relative to procedures and access; and,

3. Make recommendation 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.

## STUDENT LIFE

*Web Address: [www.apsu.edu/activities/](http://www.apsu.edu/activities/)*

Austin Peay State University believes the educational experience of the student is enhanced through involvement in activities outside of the classroom environment. The role and mission of the Division of Student Affairs is to create an environment conducive to the growth and personal development of all students. Specifically, the departments represented in the Division of Student Affairs will provide programs and services that enhance intellectual, cultural, social, vocational, physical, psychological, and spiritual growth. These programs and services are designed to promote a sense of community for a diverse student population.

The Division of Student Affairs is represented in its mission by the following departments: Office of Student Affairs, Child

## TUTORING

Tutoring services are available through various departments at the University. For additional information, contact the Learning Center in the Morgan University Center, Room 114, (931) 221-6242, or visit the website at <http://www.apsu.edu/learn-center>.

## UNIVERSITY CENTER

The Morgan University Center is the center of the 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: University Center Operations, Student Life and Leadership, Student Development, Career Resource Center, the Learning Center, Student Publications, campus Post Office and the Student Government Association.

Besides the offices listed, the Morgan University Center includes a computer lab, coffee shop and meeting rooms. The center is the center of student life and you will find regular events and programs scheduled throughout the day as a way to relax and refresh from your academic studies.

Learning Center, Career Resource Center, Counseling and Testing, Disability Services, Housing and Residence Life, University Recreation, Student Life and Leadership, Student Development Services, the Learning Center, and Student Health Services. Each of the departments incorporates human and student development philosophies in their programs and services. Listed below are some of the opportunities that are available for students to enhance their educational experience.

## GREEK ORGANIZATIONS

The Greek organizations are members of the National Panhellenic Conference, the National Pan-Hellenic Council, or the National InterFraternity Conference. Campus chapters are

members of representative governing bodies that promote leadership development, excellence in scholarship, community service, and positive inter-Greek relationships.

Greek Organizations are active participants in University programs, activities, and special events, and are well known and respected for their many volunteer, service, and fund-raising contributions to the local community and to national philanthropies. A high percentage of campus student leaders are members of sororities and fraternities at Austin Peay. Membership in Greek organizations is the result of a selection process, known either as "Intake" or "Recruitment."

### 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 (I-AA non-scholarship in the Pioneer Football League), basketball, baseball, golf, tennis, and cross country and women's teams in volleyball, basketball, tennis, cross country, rifle, softball, golf, indoor and outdoor track, and soccer.

### UNIVERSITY RECREATION

The Office of University Recreation sponsors programs and activities for students, faculty, and staff of the University. Presently, the following activities are provided with plans to expand the programs and activities to accommodate student, faculty, and staff needs and interests: Flag football, basketball, softball, racquetball, volleyball, ultimate Frisbee, and soccer. In addition to these competitive intramural activities, the Office of University Recreation offers the following: open recreational play, recreational swimming, wellness promotion programs, group exercise classes, and equipment check-out. Schedules of dates and times of programs and activities are available through the Office of University Recreation or visit the website at <http://www.apsu.edu/intramurals/>.

Austin Peay State University and the Office of University Recreation assume no responsibility or liability for injuries occurring during department programs and activities, including team intramural sports and the use of facilities. Participants are strongly urged to consult their physician to determine whether they are physically fit to engage in department programs and activities prior to participation. Participants are strongly urged to carry medical insurance.

### MULTICULTURAL PROGRAMS AND SERVICES

Multicultural programs and services are infused throughout various offices at Austin Peay State University. These programs and services provide activities, scholarships, counseling, mentoring, tutoring, workshops, social interactions and special events for students from various cultures. The goal of these efforts is to increase the retention and graduation rate of students of color, to include, but not limited to Native Americans, Asian/Pacific Islanders, African Americans and Hispanics by connecting with, caring for and communicating with undergraduate and graduate students and by creating a campus climate of respect and tolerance. For more information, contact the Office of Student Affairs at 221-7341.

### 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 and Annual Giving Office is located in the Pace Alumni Center at Emerald Hill.

### STUDENT GOVERNMENT ASSOCIATION

The purposes of the SGA are to expand and promote interest in student life; to facilitate expression of student opinion; to help define student responsibilities; and to foster, in every manner possible, student character, initiative, and leadership. The officers of the SGA consist of the president, vice-president, and the secretary, all of whom are elected and take office in the spring of each year.

The legislative branch and the Senate embrace a membership of popularly elected senators drawn from each college. The judicial branch, the Student Tribunal, consists of a selected chief justice and eight appointed associate justices who remain in office until they resign or discontinue their studies at the University. The Student Tribunal serves as the highest student court; it hears student appeals of parking violations. Some members serve on the University Hearing Board and hear cases involving violations of University regulations. This organization is advised by the Office of Student Affairs.

### STUDENT ORGANIZATIONS

More than 90 honor, professional, departmental, social, service and special interest groups are available to Austin Peay students. Information on these organizations and membership requirements is 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.

### STUDENT PUBLICATIONS

#### The All State

The University newspaper is student-run. It is edited by students, with the guidance of the student publication advisor. *The All State* is a publication for the expression of student opinion and a medium for dissemination of timely news relevant to the campus community. The weekly publication is under the supervision of the Student Publications Board. Information concerning the newspaper may be obtained from the Office of Student Affairs.

#### 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.

## 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.

#### Drane Award

The William McClure Drane Award is conferred at Fall and Spring Commencements 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 given annually by Delta Tau Alpha Agriculture Honor Society to the most outstanding freshman Agriculture major as chosen by faculty in Agriculture.

### **Art**

The US Bank, Tom Malone Studio Art, the Art Alumni, Dr. Carlos Brewer/Friends of Photography, Helena Haskell Marsh Letterpress, Claudell Wootton Art Education, and Jewel Birdsong Art Collections Scholarships are awarded to distinguished students in designated concentrations. Awards for outstanding graduating senior and outstanding freshman student majoring in art are also named annually. Center for Excellence in the Creative Arts funds are designated for work scholarships and to purchase student works from the annual Student Art Exhibit for the APSU permanent collection.

### **Biology**

Jennie M. 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 (name is

engraved on a plaque), and no monetary award is made.

### **Computer Science and Information Technology**

Graduating seniors with the highest average in 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**

Graduating senior with the highest achievement in the major field of engineering technology selected by engineering technology students.

### **Foreign Languages**

The Clarksville Community Ambassador Association Foreign Language Award for an outstanding freshman selected by the foreign language faculty.

### **Mathematics**

Graduating Senior voted most outstanding by the faculty in the major field of mathematics. This award is given by the Clarksville Kiwanis Club.

### **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: Outstanding Student Nurse by Tennessee Nurses Association District 3, Distinguished Senior Award by the Nursing Alumni Association, and three awards by the faculty for Academic Excellence, Caring, RN-BSN Leadership.

### Physics

The \$50 Laura Miller Woodward Award in Physics is given to a senior physics major by the faculty of the Department of Physics and Astronomy in honor and memory of Mrs. Felix G. Woodward.

### 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.

### School of Business

Graduating senior with the highest achievement in the major field of business given by the Wall Street Journal. Students with highest GPA within seven concentrations also receive awards.

## 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.

### Alpha Lambda Delta

Freshmen: requires superior academic achievement in all disciplines; promotes meaningful career goals

### Alpha Kappa Psi

Business majors: requires academic achievement and community service.

### Alpha Psi Omega

Interested students: recognizes distinguished service in theatre performance

### Beta Beta Beta

Biology majors: requires academic achievement; encourages scholarship and research

### Delta Tau Alpha

Agriculture majors and minors: requires academic achievement; encourages scholarship and interest in agriculture profession.

### Gamma Beta Phi

Freshmen: requires academic achievement in all disciplines; promotes service projects

### Laurel Wreath

Sophomores, Juniors, Seniors: requires superior academic achievement in all disciplines; promotes intellectual activities

### Omicron Delta Kappa

Juniors, Seniors: recognizes scholarship and leadership

### Order of Omega – Social Greek Organization

Juniors and Seniors: recognizes academic achievement, campus involvement, and high standard of leadership in inter-Greek activities.

### Phi Alpha

Social work majors; requires excellent scholarship in social work.

### Phi Alpha Theta

History students: requires academic achievement; encourages study of history.

**Pi Kappa Lambda Music Honor Society**

Junior and Senior Music Majors: recognizes outstanding scholarship and musicianship

**Phi Kappa Phi**

Juniors, Seniors, Faculty: requires superior academic achievement in all disciplines; encourages academic excellence

**Phi Mu Alpha**

Men Music majors: requires academic achievement; encourage creativity, performance, education, and research

**Pi Nu**

Spanish students: requires academic achievement; promotes interest in Hispanic and Spanish culture and literature

**Pi Sigma Alpha**

Political Science majors and minors: Juniors and Seniors who have excelled academically.

**Psi Chi**

Psychology majors: advances the science of psychology; encourages excellence in scholarship

**Sigma Alpha Iota**

Women Music majors: requires academic achievement; advances scholarship and encourages participation

**Sigma Beta Delta**

Business majors: recognizes academic achievement, encourages and recognizes scholarship, and promotes personal and professional improvement

**Sigma Tau Delta**

English majors: requires academic achievement; promotes leadership, scholarship and participation.

**Sigma Pi Sigma**

Physics majors: requires academic achievement in Physics, encourages scholarship and research.

**Sigma Theta Tau**

Nursing majors: requires academic achievement; promotes leadership and advances scholarship

**STUDENT RIGHT TO KNOW**

**CODE OF STUDENT CONDUCT**

APSU students are citizens of the 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 violative 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 pursuit 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 local, state or federal laws, 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 alcohol abuse, or apparent physical 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, manners, 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;
6. To control and regulate the housing of students, both on-campus and off-campus;
7. To establish or institute honor systems and ethical practice codes;
8. To supervise the scheduling of meetings 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 above 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 ("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 of access, right to request amendment, and right 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 the consent of the student. Directory information includes the student's name, 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 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 Student Affairs in the Browning Building and the APSU Center @Fort Campbell. The student will be given this opportunity at the beginning of each academic term.

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 Student Affairs (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 30.4 percent. For information on the law and University policy and statistics, contact the Office of Institutional Planning and Analysis, telephone (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 or may be obtained from the Student Development Center.

## **SMOKING AND CLEAN AIR**

APSU promotes an environment free from tobacco by-products in buildings and vehicles where students, faculty, and staff are working, conducting seminars, research, discussions, etc., and at the same time recognize the right of those who choose to smoke (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 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. All claims should be filed with the Tennessee Claims Commission. Forms for such claims may be obtained in the University Affirmative Action Office. Members of the University faculty and staff may not be held liable unless personal negligence occurs.

## **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 always are 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 representation 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 institution, of course, cannot warrant that any student who completes a course or program of study will necessarily acquire specific 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.



# ADMISSIONS, ACADEMIC STANDARDS, FEES & FINANCIAL AID



## GENERAL REQUIREMENTS FOR ADMISSION

1. Applicants should submit applications for admission by the deadline specified in the SCHEDULE OF CLASSES. Applications must be completed and signed, and should be typed or in ink or submitted online at [www.apsu.edu/admissions](http://www.apsu.edu/admissions). A non-refundable, one-time application fee of \$15 is required. A late application may be submitted in accordance with regulations shown in the SCHEDULE OF CLASSES. Inquiries about admission to undergraduate study, as well as requests for applications for admission, should be addressed to Austin Peay State University, Office of Admissions, P.O. Box 4548, Clarksville, TN 37044, or requests may be made online at [www.apsu.edu/admissions](http://www.apsu.edu/admissions). This includes those students seeking admission to the Austin Peay Center @ Fort Campbell.
2. Applicants must provide evidence of high school graduation (an official transcript must be mailed directly from the high school); External Diploma Program (EDP), or a minimum GED average score of 45 (450 after January 2002), and subscores no lower than 40 (410 after January 2002). A special education diploma or high school certificate is not acceptable. Exceptions to this requirement are granted to those transfer applicants who have earned 60 or more semester hours of acceptable traditional credit prior to enrollment at APSU, graduated from high school prior to 1989, received a GED prior to 1989, or earned an associate of arts or science degree or baccalaureate degree.
3. Applicants must submit all academic credentials including complete records of all previous secondary schools or colleges attended, regardless of credit earned. These official transcripts must be mailed by the issuing institution directly to the Office of Admissions.
4. Transient students may be admitted to the University for one semester/term. These students must indicate their intent to be transient students on the application for admission, be currently enrolled at another college or university, and have their home college forward to the APSU Office of Admissions a letter of good standing or an official transcript.
5. All military personnel (active duty and veterans) must submit documents for military credit.\* The requirements for full admission must be completed prior to enrollment for the second semester/term.

<u>Branches</u>	<u>Documents Needed</u>
Army	AARTS transcript or DD Form 295
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
US Marine Corp	ITSS MATMEP or SMART
US Military Reserves	Enlistment contract 4-1 or 4-2 or DD Form 2586
Veterans (Retired Or Discharged)	DD Form 214 Member Copy 4 or Discharged with characterization of service

6. 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 Student Health Services at (931) 221-7107.
7. Applicants 21 years of age or older who do not plan to pursue a degree at APSU may be authorized to enroll as Special Students.
8. Applicants other than those specified in the following sections on admission must submit scores on the American College Test (ACT - APSU institution code = 3944) or Scholastic Aptitude Test (SAT - APSU institution code = 1028) as well as any other test which the University may wish to administer for purposes of educational advisement.

\* All military credit transcripts must be sent directly from the issuing agency, except for DD Form 214. Faxed copies are not acceptable.



## ADMISSIONS POLICIES AND PROCEDURES

### ADMISSION OF FIRST-TIME-IN-COLLEGE (FRESHMAN) DEGREE STUDENTS

Applicants must present evidence of graduation from high school; External Diploma Program (EDP); or, submit a minimum GED Standard Composite Score of 45 (450 after January 2002). A **Special Education Diploma** or **High School Certificate** is not acceptable. All first-time applicants under 21 years of age, except for active duty military, are required to submit official scores from the ACT or SAT examinations. These scores are valid for three years (ACT scores must be valid on the first day of class). Transcripts of graduates of Tennessee public high schools must include a notation indicating that the student passed the required Proficiency Examination.

Applicants must meet the following admission requirements that have been established by APSU and the Tennessee Board of Regents:

1. Applicants under age 21 must have either achieved a minimum ACT composite score of 19, or SAT score of 900 **OR** have earned a cumulative high school GPA of 2.75 on a 4.0 scale. In addition, the following criteria must be met:
  - a. Applicants must have completed the following 14 required units: 4 English; 3 Mathematics; 2 Natural/Physical Science (including 1 with lab); 1 U.S. History; 1 Social Studies; 2 of the same Foreign Language; and 1 Visual/Performing Arts.\*
  - b. Applicants who earned an honors diploma in general education from a Tennessee public high school prior to 1998 are considered to have met all high school unit requirements. \*
2. Applicants under 21 years of age who graduated from high school and who are missing one or two units may be admitted if they have achieved either a minimum ACT composite score of 21 or SAT of 980, **OR** a cumulative GPA of 2.85 on a 4.0 scale. Deficiencies in those units must be removed within the first 30 semester hours after initial enrollment.
3. Applicants who graduated from high school and have a minimum ACT composite score of 26 or SAT score of 1170 are considered to have met all high school unit requirements with the following exceptions: graduates from 1989 to 1992 must make up the foreign language requirement within the first 30 semester hours after initial enrollment; graduates from 1993 and after must make up the foreign language and visual/performing arts requirements within the first 30 semester hours after initial enrollment.
4. Applicants who graduated from non-public high schools (including private schools, home schools, and church-related schools) must submit an official transcript showing 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 (T.C.A. 49-50-801) or be accompanied by a certification of registration with the superintendent of the local education agency which the student would otherwise attend. Applicants who cannot provide a satisfactory secondary school credential may substitute acceptable scores on the GED examination.
5. Applicants who have a valid ACT English sub score of 28 to 30 (SAT Verbal score 630-690) may receive credit for English 1010. Those with an ACT English subscore of 31 to 36 (SAT Verbal score 700-800) may receive credit for English 1010 and 1020.
6. Applicants who received a GED score of 45 (450 after January 2002) and above or External Diploma Program (EDP) in 1993 and thereafter are considered to have met all high school unit requirements except for those in foreign language and visual/performing arts. Deficiencies in these units must be removed within the first 30 semester hours after initial enrollment.
7. Applicants who received a GED score of 45 (450 after January 2002) and above or External Diploma Program (EDP) between 1989 and 1992 are considered to have met all high school unit requirements except those in foreign language. Deficiencies in foreign language must be removed within the first 30 semester hours after initial enrollment.

*\*For specific information, please refer to page 32.*

8. Applicants who graduated from high school or who earned a GED score of 45 (450 after January 2002) and above or External Diploma Program (EDP) prior to 1989 are admissible without regard to the subject area unit requirements.
9. The applications of students who do not meet the admission requirements specified above will be reviewed by the Committee on Admissions Standards. Students whose individual circumstances warrant favorable consideration may be admitted by the Committee on Admissions Standards. Students admitted by exception may be required to participate in an academic-strengthening program(s).
10. Applicants who are residents of states other than Tennessee are subject to the same admission requirements as in-state applicants.
11. Applicants who graduated from high school between 1989 and 1992 must have completed 13 required units; 4 English; 3 Mathematics; 2 Natural/Physical Science (including 1 with lab); 1 U.S. History; 1 Social Studies; and 2 of the same Foreign Language.
12. Applicants 21 years of age, who graduated from high school in 1993 or later are admissible without regard to units, but may be required to make up the following 14 units: 4 English; 3 Mathematics; 2 Natural/Physical Science (including 1 with lab); 1 U.S. History, 1 Social Studies; 2 of the same Foreign Language; 1 Visual/Performing Arts within the first 30 semester hours of enrollment.

**HIGH SCHOOL UNIT REQUIREMENTS**

\*(For a detailed listing of courses fulfilling requirements, see Appendix A page 424)

<u>SUBJECT AREA</u>	<u>REQUIRED UNITS</u>
English	4
Visual and/or Performing Arts <sup>1</sup>	1
Mathematics	3

(Must choose 2 units from either Algebra & 1 unit from Advanced Math Sequence or 3 units from Integrated Math Sequence)

<u>SUBJECT AREA</u>	<u>REQUIRED UNITS</u>
Natural/Physical Science	2
(Must chose one unit from Group A)	
Social Studies <sup>2</sup>	1
United States History	1
Foreign Language	2
(Must choose two units in same language)	

<sup>1</sup> Required for those who graduated in 1993 or after.  
<sup>2</sup> Applicants who graduated from high school in 1989 - 1992 may satisfy the Social Studies requirement with one unit from U.S. government, civics, sociology, psychology, economics or anthropology.

Students who have not met all subject area requirements may, in certain instances, be granted alternative admissions by the Committee on Admissions Standards. (Any high school unit requirement in which the student is deficient must be compensated by successful completion of a specified course (excluding 0xxx courses) at APSU with a grade of "C" or better). See Appendix B, see page 426 for a list of courses to remove high school unit deficiencies. Compensating courses may not be used to fulfill Liberal Arts core, major, or minor requirements and will be applicable toward a degree as elective credit only. Students entering as Freshmen (Fall of 1989 or after) must complete deficiencies within their first 30 hours of enrollment. Transfer students with 59 or fewer semester hours of transferable credit must remove any high school unit deficiencies within their first 30 hours at APSU, or within 64 total hours, whichever comes first.

A registration hold will be placed on students who have earned 30 hours and have not removed their deficiencies. These students will be required to file a "Plan" Form approved by their advisor and dean which outlines specific courses and semesters to fulfill the deficiencies. Any deviation from the Plan approved by their advisor and dean may be substituted by a second Plan, which must be followed without deviation. Should the student not fully satisfy the second Plan, subsequent registrations will be restricted only to courses that fulfill the high school deficiency.

## OTHER TYPES OF ADMISSION

### EARLY ADMISSION OF FRESHMEN

There are three separate Early Admission Programs with different admission policies available for those students who enroll at the University prior to completing the requirements for their high school diplomas. Qualified students who are interested in either program must complete and return to the Office of Admissions the Application for Early Admission, and the regular Application for Admission.

### Early Admission Requirements for Students Entering After Their Junior Year and Entering Full-Time at APSU

1. Applicants must have completed at least three academic years of residence in high school with a 3.20 on a 4.0 scale or better GPA and submit a minimum ACT composite score of 22 or SAT score of 1020.
2. Applicants must be recommended by their principal for consideration for early admission to the University. This requires the consent of the parents and the judgment of the principal or guidance counselor that the student is mature enough to profit from the early admission experience.
3. Applicants must provide a written statement from their high school principal specifying the college courses that will be substituted for the remaining high school courses needed for high school graduation.

### Early Admission Requirements for Students Concurrently Enrolling in High School and APSU

**Dual Enrollment.** The enrollment of a high school student in one or more specified course(s) for which the student will be awarded both high school and college credit.

1. High school students who have completed their sophomore year may enroll in supplementary enrichment courses at Austin Peay State University provided they have earned a minimum cumulative high school grade point

average of 3.20 on a 4.0 scale. In addition they must submit a minimum ACT composite score of 22 (SAT 1020), and ACT subscores of at least 19 (SAT 460) in Math and English.

2. Students must be recommended by their high school principal or guidance counselor for dual enrollment consideration. Student must also have a parental endorsement. The high school official must approve the high school credits received by this dual admission.

**Joint Enrollment.** The enrollment of a high school student in one or more course(s) for which the student will earn only college credit.

1. High school students who have completed their sophomore year may enroll in supplementary enrichment courses at Austin Peay State University, provided they have earned a minimum cumulative high school grade point average of 3.20 on a 4.0 scale and submit a minimum ACT composite score of 22 (SAT 1020), and ACT subscores of at least 19 (SAT 460) in Math and English.
2. Students must be recommended by their high school principal or guidance counselor for joint enrollment consideration. Student must also have a parental endorsement.

### TRANSFER ADMISSION FROM COLLEGES AND UNIVERSITIES

Students desiring to transfer from colleges or universities may be admitted if they are not suspended and currently in good standing at the last institution attended, provided they meet the minimum requirements listed in this BULLETIN (see page 49) under the "Academic Status and Retention" section.

Transfer students who have been academically suspended from other colleges and universities will not be admitted until they have served one calendar year of suspension. After the suspension time has been served, these students may be granted probationary admission upon submission of a personal statement of explanation and appeal to the Director of Admissions.

Students desiring to transfer from colleges or universities, who have been placed on academic probation, may be admitted on

academic probation if they are in good standing at the last institution attended, and provided they meet the minimum requirements shown under the "Academic Status and Retention" section.

Applicants for admission who have enrolled for any classes in another institution of higher education, regardless of whether they wish to receive credit for it, must submit a complete official transcript to the Office of Admissions. Failure to provide identification of institutions attended at the time of admission will subject the student to consideration for dismissal from the University or other disciplinary action.

Applicants must provide evidence of high school graduation (an official transcript mailed directly from the high school); External Diploma Program (EDP) or, a minimum GED average score of 45 (450 after January 2002), and subscores no lower than 40 (410 after January 2002). A special education diploma or high school certificate is not acceptable. Exceptions to this requirement are granted to those transfer applicants who have earned 60 or more semester hours of acceptable traditional credit prior to enrollment at APSU, graduated from high school prior to 1989, received a GED prior to 1989, or earned an associate or baccalaureate degree.

### TRANSFERABILITY OF CREDIT FROM COLLEGES AND UNIVERSITIES

Austin Peay accepts transfer credit from colleges and universities based on the following considerations:

- a. The educational quality of the institution from which the student wishes credit
- b. The comparability of the nature, content, and level of credit earned to that offered by APSU
- c. The appropriateness and applicability of the credit earned to the programs offered by APSU With regard to the student's educational goals

The following policies and procedures govern the credit that will be granted:

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 remedial and developmental courses. Grades of "F" will be posted on the APSU academic record. Transfer grades are equated to the APSU grading system (see page 47).
3. Courses earned with grade of "I" will transfer to APSU as a grade of "F".
4. The completion of an 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, satisfy the Liberal Arts core requirements for the BBA and BS and all core requirements for the BA except for Humanities Foreign Language (6 hours). Moreover, certain requirements of specific degree programs at APSU may be satisfied by careful selection of Liberal Arts 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 do not fulfill the Liberal Arts 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 Liberal Arts core requirements for a second bachelor's degree, unless the American History requirement in this BULLETIN has not been met. Second Bachelor Degree students must fulfill the computer literacy requirement (see page 111).
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 Course work Approval Form before the student's registration.
  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 subscore of 28 to 30 (SAT Verbal 630 to 690) may receive credit for English 1010. Those with a valid ACT English subscore of 31 to 36 (SAT Verbal 700 to 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.

## ADMISSION OF INTERNATIONAL STUDENTS

International students who wish to enter the University must file their applications and complete certified copies of official transcripts, certificates, diplomas and degrees translated to English well in advance of the semester for which they seek admission. Transfer students from international institutions must also provide a course-by-course equivalency performed by an educational credential agency. The Admissions Office handles application procedures for all international students. For information, call (931) 221-7661 or write to the Admissions Office, P.O. Box 4548, Clarksville, TN 37044 or visit the Web site at [www.apsu.edu](http://www.apsu.edu).

An international student is also required to submit proof of proficiency in the English Language. A minimum score of 500 on the paper based or minimum score of 173 on the computer based TOEFL Exam, (or its equivalency on other standardized tests that measure English proficiency) is required of applicants whose native language is not English. Courses completed at another U.S. institution may be used in lieu of standardized examination scores. Evidence of financial resources sufficient to pay expenses while a student is at the University must be submitted.

Exchange students who are non-degree seeking students at the University do not require a TOEFL score and/or entrance examination. It will be the responsibility of the host university to closely scrutinize and send students with English proficiency to Austin Peay State University.

All foreign non-immigrant students applying for admissions pursuant to a student visa shall submit 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 continued enrollment. In the event that a student has tuberculosis or has 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.

Foreign non-immigrant students may opt to have the screening for tuberculosis done through Student Health Services. If the student opts to have the screening done through the Student Health Services, contact must be made with the Student Health Services personnel within two weeks of the first day of classes (which will allow for completion of the process within thirty (30) days of the first day of classes).

All foreign non-immigrant applicants with J, F, or M visas must have and maintain medical and hospitalization insurance as a condition of admission and continued enrollment at APSU. Applicants 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 APSU Student Health Services.

Foreign non-immigrant 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 foreign non-immigrant students 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 APSU Student Health Services. A student will be prevented from registering for classes until this requirement is met.

All foreign non-immigrant students will receive information concerning the aforementioned requirements from the Office of Admissions. Student 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.

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 Student Health Services at (931) 221-7107.

## NON-DEGREE ADMISSION

Applicants who are eligible for non-degree admission include:

### 1. Persons Not Previously Enrolled in College

**Academically Talented/Gifted:**  
High school students who meet the following criteria as specified in Chapter 395 of the Public Acts of 1983. "Academically talented/gifted students enrolled in grades 9, 10, 11, or 12 in public or private high school in Tennessee may with the recommendation and approval of the high school principal and appropriate higher education institution personnel enroll in and receive regular college degree credit from a Tennessee post-secondary institution if such a student has a grade point average equivalent to 3.2 on a 4.0 maximum basis and if such placement is a part of the student's planned Individual Education Program (IEP) as established by the multi-disciplinary team process."

### 2. Persons with College Credit but Not a Degree

Persons who earned credits but not a degree at another college and are eligible for readmission to the last institution attended. Those who do not meet the readmission standards of the last institution attended may be admitted on scholastic probation or other established condition.

### 3. Persons with a College Degree or Certificate

Persons who have a degree or certificate equivalent to the highest degree or certificate offered by the

institution in a particular field but who wish to take additional courses.

**4. Senior Citizens and Disabled Persons**

Totally and permanently disabled persons and persons 65 years of age or older. No fees other than a service fee in the amount authorized by the Tennessee Board of Regents may be charged. In the case of disabled persons, the institution may require an affidavit or certificate of disability from a physician or from the agency compensating the disabled person. Admission under this provision may however, be limited or denied based on the availability of space in the individual classroom.

**5. Adult Special Students**

Students who are not interested in earning a degree from the University may apply for admission as an Adult Special Student by so indicating on their application for admission. Applicants must be 21 year of age or older, and a high school graduate or have a minimum GED average score of 45 (450 after January 2002), and subscores no lower than 40 (410 after 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. Students who have been suspended from other colleges or universities are not eligible to enroll as Adult Special Students.

Adult Special Students will be limited to enrolling for a maximum of 24 semester hours of credit. Adult Special Students are not allowed to register for college - level mathematics or English unless appropriate portion of the assessment test (COMPASS) is taken. Adult Special Students are also not allowed to register for college - level courses that have remedial or developmental course prerequisites.

Adult Special Student who later decide to seek a degree from the

University must submit all academic credentials and satisfy all admissions requirements. Applicants denied regular admission would also be denied admission to this category for the same semester.

**ADMISSION OF TRANSIENT STUDENTS**

Transient students may be admitted to the University for one semester/term. These students must indicate their intent to be transient students on their application for admission, be currently enrolled at another college or university, and have their home college forward to the APSU Office of Admissions a letter of good standing or an official transcript. Transient students remaining at Austin Peay will need to resubmit a letter of good standing or an official transcript for a subsequent semester/term.

Note: Registration at APSU includes prerequisite checking that may require validation of course completion. The submission of a college transcript provides proof of successful completion of prerequisite course(s).

**READMISSION TO AUSTIN PEAY STATE UNIVERSITY**

1. Students seeking readmission to the main campus must resubmit an application for admission if they have missed one semester (excluding summer).
2. Students seeking readmission to Austin Peay Center @ Fort Campbell must resubmit an application for admission if they have missed two or more terms.

**PROGRAMS WITH SPECIAL ADMISSION REQUIREMENTS**

Sometimes, certain instructional programs of the University are subject to special admission requirements which are in addition to the general admission requirements. These programs, which are shown below, necessitate special admission requirements and are subject to change due to the availability of institutional resources. Students wishing to enter one of these programs of study should communicate with the appropriate departments offering the

programs in order to become familiar with these special requirements.

Currently, business, medical technology, nursing, social work, and teacher education are programs with special admission requirements.

#### **Admission to Medical Technology**

Students applying for the senior year of Medical Technology Program must submit an "Admission Packet" available from the Department of Biology (see page 290).

#### **Admission to School of Nursing**

Students desiring to major in nursing must formally apply to the School of Nursing for admission, must meet the admission requirements to the School of Nursing, and must be approved for admission by the School of Nursing's Admission Committee.

#### **Admission to the School of Business**

Students desiring to major in business must be approved for admission to upper division (3000-4999) business courses (see page 103).

#### **Admission to Social Work**

Students applying for social work must meet the admission requirements to the University and apply for formal admission to the social work major through the Department of Social Work and Sociology (see page 367).

#### **Admission of Candidates for Teacher Education**

Provisional admission to the program occurs at the end of the sophomore year. Application for admission is through the Teacher Licensure Office, Room 106 Claxton (see page 105).





## THE COMPASS ASSESSMENT

The Development Studies Program (DSP) is designed to help students improve learning skills necessary for college success. First-time students under the age of 21 are required to submit valid ACT scores for admission to the University, and those who score below 19 in English, mathematics, and reading are placed in the appropriate DSP classes without further assessment (SAT scores may also be used for admission purposes). Transfer students under the age of 21 who submit valid ACT scores will be placed in DSP classes accordingly; those who do not submit valid ACT scores and have not earned college-level algebra-based mathematics or English composition credits must undergo COMPASS assessment in the appropriate areas. First-time students over the age of 21 must complete the entire COMPASS assessment.

### OTHER CATEGORIES

1. Students entering with the GED or EDP credential must complete the entire COMPASS battery.
2. International students without valid ACT or SAT scores must complete the entire COMPASS battery, or follow the guidelines for testing.
3. Students who lack a high school unit in English or algebra (regardless of ACT scores) must complete the reading and writing subtests or mathematics subtest as appropriate.

### SPECIAL CIRCUMSTANCES

1. Students who are unable to test by computer will be given the ASSET paper-and-pencil assessment test.
2. COMPASS will be administered only in the testing labs on Main Campus or at the Austin Peay Center @ Fort Campbell. Students testing at off-campus sites will be given the ASSET paper-and-pencil assessment test.



## ACADEMIC STANDARDS AND REGULATIONS

## UNIT OF CREDIT

The University offers instruction and grants credit on the semester system, with the academic year on the Main Campus including Fall and Spring semesters, and Summer term. One semester hour of credit is equivalent to 1 1/4 quarter hours credit. One quarter hour of credit is equivalent to two-thirds of a semester hour credit.

## NON-TRADITIONAL COLLEGE CREDIT

A student who intends to apply credit earned by correspondence toward teaching licensure or degree requirements must complete the Course Work Approval Form with their advisor and the Office of the Registrar for main Campus or the Information Window at Austin Peay Center @ Fort Campbell prior to enrolling.

While in residence at the University, the student may not take English Composition by correspondence. Students carrying the maximum load of credit hours may not register for additional credit to be earned during the same semester in correspondence courses, unless approved to do so by their advisor and dean.

Students may earn college credit for acceptable scores on the College Level Examination Program (CLEP), the Advanced Placement Examinations (AP) of the College Entrance Examination Board (CEEB), locally administered Departmental Proficiency Examinations, the ACT Proficiency Examination Program (PEP), DANTES, PLATO/CYBIS, PONSI, and Military Service experience. The total amount of credit earned by a non-traditional method, including correspondence and extension credit, which is acceptable to apply toward a degree is limited to one-half the total number of credits required for the degree sought.

## AP - ADVANCED PLACEMENT EXAMINATIONS

The following Advanced Placement (AP) Examinations of the College 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, 1021 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 and Composition	ENGL 1010	3	3
English Literature and Composition	ENGL 1010 & 1020	6	3
European History	HIST 1220	3	3
French Language	FREN 1010, 1020	8	3
French Literature	FREN 1010, 1020	8	3

**AP - ADVANCED PLACEMENT EXAMINATIONS**

<b>CEEB AP TEST</b>	<b>APSU COURSE(S)</b>	<b>CREDIT HOURS</b>	<b>MINIMUM SCORE</b>
German Language	GERM 1010, 1020	8	3
History of Art	ART 1030	3	3
Latin	LATN 1010, 1020	8	3
	LATN 1010, 1020, 2010	11	4 or 5
Music Theory	MUS 1110	4	3
Music Theory	MUS 1110 & 1120	8	4
Music: Listening & Literature	MUS 1950	2	3
Music: Listening & Literature	MUS 1950 & 1960	4	4
Physics B*	PHYS 2010	4	3
	PHYS 2010 & 2020	8	4
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 and Politics	PSCI 2010	3	3
United States History	HIST 2010	3	3
United States History	HIST 2010 & 2020	6	4

*\*No laboratory credit awarded*

**Certified Professional Secretary (CPS)** A student who has successfully passed the Certified Professional Secretary (CPS) examination, will receive the following credits. Have scores sent to the Office of the Registrar.

<b>APSU COURSES</b>	<b>CREDIT HOURS</b>
<b>Part I: Finance and Business Law</b>	
MT 2010	3.0
MT 2250	3.0
ECON 2010	3.0
Elective Credit	1.0
<b>Part II Office Systems and Administration</b>	
CTIM 2210	3.0
CTIM 2300	3.0
CTIM 2350	3.0
Elective Credit	4.0
<b>Part III Management</b>	
MT 2050	3.0
Elective Credit	6.0
<b>TOTAL HOURS</b>	<b>32.0</b>

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

Academic Standards & Regulations

**CLEP - College Level Examination Program General Examinations**

In order to receive credit for the CLEP General Examinations:

1. The student must not have earned in excess of 60 semester hours of acceptable traditional credit as of the date he or she takes the exam.
2. The student must not have received credit in a similar course for which the credit is to be awarded. (Example: Humanities examination = Art Appreciation and Music Appreciation.) A waiting period of six months is required before a student is eligible to repeat any General Examination

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 and History	50	6 hours elective credit

\*\*Does not meet Liberal Arts Core Science requirement

**CLEP - College Level Examination Program 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 Counseling & Testing Center for additional information on CLEP Examinations.

CLEP SUBJECT EXAMINATIONS	APSU COURSES	CREDIT HOURS	MINIMUM SCORES
American Government	PSCI 2010	3	50
American Literature	ENGL elective	3	50
Analyzing and Interpreting Literature	ENGL 1020	3	50
Calculus with Elementary Functions	MATH 1810 & 1820	6	50
College Algebra	MATH 1110	3	50
College Algebra – Trig	MATH elective	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	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 and Computer Applications	CSCI 1000	3	50
Intro to Educational Psychology	PSY 3130	3	50
Introductory Business Law	BLAV 3300	3	50
Introductory Psychology	PSY 1010	3	50
Introductory Sociology	SOC 2010	3	50

CLEP SUBJECT EXAMINATIONS	APSU COURSES	CREDIT HOURS	MINIMUM SCORES
Principles of Accounting	ACCT 2010 & 2020	6	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
Trigonometry	MATH 1720	3	50
Western Civilization I: Ancient Near East to 1648	HIST 1210	3	50
Western Civilization II: 1648 to the Present	HIST 1220	3	50

**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 Course Work Approval form to take a correspondence course. While in residence at the University, the student may not take English Composition by correspondence.

**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 Counseling & Testing Center.

**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

**Law Enforcement and Corrections Training Credit**

Upon completion of one APSU course, a regular admitted student may request evaluation of training received from the Tennessee academies listed below. A maximum of one half of the credit required for the A.A.S. degree in Management Technology with a concentration in Police Science and Administration may be applied from a combination of this training credit. Fort Campbell personnel will review the certificates of completion for the following programs:

**Metropolitan Police Department (Nashville)**

- LEN 1020 Criminal Law and Procedures (3)
- LEN 1040 Police Firearms & Defensive Tactics(3)
- LEN 1190 Unarmed Defense Tactics (3)
- LEN 2080 Internship in Criminal Justice (3)
- TOTAL MAXIMUM CREDITS (12)**

**Tennessee Basic Police School (Donelson)**

- LEN 1040 Police Firearms & Defensive Tactics(3)
- LEN 2030 Criminal Evidence (3)
- LEN 2080 Internship in Criminal Justice (3)
- TOTAL MAXIMUM CREDITS (9)**

**Tennessee Department of Safety (Donelson)**

- LEN 1040 Police Firearms & Defensive Tactics(3)
- LEN 2030 Criminal Evidence (3)
- LEN 2080 Internship in Criminal Justice (3)
- TOTAL MAXIMUM CREDITS (9)**

**Academic Standards & Regulations**

**Tennessee Department of Corrections  
(Tullahoma)**

- LEN 1040 Police Firearms & Defensive Tactics (3)
- COR 1050 Survey of Institutional Corrections (3)
- COR 1060 Introduction to Criminology (3)
- COR 2090 Seminar in Corrections (3)
- TOTAL MAXIMUM CREDITS (9)**

\*Juvenile Correctional Officers receive credit for COR 1060, instead of LEN 1040.

**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 1260 –Personal Health (see page 30).

**Regents College Examination**

The School of Nursing grants credit for the following Regents 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.

REGENTS 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 Nursing	NURS 3060	8	45
554 Adult Nursing	NURS 3070	8	45

**PONSI - National Program on Noncollegiate Sponsored Instruction**

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

**CREDIT LOAD**

A normal course load in a term is sixteen or seventeen semester hours. If you want to graduate in four years, you will want to take fifteen to eighteen hours. To be classified as a full-time undergraduate student during a Fall or Spring semester or Summer term, a student must register for at least 12 semester hours credit. Eighteen semester hours is the maximum number for which a student may register in the fall and spring semesters. Any deviation from this policy must be approved on an Overload form by the student's advisor and/or the department chair and the dean of

the college in which the student is majoring. An overload includes registrations at all colleges and universities including Fort Campbell during the semester.

The maximum undergraduate load in the Summer is eight hours for either five-week session or 14 hours for the entire Summer term.

Students on academic probation are recommended to limit their credit load to 14 hours during the Fall and Spring semester, or six hours at Fort Campbell or all Summer sessions.

The maximum load for a teacher education student enrolled for full-time Student Teaching is 18 hours; any exception to this policy shall be approved by the Director of Student Teaching prior to completing registration.

**ACADEMIC TIME STATUS CLASSIFICATION AND MAXIMUM LOAD**

	Main Campus	Fort Campbell
<b>Time Status</b>		
Full-time (F)	12	6
Three-quarter time (T)	9	4
Half-time (H)	6	3
Less than half-time (L)	5	2
<b>Maximum Load</b>		
Fall or Spring	18	12
Summer/Summer Session	14/8	

Students enrolled on both Main Campus and Fort Campbell will be considered full-time when enrolled in 12 hours of combined credits for the overlapping days of the semesters/terms, and be limited to a maximum of 18 hours. Students enrolling only at Fort Campbell will be considered full-time if enrolled for a minimum of six credit hours.

**CLASSIFICATION OF STUDENTS**

Students will be classified on the basis of total semester hours earned as follows: Freshman 0-23; Sophomore 24-59; Junior 60-95; Senior 96 and above.

**ACADEMIC ADVISEMENT**

Academic advisement is a process that begins prior to admission and continues through graduation. Each undergraduate student is assigned a faculty advisor at the time of initial enrollment. The role of the faculty advisor is to help students clarify personal goals, career options, courses of study, program requirements, educational needs, and to identify university resources. Through regular contact with the faculty advisors, whether face-to-face, through the mail, on the telephone, or through computer mediated systems, advisement is a process in which students gain meaningful insights into their academic, social, and personal experiences and needs. The faculty advisors serve as coordinators of the educational experience and monitor student progress at critical times during the year. While in the final analysis, academic choices rest with the student, the faculty advisor assists the student by helping to identify and assess the alternatives and the consequences of academic decisions.

All inquiries about advising should be directed to the appropriate academic departments.

**CLASS ATTENDANCE**

**STATEMENT OF POLICY**

Class attendance is a key attribute to academic success. Though the matter of class attendance is in the purview of the teaching faculty, the University requires faculty to routinely report students who have never attended class ("FN" - Failure, Never Attended) or whose absence will result in a failing grade ("FA" - Failure, Absence Related). Faculty members will inform students of policies applicable to their classes through a syllabus distributed early in each semester/term. This punitive failing grade reported during the semester/term may affect the student's time status, financial aid repayment, and/or veteran benefits.

**ABSENCE FROM ANNOUNCED TESTS AND EXAMINATIONS**

Students who are forced by circumstances beyond their control to be absent from announced tests and examinations should request approval from the instructor. At the discretion of the instructor, the student will receive the grade of "I", "F" or "FA." The grade of "I" may be changed on the basis of a late test or examination.

## REGISTRATION

Students are responsible for the schedule of courses for which they register unless they officially change it. To make an official change in schedules the students must use AP WEB, AP Talk or submit forms required and file them within the required time for adding or dropping a course as stated in the University Calendar in the SCHEDULE OF CLASSES publication.

## UNDERGRADUATES REGISTERING IN GRADUATE COURSES

Undergraduates interested in registering in graduate courses must have prior approval of the Dean of Graduate Studies and meet minimum requirements as listed in the GRADUATE BULLETIN.

## 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, withdraws from the University, is canceled by administrative authority, or is permanently excluded by the Student Academic Grievance Committee. Discontinuing class attendance without officially dropping or withdrawing from the University will be an unofficial withdrawal, and the student will retain financial obligation. Failure to file a notification on the approved form in the Office of the Registrar will result in the grade of "F", "FA", or "FN".

## WITHDRAWAL FROM THE UNIVERSITY

Any student who wishes to officially withdraw from the University and drop all courses must file promptly a completed Official Withdrawal Form. Refunds will be based on the published schedule and date the completed withdrawal form is submitted to the Office of the Registrar. Failure to officially withdraw will result in receiving grades of "F", "FA", or "FN" in all courses. Students officially withdrawing from the Clarksville campus may obtain the official withdrawal form from the Office of the Dean for Student Development, located in the Morgan University Center, Suite 206. Students officially withdrawing from the

Ft. Campbell campus may obtain the official withdrawal form from the Ft. Campbell Center, Education Building, Room 202.

## REPORTING GRADES FOR COURSES DROPPED

1. A student who officially drops a course or withdraws from the University no later than the last day for withdrawing from a course with an automatic grade of "W" shall be assigned a "W" for the course. This period during which a student may withdraw from the University or drop a course with a "W" will usually be five or six weeks after registration. Refer to information listed in the SCHEDULE OF CLASSES.
2. A student who drops a course after the date in (1) above and before the mandatory grade of "F" period as shown in the University Calendar will receive a "W", or a grade of "F", "FA", or "FN" at the discretion of the instructor. A grade of "F", "FA", or "FN" should be given when the student is failing at the time of withdrawal.
3. Students who officially or unofficially drop courses or withdraw after the mandatory dates for grades of "F" shall be given the grade of "F", "FA", or "FN." Very limited exceptions to this rule may be made when the student who is not failing the course at the time of the drop, or withdrawal, presents to the Dean of the College in which the course is offered, acceptable reasons that establish the existence of unavoidable circumstances for the drop or withdrawal. The Dean will determine if such circumstances exist, and, if so, will then report the findings to the instructor who will make the decision of awarding a "W", "F", "FA", or "FN."

## INCLEMENT WEATHER

During severe inclement weather the University will remain open, classes will be held, and the faculty and staff will be expected to perform their normal duties. Unless a modified schedule, an official closing due to catastrophic conditions (such as loss of heat, power outage, etc.) is announced over radio or



TV broadcasts, all employees are expected to report for work at the normal times. Should the University close due to catastrophic conditions, certain key personnel will still be expected to report to work.

In cases of severe inclement weather or hazardous roads, students are to exercise their own judgment in making decisions about class attendance.

### PREREQUISITES AND COREQUISITES

It is the student's responsibility to check for satisfactory completion of prerequisites and necessary corequisites as listed in the BULLETIN. Students must have passed or be currently enrolled in the appropriate prerequisite(s) prior to registration. Corequisites

are courses in which students must register concurrently. Sequential course numbers may be separated by a "," (comma) and indicate the first course number is a prerequisite for the second course number.

### PROFICIENCY IN ENGLISH

Students are expected to maintain satisfactory minimum standards of oral and written English in all their courses. The faculty of the University has agreed to accept English usage as a University-wide responsibility. Deficiencies in the use of English will be taken into consideration in assigning course grades, and students who fall below acceptable standards may expect to make low grades or fail.

## 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, 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, absence related (unofficial withdrawal) <i>Last recorded date of attendance requested</i>	0
FN	Failure, never attended class (unofficial withdrawal)	0
P*	Pass, on Pass-Fail Course	0
XF*	Failure, on Pass-Fail Course	—
I*	Incomplete	—
IP*	In Progress (limited to COMM 3400, CHEM 4940, and BIOL 4830 & 4840)	—
W*	Withdrew	—

\*Not calculated in GPA.

Grades of "A", "B", "C", "D" carry the appropriate quantity and quality credits. The grade of "I" indicates satisfactory work through most of a semester in a course which, for some acceptable reason, has not been completed. This grade may be changed by the instructor and credit allowed when the requirements of the course have been met, provided the work is completed by the instructor's deadline and not to exceed one calendar year. If the student fails to complete the work for the course within the specified time, the "I" grade will be converted to an "F" grade. The letter "W" indicates that the student has officially dropped a course without grade or credit. Regulations governing the dropping of a course or all courses (withdrawal in any form under any circumstances from the University) may be found in the BULLETIN or SCHEDULE OF CLASSES.

## GRADE REPORTING

Students may obtain their grades through AP WEB ([www.apweb.apsu.edu](http://www.apweb.apsu.edu)) or AP TALK, (931) 221-7000, after each semester/term. Grade reports are not automatically mailed to students. One copy per term may be requested through AP WEB or AP TALK.

## 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.

## PASS-FAIL GRADING

Students will be permitted to take some courses, excluding remedial or developmental courses, in which they may receive a grade of Pass or Fail. In order to be eligible for this program, the student must have earned 24 semester hours. Other than for the exceptions listed, no student will be permitted to apply toward a degree more than 12 semester hours of traditional credit graded with Pass.

The Pass-Fail system will not apply to courses in the core requirements, the major field, or the minor field, unless listed in the BULLETIN.

Students must be enrolled as full-time on the regular letter-grade basis in order to take a course on a Pass-Fail basis. No student on academic probation may take a course on a Pass-Fail basis. Pass-Fail is limited to one course per semester/term. All such courses which are passed will count toward the hours required for graduation. The courses do not apply to grade-point average for graduation or for honors.

All students enrolled in a course on a Pass-Fail basis will meet all normal course requirements (e.g., reports, papers, examinations, lab attendance, etc.) and will be graded in the normal way. At the end of the semester, students enrolled on a Pass-Fail basis will receive a "P" if the grade is "C" or above and "XF" if the grade is below "C." A student taking a course on a Pass-Fail basis must meet the prerequisites for that course as set forth in

the BULLETIN, or have permission of the instructor.

A student may change his registration to a Pass-Fail basis in the Office of the Registrar on the Drop/Add days designated in the SCHEDULE OF CLASSES. Instructors will know who is registered on a Pass-Fail basis.

## Exceptions to the Pass-Fail Grading Regulations

1. Any required core physical education course may be taken under the Pass-Fail grading system.
2. In the College of Education, all Student Teaching courses and accompanying seminars will be taken under the Pass-Fail grading system. Student teaching seminar will be graded.
3. Political Science 454A and B, Legislative Internship, may be taken under the Pass-Fail grading system, subject to program supervisor's approval.
4. The following courses are offered only on a Pass-Fail grading system: AGRI 3610, 3620, 4610, 4620, AOM 2990, COMM 300A, 300B, 300C, COMM 470A, 470B, 470C, EDUC 4410, 4510, 4610, GB 3900, SW 4400, 4410, 499A, THEA 388A, 388B, 388C, 388D.

Applying 1, 2, 3, and 4 above, the student need not be registered for 12 semester hours credit at the time the courses are taken, and these Pass-Fail hours will be exempted from the maximum limit of 12 semester hours a student may apply toward the degree.

## MID TERM GRADES

Mid Term grades are reported during the Fall and Spring semesters for all students. The Mid Term grades are available via AP Web for students (<https://apweb.apsu.edu/>) approximately midway through the semester/term and are not counted in the final grade statistics.

## 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" average on all credits attempted - that is,

earn twice as many quality points as quality credits 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 Repetition" section.) Courses taken on a Pass-Fail basis 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 Repetition" section that

follows.) 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).**

*Example:*

Total Quality Hours Attempted:	63
Total Quality Hours Earned:	60
Total Quality Points Earned:	190

GPA Calculation:  $\frac{190}{63} = 3.015$  GPA

## ACADEMIC STATUS AND RETENTION

The academic status of a student is denoted by one of three conditions:

1. GOOD STANDING
2. ACADEMIC PROBATION
3. ACADEMIC SUSPENSION

Official notification of academic probation or academic suspension is sent to students at the end of each Fall and Spring Semester/Term or Summer Term. Policies and procedures related to each of these conditions are outlined in the following comments.

### GOOD STANDING

Students are in good standing as long as their grade-point average is equal to or greater than the minimum listed in the "Academic Suspension" section below. Good standing indicates only that the student is meeting the minimum standard for retention at the University. However, to meet graduation requirements, the student must have a minimum cumulative GPA of 2.00, minimum GPA of 2.00 in major, and minimum GPA of 2.00 in minor.

### 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:

<u>Quality Hours Attempted</u>	<u>Minimum Grade Point Average</u>
11 or less	no minimum
12 - 29	1.50
30 - 47	1.80
48 - 65	1.90
66 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 recommended to limit their credit load to 14 hours during the Fall and Spring semester, or six hours at Fort Campbell or all Summer sessions. Students placed on academic probation may be required to participate in an academic-strengthening program(s).

## 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, except that the rule will not be applied until the student has attempted 12 semester hours. The part-time student on probation who has not attained at least a cumulative grade-point average as shown in

Column B below, or attained a semester grade-point average as shown in Column A below on the 12 or more semester hours attempted, 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).

Quality Hours Attempted	Semester GPA (Column A)	Cumulative GPA (Column B)
11 or less	no minimum	no minimum
12-29	2.00	1.40
30-47	2.00	1.70
48-65	2.00	1.80
66 and above	2.00	2.00

*Quality hours attempted include all courses and hours except for grades of "AU", "I", "IP", and "W".* 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 Student Standing Committee.

Suspended students may file a written appeal of their suspension period with the Office of the Registrar. Only one appeal per suspension period may be made, with Indefinite Suspension limited to one appeal per calendar year.

The University reserves the right to cancel a student's registration with full refund 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

### DEAN'S LIST MAIN CAMPUS

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 excluding Remedial and Developmental Studies credits and meet the listed GPA for the semester/term. Courses taken on the Pass-Fail grading system and Remedial and Developmental Studies will not be included in hours earned for purposes of the Dean's List.

### AUSTIN PEAY CENTER @ FORT CAMPBELL DEAN'S LIST

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, excluding Remedial and Developmental Studies credits, with a minimum term GPA of 3.50; or, a combination of at least 12 credits excluding Remedial and Developmental Studies courses, in consecutive Fall I and Fall II, or Spring I and Spring II terms.

Following are the GPA levels and honors:

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

## GRADUATING WITH HONORS

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

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

*Grades in Developmental or Remedial courses will not be used to determine grade point average for honors.*

## CARE POLICY

Enrolled students who have been out of college a minimum of two years may apply, through their academic dean, for consideration of the CARE (Credentials Analysis and Re-Evaluation) Policy. A maximum of 18 semester credits or equivalent of "D" or "F", along with the grades and credits of all other courses taken in no more than two consecutive terms at APSU or another institution prior to the separation may be removed from the GPA calculation. If the number of "D" and "F" credits exceeds 18 over the two consecutive terms, the policy will then be limited to all course work 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.

## FRESH START

Beginning with the Fall of 1992, students who have been out of higher education a minimum of four years and return completing 15 semester hours credit with a GPA of at least 2.00 at APSU may renew their academic records without penalty of prior failure. Fresh Start calculates the GPA and credit hours toward graduation on course work 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. Eligible students are to complete the Fresh Start form with the Office of the Registrar during the first term of admission or readmission. A student may utilize the CARE Policy and Fresh Start provided the

separation from higher education is not the same time period.

## COURSE REPETITION

Students who are repeating courses with grades other than "A" or "B" for which they enrolled at APSU prior to Fall, 1979, or any transfer courses must complete and file with the Office of the Registrar a Course Repeat Card. Students must file the cards the first week of classes. Approval to repeat courses with grades of "A" or "B" may be granted only by the Vice President for Academic 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.

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.

## AUDITING A COURSE

By permission of the instructor, a student may be permitted to audit a course. A student who elects to audit a course and pays the regular fee per credit hour receives regular instruction in the course (including tests and examinations, if desired). By arrangement with the instructor, the student may receive a grade in the course, but not credit. The grade of "AU" will appear on the transcript. The irreversible procedure for registering for audited courses is stated in the SCHEDULE OF CLASSES.

## TRANSCRIPTS

Upon written request by the student, and if the student has met all financial and admission obligations to the University, the Office of the Registrar will furnish an official transcript of the student's records at APSU. There is no charge for transcripts. Transcripts may also be requested via fax to (931) 221-6264. Transcripts transmitted via fax cost \$1 per page including the cover sheet, and an official copy is also sent through the mail if requested. "Issued to Student" transcripts may be

requested by telephone through AP Talk, (931) 221-7000.

Transcripts may also be requested through the web at: [www.apsu.edu/records/forms.htm](http://www.apsu.edu/records/forms.htm)

### RESIDENCY FOR FEE PURPOSES

A student's classification for fee purposes is made upon admission in accordance with Tennessee Board of Regents regulations (see Appendix C, see page 427). "IN STATE" fees are assessed to Tennessee residents classified "in state", as well as military personnel, their spouses and dependents stationed in Tennessee or at Fort Campbell, residents from the Kentucky counties of

Christian, Logan, Todd or Trigg (within 30 miles of APSU), and part-time students employed full-time in Tennessee. Appeal of the student's residency classification may be made before registration with the Application for Residency Application form through the Office of Admissions for new and returning students, the Office of the Registrar for continuing students, or the Information Window at Austin Peay Center @ Fort Campbell for Fort Campbell terms. The appeals committee meets once (1) per term, (with the exception of Summer) on the day before classes begin.



## FEES

It is the intent of the State of Tennessee that students classified in-state would pay approximately 30% and the state pay approximately 70% of the cost of higher education. With that goal in mind, the Tennessee Board of Regents has established the following fees for the 2002-2003 fiscal year. All fees are subject to change.

### REQUIRED FEES

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

#### Registration and Maintenance Fees

For 12 or more credits*	\$ 1,374
Per credit hour for less than 12 credits	\$ 120
Per credit hour for Tennessee residents at least 65 years of age and/or permanently totally disabled (maximum of \$75)	\$ 60
Children of deceased or missing in action Vietnam Conflict veterans	\$ 0
Per credit hour at Fort Campbell for active duty military and their family members with an appropriate military identification card taking 0710-2999 level courses	\$ 68

#### Additional Charge to Out-of-State Students

For 12 or more credits*	\$ 3,479
Per credit hour for less than 12 credits	\$ 301

#### General Access Fee (Main Campus, Off-Campus, Distance Learning)

For 12 or more credits	\$ 240
For 1 credit hour \$28.50; for each added hour \$21 to maximum of	\$ 240

#### Technology Access Fee (APSU @ Fort Campbell)

For 11 or more credits	\$ 112.50
Per credit hour for less than 10 credits	\$ 11.00

#### Regents On-Line Degree Program

Registration and Maintenance Fees per credit hour (no maximum)	\$ 120
On-line course fee per credit hour (no maximum)	\$ 48

#### Other required fees for Main Campus Only

##### Debt Service Fee

Full-time students and 11 credit hours	\$ 109
Part-time students—per credit hour	\$ 10
Transitions Fee (all new students)	\$ 45
Post Office Box Rental (per semester-if living on-campus, nonrefundable)	\$ 9
Student Government Fee (per registration)	\$ 4

\*Summer fees will be calculated on a straight per credit charge with no maximum for a full-time student.

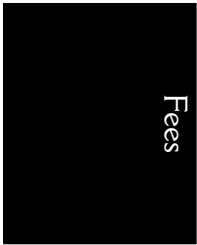
### BOARD AND ROOM

Board in Cafeteria per semester, estimated	\$ 550 - 770
Family Housing (per month)	\$ 325 - 345
Residence Hall Room (double occupancy per semester)	\$ 1,140
Student Apartment (per semester)	\$ 1,180 - 1,230

### RETURNABLE DEPOSITS

#### Housing

Residence Halls	\$ 100
Apartments	\$ 100



**SPECIAL FEES (some required) #**

Application Fee (Include with Application - nonrefundable) .....	\$ 15
Audit Fees .....	cross listed with regular fees
(No charge to Tennessee residents at least 60 years of age and/or permanently, totally disabled)	
Graduation (includes Commencement regalia)	
Associate Degree .....	\$ 25
Baccalaureate Degree.....	\$ 30
Master and Specialist Degree .....	\$ 35
Additional fees (after original Application for Graduation):	
Application after the published deadline .....	\$ 5
Cancellation fee (student must reapply for Graduation).....	\$ 10
Change of Date (Semester/Term).....	\$ 10
Change of Name .....	\$ 10
Duplicate Diploma.....	\$ 10
Identification Card .....	No Charge
(Required of all students enrolled for Main Campus classes)	
Identification Card Replacement .....	\$ 10
Late Registration (Nonrefundable).....	\$ 50
Motor Vehicle Registration (included in General Access Fee)	
Music Lessons-Individual: One hour lesson per week .....	\$ 100
Nursing Clinical Skills Fee, per semester .....	\$ 90
Returned Check Service Charge .....	\$ 20
Proficiency Examination (per credit hour).....	\$ 15
Science Consumables Fee, per lab .....	\$ 15
Textbooks (estimate per semester) .....	\$ 300
Transcripts, official (limited number) .....	No Charge
(Transcripts issued only upon written request by the student).	
Fax Transcripts (per page, including cover sheet) .....	\$ 1

# In addition to the fees listed here, there may be other necessary fees such as the Graduate Record Examination, the PRAXIS II Examinations or the National League of Nursing, depending on the particular requirements of the student's major.

**FEE DISCOUNTS**

**CHILDREN OF VIETNAM  
CONFLICT VETERANS**

Children of Vietnam Conflict Veterans who died while either serving in Vietnam or as a result of injury sustained while serving in Vietnam, or who have been declared missing in action in Vietnam, may be eligible for waiver of registration and maintenance fees. The parent who is deceased or missing in action must have been a resident of Tennessee. Contact the Veterans Affairs Office in Atlanta, Georgia at 1-800-827-1000 for more information and verification procedures.

**DEPENDENTS OF POW's OR  
DECEASED VETERANS**

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 Atlanta, Georgia at 1-800-827-1000 for more information and verification procedures.



### DEPENDENTS OF CERTIFIED PUBLIC SCHOOL TEACHERS OR STATE EMPLOYEES

Children or dependents of full-time certified public school teachers or state employees in Tennessee, under the age of 24 (age on first day of class) are eligible for a 25 percent discount on undergraduate in-state maintenance fees and technology access fees. The approved form (available from Admissions) must be submitted to the Business Office prior to the first day of classes each term.

### DEPENDENT OR SPOUSE OF TBR/UT EMPLOYEES

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 maintenance fees and all mandatory student fees payable at registration. Dependents 26 years of age or under and the spouse of a full-time UT employee are eligible for a 50 percent discount only on undergraduate maintenance fees payable at registration. The approved form (available from Human Resources) must be submitted to the Business Office prior to the first day of classes each term.

### EMPLOYEES OF AUSTIN PEAY STATE UNIVERSITY

Full-time employees of APSU may enroll for one course per term on a space available basis without paying tuition charges, maintenance fees, debt service fees, general access fees, technology access fees, and other registration fees. The approved PC 191 form must be submitted to the Business Office at the time of registration each term. APSU employees may also use the Employee Scholarship Application form. These scholarships are subject to availability of funds.

### EMPLOYEES OF STATE OF TENNESSEE

Full-time employees of the State may enroll in one undergraduate or graduate course without paying tuition charges, maintenance fees, debt service fees, general access fees, technology access fees, and other registration fees. The approved form (available from Admissions) must be submitted to the Business Office prior to the first day of class each term.

These scholarships are subject to availability of funds.

### REGISTRATION FOR STUDENTS 60 AND 65 YEARS OF AGE OR OVER, AND STUDENTS WITH DISABILITIES

A student domiciled in Tennessee who is 60 years of age or older, or one who is permanently and totally disabled, who wishes to audit a course and be exempt from paying fees as provided by Tennessee law may do so by filing in the Office of the Registrar a birth certificate or an acceptable physician's certificate of permanent, total disability (these documents will be duplicated and originals will be returned to the student). A student domiciled in Tennessee who will become 65 years of age or older during the semester/term, or one who is permanently, and totally disabled, may register in courses for credit on a space available basis for a maximum \$75. Appropriate documentation is required. Please refer to information included in the SCHEDULE OF CLASSES for registration timetables and procedures.

### PAYMENTS AND REFUNDS

1. The University operates on the semester plan, and students are expected to pay all expenses when registering at the beginning of each semester/term. Under certain circumstances, an installment plan for Fall and Spring semesters is available through the Business Office. Students expecting to pay a portion of their expenses by working for the University should pay all fees, make all returnable deposits, pay board charges for one semester, and pay at least one month's rent. The University accepts cash, checks, VISA, and MasterCard.
2. Out-of-state, full-time undergraduate students pay \$3,479 per semester for tuition in addition to the \$1,374 maintenance fee. This charge does not apply to students living in the Kentucky counties which are within the legal service area of APSU (30 mile radius of Clarksville).
3. Refund procedures for maintenance fees, out-of-state tuition, debt service, music lesson, general access, student government fees, technology access fees, and deposits are outlined below:

**A. Maintenance Fee Refunds**

- i. Refunds are 100 percent for courses canceled by the University.
- ii. Changes in courses involving the adding and dropping of equal numbers of credit hours for the same term at the same time require no refund or assessment of additional maintenance fees.
- iii. The basic refund for withdrawals or drops during Fall or Spring semesters is 75 percent from the official registration period through the fourteenth calendar day of classes and then reduced to 25 percent for a period of time which extends 25 percent of the length of the term. There is no refund after the 25 percent period ends.
- iv. For Summer Sessions, Fort Campbell, and other short terms, refund periods are adjusted in proportion to III. A. 3.
- v. All refund periods will be rounded to whole days and the date on which each refund period ends will be included in publications. In calculating the 75 percent period for other than the Fall or Spring and in calculating the 25 percent length of term in all cases, the number of calendar days during the term will be considered. When the calculation produces a fractional day, rounding will be up or down to the nearest whole day.
- vi. A full refund (100 percent) is provided on behalf of a student whose death occurs during the term. Any indebtedness will be off-set against the refund.
- vii. A 100 percent refund will be provided for students who enroll under a pre-registration system but who drop or withdraw prior to the first day of class.
- viii. A 100 percent refund will be provided to students who are compelled by the institution to withdraw when it is determined they were academically ineligible for enrollment or were not properly admitted to enroll for the course(s) being dropped. An appropriate official must certify in

writing that this provision is applicable in each case.

- ix. When courses are included in a regular term's registration process for administrative convenience, but the course does not begin until later in the term, the 75/25 percent refunds will be based on the particular course's beginning and ending dates. This provision does not apply to classes during the Fall or Spring semester which meet only once per week. S
- x. Students receiving Title IV financial aid who withdraw during their first term at the University will have their refunds 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.
- xi. The refund percentage is applied to the difference between the per-hour rate (for maximum) for the number of credit hours immediately before the drop or withdrawal and the number immediately afterward.

**B. Out-of-State Tuition Refunds**

The refund provision for out-of-state tuition is cross-listed with that for maintenance fees. A 75 percent refund is made for the same period and a 25 percent refund is made for the same period. When 100 percent of maintenance fees are refunded, 100 percent of out-of-state tuition also is refunded. Calculation procedures are cross-listed with those specified for maintenance fees.

**C. Debt Service, Music Lesson, General Access, and Student Government, and Technology Access Fee Refunds**

These fees will be subject to the same refund policy as maintenance fees. Debt Service, Music Lesson, General Access and Technology fees are subject to the same refund policy as maintenance fees. Student Government fees are refunded only if the student withdraws completely from the University (Refund percents

and period would follow policy for maintenance fees).

#### D. Student Residence Hall/Apartment Rent and Deposit Refunds

##### i. RENT

- a. A pro-rated rent refund will be made if a student is forced to move out of the residence hall due to personal illness (confirmed in writing from a licensed physician), or at the request of the University for other than disciplinary reason (i.e. marriage, academic suspension). Full refund will be made in the case of death of the student.
- b. A percentage refund of rent will be made if the student is forced to move out of university housing due to withdrawal from the University. This percentage refund will be cross-listed with the percentage refund policy for maintenance fees.
- c. No refund of rent will be made if the student moves out of the residence hall for any other reason except those noted in D.1. a. and b. above.

##### ii. DEPOSIT

The deposit will be refunded if:

- a. The student cancels the license agreement by August 1 for the academic year. For all new students applying for Spring semester, the deadline for cancellation is December 15; for summer the deadline for cancellation is May 15. Requests for cancellation submitted after these dates will be subject to automatic forfeiture of housing deposit upon cancellation.
- b. The student has vacated the residence hall at the end of the license agreement and has properly checked out;
- c. The student is forced to withdraw from University housing or cannot move into University housing due to illness (confirmed in writing from a licensed physician)

- d. The student is unable to move into University housing due to lack of space;
- e. The student is forced to withdraw from University housing for other than disciplinary reasons (i.e. marriage, academic suspension, academic internships/student teaching);
- f. The student's application for admission is not accepted by APSU;
- g. The student graduates or leaves school at the end of the Fall semester and does not enroll for Spring semester. The student must cancel agreement by December 15 if not attending Spring semester; or,
- h. The student has died.

#### E. Textbook Refund Policy

- i. Purchased textbooks and related materials may be returned for refund through the designated Drop-Add period.
- ii. Receipts are required for ALL returns.

#### F. Refunds for Activated Military Reserve and National Guard Personnel

- i. Students who are absent in excess of 30 days during the term due to active military service will receive a 100 percent refund on all registration fees and tuition charges. Room and board charges will be prorated on a weekly basis.
- ii. Refunds will be applied to outstanding balances owed the University including required financial aid repayments, according to rules and regulations in place at the time.
- iii. Students will be responsible for repayment of financial aid debts in excess of the amounts repaid through the refund process.
- iv. Students must present proof from an appropriate military authority of the dates active duty was actually performed.

4. Students taking on-campus courses are required to have an identification card made for personal identification. These photos are made at the University during

registration without charge. If the original card is lost, there will be a replacement charge. This card will be the means of admission to and identification at athletic contests, community concerts, public programs, and other activities during the semester for which the student is enrolled. Students are expected to show their ID cards to appropriate University officials when requested

5. Fort Campbell students who wish to attend the events mentioned in paragraph 4 must pay the General Access Fee.
6. If a check presented to the University in payment of registration fees is returned by the student's bank/financial institution due to insufficient funds, closed accounts, etc., the registration fees of the student are assumed to be unpaid and late registration charges will be assessed. If the returned check is not redeemed by the student, the University may cancel the registration of the student. A student who has presented a check in payment of registration fees and whose check is subsequently returned to the University will be placed on a cash only basis for payment of future

registration fees. A service charge will be assessed for each check returned to the University, whether given in payment of fees or cashed for the personal convenience of the student. Check cashing privileges will be revoked for any student who has more than two checks returned during the fiscal year.

7. No student shall be enrolled, shall be graduated, or shall receive a transcript until all accounts are settled, including the return of University owned equipment rented by or loaned to the student. The term "transcript" includes application for issuance or renewal of certificates.
8. The application fee is nonrefundable.
9. Students who are enrolled at either the Main Campus or the Austin Peay Center @ Fort Campbell will be assessed fees at the respective location and then assessed fees for any additional courses taken at the other site. This policy is in effect for all students, veterans and non-veterans, who concurrently enroll at the two campuses, even though one academic record is established for their concurrent enrollment.



## FINANCIAL AID AND SCHOLARSHIPS

Many students need financial assistance to meet part or all of their college-related expenses. At APSU, students of academic promise with a strong desire to secure a college education are encouraged to apply for financial assistance. Students applying for financial assistance must be enrolled in a degree-seeking program and not be considered a special or transient student.

### HOW TO APPLY FOR FINANCIAL AID

1. All students should complete the Free Application for Federal Student Aid, FAFSA, U.S. Department of Education Form, after January 1 of the appropriate year. No check or money order is required.
2. Students should file an application for admission to the University at the same time they complete the Free Application for Federal Student Aid. A student should not wait to be accepted for admission to apply for financial aid. For further information contact: Director of Student Financial Aid, Box 4546, Austin Peay State University, Clarksville, Tennessee 37044, telephone (931) 221-7907. You may complete a FAFSA application via the web at [www.fafsa.ed.gov](http://www.fafsa.ed.gov)

### POLICY ON CLASS ATTENDANCE AND UNOFFICIAL 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. The form to drop a class is available in the Office of the Registrar. The form to officially withdraw from the University is available in the Student Development Office. If students unofficially withdraw and receive "FA" or "FN" grades in their courses, a determination must be made regarding possible repayment of funds.

### SCHOLARSHIPS

#### UNIVERSITY SCHOLARSHIP APPLICATION PROCEDURES

Interested students wishing to apply for University scholarships should observe the following sequence:

1. Applications for admission should be filed with the Office of Admissions by the scholarship deadline date.
2. For first time students, applications may be obtained from high school guidance counselors, the Office of Admissions, the Student Financial Aid Office, or on-line at [www.apsu.edu](http://www.apsu.edu). Students are encouraged to fill out their application for admission and scholarship online.
3. Please read the following scholarship descriptions carefully, as many require additional documentation such as official transcripts, letters of recommendation, etc.

For new students, completed applications should be sent to the Office of Admissions, P.O. Box 4548, Austin Peay State University, Clarksville, TN 37044, telephone (931) 221-7661 or toll free at 1-800-844-APSU (2778). For current students, completed applications should be sent to the Office of Financial Aid.

### ACCOUNTING

**Accounting Alumni Scholarship.** Funds raised by contributions from accounting alumni and friends provide four \$500 scholarships annually to accounting majors. Two scholarship are designated for incoming first time college students with a declared concentration of accounting in the Business major. The second scholarship is for a student already enrolled in the accounting degree program. Both awards are non-renewable, but the recipients may reapply. For further information contact the Department of Accounting, telephone (931) 221-7556.

**Lawrence Baggett Scholarship Fund.** This scholarship, provided by Larry Carroll, is given to a rising senior accounting major with an interest in marketing. Scholarship pays a one-time \$2,000 award. For further information contact the School of Business, telephone (931) 221-7674.

**AGRICULTURE****General Agriculture Scholarships.**

These scholarships will be awarded to students majoring in agriculture with preference to those entering APSU for the first time. Awards will be based upon GPA, ACT scores, school and community activities, and financial need. Awards may vary in amount. For more information contact the School of Agriculture and Geosciences, APSU Box 4607, telephone (931) 221-7272.

**David E. Hinton Scholarship.**

Sponsored by the Montgomery County Soil Conservation District, this scholarship provides \$1,000 a year to an incoming freshman from the Clarksville-Montgomery County School System who will major in an agriculture related field at APSU. A minimum GPA of 2.5 and a statement of need are required. For more information contact the School of Agriculture and Geosciences, APSU Box 4607, telephone (931) 221-7272.

**P.A. Meriwether Memorial Scholarship.** Given by the family of P.A. Meriwether, this scholarship of \$100 is awarded annually by the School of Agriculture and Geosciences to a Montgomery County student majoring in agriculture. Selection is based on need and scholastic ability. For further information contact the School of Agriculture and Geosciences, APSU Box 4607, telephone (931) 221-7272.

**Rehabilitation Corporation of Tennessee Scholarships.** The Tennessee Rehabilitation Corporation awards four scholarships of \$650 each, available to students majoring in agriculture. The applicant must be a native of Tennessee, be in need of financial help to enter or remain in college, be from a rural area with an agricultural background, and be deserving of the scholarship on the basis of academic promise. Application should be made to the School of Agriculture and Geosciences, APSU Box 4607, telephone (931) 221-7272.

**Tennessee Council of Cooperatives Agriculture Scholarship.** The Tennessee Council of Cooperatives provides one \$500 scholarship to an APSU agriculture student. The recipient must be a citizen of Tennessee majoring in Agriculture, have a minimum 2.5 cumulative GPA, junior standing (if possible), and the student or parent must be a member of an agricultural cooperative. For further

information contact the School of Agriculture and Geosciences, APSU Box 4607, telephone (931) 221-7272.

**U.S. Smokeless Tobacco Company Scholarships.** The U.S. Smokeless Tobacco Company provides several generous scholarships to Agriculture majors at APSU. The recipient must be actively involved or have an immediate family member producing at least one of the three types of dark tobacco. For further information contact the School of Agriculture and Geosciences, APSU Box 4607, telephone (931) 221-7272.

**ART**

**Art Alumni Scholarship.** Initiated by Robin Moore, this is an academic department/performance scholarship. The amount is \$500 annually, depending on availability of funds. A GPA of 3.0 is required, no work requirement, recipient may reapply. Recipient must be sophomore standing or above, focusing in graphic design or photography, demonstrating outstanding creative performance. Selection based on portfolio review. For further information contact the Department of Art, APSU Box 4677, telephone (931) 221-7333.

**Jewel Birdsong Scholarship.** This scholarship provides \$1,000 annually to a declared art major with a demonstrated interest in Art History and Art Conservancy. Requirements include a 3.0 GPA and a written essay. Recipients must work 4 hours per week in art conservation, art exhibitions or art history area. Recipient must reapply for renewal. For further information contact the Art Department (931) 221-7333, P.O. Box 4677.

**Friends of the Arts Scholarship.** The Friends of the Arts provide three scholarships per year to students majoring in each of the three applied areas of the arts: Art, Music, and Theatre. Recipients must be rising sophomores who do not have a performance scholarship, but may have other types of aid. Recipients must have a 3.0 minimum GPA for their first year at Austin Peay and must retain a minimum 3.0 cumulative GPA for renewal of the one-year award. Renewal also is contingent upon the continued availability of funds. For further information, contact the Center for the Creative Arts, APSU Box 4666, telephone (931) 221-7876. (Also listed under Music and Theatre)

**Carlos Brewer Friends of Photography Scholarship.** This scholarship in memory of Dr. Carlos Brewer provides an award to a student either majoring in fine arts or minoring in photography. A sample of creative work must be submitted. The amount of the scholarship will be determined at the time of award based on funds available. A minimum GPA of 2.5 is required and student may be either full or part-time. For further information contact the Art Department, (931)221-7333, P.O. Box 4677.

**Tom Malone Memorial Scholarship in Studio Art.** Established by the family of Tom Malone, this scholarship provides a \$1,000 a year award for a sophomore studio art major. A minimum cumulative GPA of 3.0 is required. Scholarship may be renewed, but the recipient must reapply each year. Selection made by the Art Department faculty is based on financial need and demonstrated ability in creative arts. For further information contact the Department of Art, telephone (931) 221-7333.

**Helena Haskell Marsh Scholarship.** This \$500 scholarship is provided annually to an art major or creative writing major who serves as student manager of the Goldsmith Press. Requirements include a 2.5 GPA, and a written essay. For further information contact the Art Department, (931)221-7333, P.O. Box 4677.

**Performance Scholarships.** Performance scholarships, which include work requirements, are granted to students interested in Art, Music, Communication and Theatre, Creative Writing, and Student Publication. Art majors should contact the Chair, Department of Art, APSU Box 4677, telephone (931) 221-7333. Students also may contact the Center for Creative Arts for information about scholarships in art, creative writing, music, and theatre, APSU Box 4666, telephone (931) 221-7876. (Also listed under Communication, Creative Writing, Music, Theatre, and Open).

**U.S. Bank Art Scholarship.** This scholarship is awarded by the Department of Art to a deserving art major with a minimum 3.0 cumulative GPA. For further information contact the Department of Art, APSU Box 4677, telephone (931) 221-7333.

**Claudell Wootton Art Education Scholarship.** This scholarship is provided in honor of Claudell Wootton to a student planning a career in art education. Need and teaching potential must be demonstrated. A written essay must be submitted. Selection will be made by the art department in consultation

with Mrs. Wootton. For further information contact the Art Department, (931)221-7333, P.O. Box 4677.

## ATHLETICS

**Athletic Grants-in-Aid.** Athletic grants-in-aid are awarded annually in all men and women's sports except football. These grants are primarily administered through the Department of Athletics. For additional information contact the Athletic Director, APSU Box 4515, telephone (931) 221-7903.

**Dave Aaron Scholarship.** This is an athletic scholarship established for men's basketball and football with money earned from the Dave Aaron Endowment Fund shared equally. For additional information, contact the Athletic Director, APSU Box 4515, telephone (931) 221-7903.

**Dr. William Cooper Beazley Athletic Trainers Scholarship Fund.** Interest earned from this endowment fund will be used to pay students who are employed in the athletic training room to serve as student workers. The Athletic Director and Athletic Trainer will select recipients. For further information, contact the Athletic Trainer, APSU Box 4515, telephone (931) 221-6110.

**Dr. Leon Bibb Hall of Fame Scholarship.** Established in 1998 by family and friends of the late Dr. Leon Bibb, this scholarship will benefit a graduate student of the APSU Athletic Department. Dr. Bibb served on the faculty for 28 years and was the athletics faculty chair for over 23 years. This endowment will provide a scholarship award to a graduate student with excellent integrity and character, desire to complete a graduate degree at APSU and a commitment to the success of the APSU athletic program. Financial need is a consideration. Selection will be made by a committee and the award announced at the annual Hall of Fame event. For further information contact the Athletic Office at (931) 221-7903.

**Gary Groves Memorial Scholarship.** The Gary Groves Memorial Scholarship is provided by the Clarksville Jaycees in memory of Gary Groves, a local businessman who was a leader in the organization. The \$3,000 annual, one-time award is provided to a freshman athlete who attended a high school in Montgomery County. A minimum GPA of 2.8 is required. For further information, contact the Athletic Office at (931) 221-7903.

**Matt Hallett Scholarship Fund.** Established in 2000, this endowed scholarship

provides an annual award to a student assistant or manager for the men's basketball team. This scholarship is open to any academic major and is specifically for an undergraduate student that meets the academic and moral standards of the University and a love for basketball. The recipient should have personal and management skills to enthusiastically support the coaching staff and team. The scholarship may be renewed. The coaching staff, in consultation with the family of the late Matt Hallett, will make the selection. For further information, contact the Men's Basketball Office, (931)221-7615, P.O. Box 4515.

**Ricky Hollis Basketball Scholarship.**

This endowed scholarship is in memory of Ricky Hollis, an ardent basketball fan and Austin Peay alumnus. The annual, one time award will go to a fifth year men's basketball player. Selection will be made by the men's head basketball coach. For further information, contact the Men's Basketball Office, (931)221-7615, P.O. Box 4515.

**Mike Hooker Athletic Trainers Scholarship.** Interest earned from this endowment fund will be used to pay students who are employed in the athletic training room to serve as student workers. Recipients will be determined by the Athletic Trainer and the Director of Athletics. For further information contact the Athletic Trainer, APSU Box 4515, telephone (931) 221-6110.

**Paul Ilg Memorial Scholarship.** Established in 1998 by friends and family of the late Paul Ilg, this scholarship provides a \$1,000 award to a member of the APSU golf team. A minimum GPA of 2.5 is required to receive the scholarship. The scholarship may be renewed based on GPA and academic progress. For further information, contact the Head Golf Coach at (931) 221-7647.

**Rodney Long Memorial Scholarship.** This scholarship, established in 1982 in memory of Rodney Long, provides financial assistance to a football student-athlete who possesses those personal qualities exhibited by Rodney Long. This scholarship will be based on need. Funds for this scholarship are provided through private contributions. Interested student-athletes should contact the Athletic Director, APSU Box 4515, telephone (931) 221-7903.

**The Perkins Freeman and Governors Club Academic Achievement Award.**

Inspired by the academic achievements of student athlete Julie Virta, Mr. Perkins Freeman and the Governors Club established this award in 1999. The award is presented annually to a junior athlete with one year of eligibility remaining and the student selected will receive a \$1,000 award. The award will be given in the name of the graduating senior athlete with the highest GPA. For further information please call the Athletic Office at (931) 221-7903.

**Wilma Rudolph Scholarship.** This is an athletic scholarship for any athletic sport. The award is \$1,500 annually. Selection will be by a committee appointed by the Athletic Director. Academic and athletic ability will be considered in the selection of the recipient. A minimum 2.5 cumulative GPA is required for retention. For further information contact the Athletic Director, APSU Box 4515, telephone (931) 221-7903.

**David Trent Memorial Scholarship.**

This is an athletic scholarship established for baseball. The interest from this fund will be used for the purpose of providing financial assistance to students who possess ability in baseball. For further information contact the Baseball Office, APSU Box 4515, telephone (931) 221-6266.

**Dr. Richard W. Young, Jr. Athletic Trainers Scholarship Fund.** Interest earned from this endowment fund will be used to pay students who are employed in the athletic training room as student workers. The Athletic Trainer and Athletic Director will select recipients. For further information, contact the Athletic Trainer, APSU Box 4515, telephone (931) 221-6110.

**BAND**

**Aaron Schmidt Alumni Band Scholarship.** This scholarship was created in 1983 in honor of the late Dr. Aaron Schmidt, who served as Director of Bands from 1960-1973. Qualified woodwind instrumentalists are encouraged to apply for this scholarship, which is administered through the APSU Alumni Association. Direct all inquiries to Director of Alumni and Annual Giving, APSU Box 4676, telephone (931) 221-7979.



**BIOLOGY****Jack W. Beach Memorial Scholarship.**

This award in the range of \$2,500 will be given annually to a student majoring in biology programs. Recipient must be full-time and maintain a 3.0 cumulative GPA. Selection will be made based on criteria developed by the Biology Department and the donor and announced at the Student Awards Day Ceremony in spring semester. A faculty committee of the Biology Department administers the scholarship. For further information contact the Biology Department, (931)221-7781, P.O. Box 4718.

**Dr. William E. Beaumont Memorial and Dr. Gerald Karr Scholarship.** This award of \$1,000 is presented to the freshman majoring in biology with the highest grade-point average. Selection of the recipient is based on criteria developed by the Biology Department and the donor. This award for academic excellence is funded by friends of the Beaumont family and Dr. Gerald Karr. During the Student Awards Day Ceremony, the recipient will be announced by the Eta Pi Chapter of Beta Beta Beta National Honor Society for Biology. For further information contact the Department of Biology, APSU Box 4718, telephone (931) 221-7781.

**Dr. Robert T. Crews Medical Technology Scholarship.** The scholarship is named in honor of the late Dr. Crews, founder of the APSU Medical Technology Program and Program Director 1985-1998. This award of \$200 is provided to a Medical Technology Program senior with financial need who has demonstrated high academic achievement. Selection is based upon criteria established by the members of the Alpha Pi Chapter (APSU) of Lambda Tau National Medical Technology Honor Society. The recipient is announced at the annual Medical Technology student Thanksgiving luncheon. For further information contact the Department of Biology, APSU Box 4718, telephone (931) 221-7781.

**John Joseph Flood Memorial Scholarship.** This scholarship will be awarded in the amount of \$1,000 per year to biology and chemistry majors who have financial need. Eligible students who are nominated by faculty will be notified early in the spring semester and asked to submit

application for the award. Final selection will be made by a Biology Department Committee. This award has no stated GPA or student classification criterion. Awards will be announced at the Student Awards Day Ceremony in the spring semester.

**Marion and Robert Gossett and Charles Bruno Scholarship.** An annual scholarship in the range of \$2,500 will be given annually to a student majoring in Biology programs. Recipient must be full-time and maintain a 3.0 cumulative GPA. Selection will be made based on criteria developed by the Biology Department and the donor and announced at the spring awards day. For further information contact the Biology Department, (931)221-7781, P.O. Box 4718.

**John A. Hageman Memorial Award.** This award of \$1,000 is presented to a junior majoring in biology programs with the highest GPA. Selection of the recipient is based on criteria developed by the Department of Biology and the donor. The APSU Alumni Association administers this award for academic excellence. During the APSU Awards Day Ceremony, this recipient will be announced by the Eta Pi chapter of Beta Beta Beta National Honor Society for Biology. For further information, Contact the Biology Department, (931) 221-7781, P.O. Box 4718.

**Evelyn Ross Hinson Memorial Scholarship.** This scholarship was established in 2001 in memory of Evelyn Ross Hinson. It will be awarded annually to a female student interested in a career in health sciences with preference given to someone with an interest in a physical therapy career. Awards will be based on interest earned and should be in the range of \$2,500. Recipient will be a sophomore (or above) and full-time. The Biology Department Scholarship Committee will make selection. For further information contact the Biology Department, (931) 221-7781, APSU Box 4718.

**Jennie M. 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 recipient will be announced by the Eta Pi Chapter of Tri-Beta during the Student Awards Day Ceremony in the Spring

semester. The award is honorary (name is engraved on a plaque), and no monetary award is made. For further information, Contact the Biology Department, (931) 221-7781, P.O. Box 4718.

**Durward Harris Scholarship.** This scholarship of \$1,000 will be awarded to a student who is pursuing Pre-medicine, has completed at least 48 hours at Austin Peay, has successfully completed Organic Chemistry with at least a "B" in lectures and labs, and a minimum 3.5 cumulative GPA. Applications will be reviewed and the recipient selected by a scholarship committee to include Dr. Phil Roe or his designee.

**Dr. Haskell C. Phillips and Estelle Judd Phillips Scholarship.** This scholarship of \$1,000 is available to students majoring in biology programs with a minimum 3.0 cumulative GPA and demonstrated financial need. Candidates should be of at least Junior standing at time of disbursement. Special consideration is given to students seeking teacher licensure. Eligible students who are nominated by faculty will be notified early in the spring semester and asked to submit application for the award. Final selection will be made by a Biology Department Committee. Awards will be announced at the Student Awards Ceremony in the spring semester. This award is administered by the APSU Alumni Association with funds provided by the Phillips family and friends in recognition of Dr. and Ms. Phillips' professional contribution to education. For further information, Contact the Biology Department, (931) 221-7781, P.O. Box 4718.

**Roe Family Scholarships.** Two scholarships have been established by Dr. Phil Roe, an Austin Peay alumnus. One is designated for an incoming freshman in honor of John D. Lewis and one is for a community college transfer student in the field of Biology. Each award may be renewed based on academic progress, maintaining full-time status and minimum cumulative GPA of 3.0. For further information contact the Biology Department, (931)221-7781, P.O. Box 4718 or the University Advancement Office, (931)221-7127, P.O. Box 4417.

Students may obtain additional information and an application by visiting the APSU (Biology) web site [www.apsu.edu/biol](http://www.apsu.edu/biol).

## BUSINESS

**Clarksville Business and Professional Women's Club Scholarship.** This scholarship, based on financial need and GPA, is given as an annual award to a young woman in a business or professional field by the Clarksville Business and Professional Women's Club. The recipient is selected by members of the Club. Interested persons should submit a letter stating financial need, GPA, and background to Clarksville B&PW Scholarship Committee, P.O. Box 584, Clarksville, TN 37041. (Also listed under Open)

**Credit Bureau of Clarksville Scholarship.** This scholarship provides a one time annual award to a graduating senior from a Clarksville-Montgomery County high school who plans to attend Austin Peay and major in a business related field (accounting, management, marketing, business administration, general business, etc.) Financial need will be heavily considered. For further information contact the Office of Admissions, (931)221-7661, P.O. Box 4548.

**Catharine Elizabeth Edmondson Memorial Scholarship.** Established by Ms. Lucy E. Dunwoody in memory of her sister, this \$3,000 annual scholarship is available to students who exhibit the qualities and traits of Ms. Edmondson. The scholarship will be given to an entering freshman business major and is renewable for up to four years. A student must maintain a minimum 2.5 cumulative GPA to retain the scholarship. No work hours are required, but recipient students must write a paper on a contemporary subject in the area of their discipline. The School of the School of Business will be their advisor. For further information contact the School of Business at (931) 221-7674.

**First Federal Business Administration Scholarship.** Scholarships are provided by First Federal Savings Bank to residents of Tennessee, Kentucky counties of Christian and Todd, or individuals living within 30 miles of the campus. Selection is based upon scholastic achievement, leadership potential and extracurricular involvement in both the school and the community. Financial need may be considered but is not the basis for selection. Recipient must be pursuing full-time studies for a degree (undergraduate or graduate) in

Business or professional programs, must maintain a minimum 3.0 cumulative GPA and be involved in university-related activities a minimum of four hours per week. For further information contact the School of Business, APSU Box 4416, (931) 221-7674.

**Ruby Fisher Endowed Scholarship Fund.** This scholarship was established by the estate of Ruby Fisher, a Clarksville business-woman who recognized the importance of education. Interest on the endowment will fund annual awards for women majoring in business. Potential recipients should have a minimum GPA of 2.75, be enrolled full time in the School of Business and demonstrate financial need. For further information contact the School of Business, APSU Box 4416, (931) 221-7674.

**Billy Thompson Memorial Scholarship.** This scholarship is provided by the Hilldale Civitan Club in memory of the late Dr. Billy Thompson, Professor of Office Administration and Business Education. Eligible students must have attained junior status, be enrolled full-time in the business related program, maintain a minimum 3.0 cumulative GPA, and exemplify the qualities of leadership and service to others which characterized Dr. Thompson. Selection will be based on financial need with preference given to Clarksville/Montgomery County residents. The recipient will be announced at the annual awards ceremony during the second semester. For further information contact the Hilldale Civitan Club, P.O. Box 3066, Clarksville, TN 37043.

## CHEMISTRY

**John Joseph Flood Memorial Scholarship.** This scholarship will be awarded in the amount of \$1,000 per year to biology and chemistry majors who are low income and have financial need. For further information contact the Department of Chemistry, APSU Box 4547, telephone (931) 221-7626.

**Durward Harris Scholarship.** This scholarship of \$1,000 will be awarded to a student who is pursuing Premedicine, has completed at least 48 hours at Austin Peay, has successfully completed organic chemistry with at least a "B" in lectures and labs, and has a minimum 3.5 cumulative GPA. Applications will be reviewed and the recipient selected by

a scholarship committee to include Dr. Phil Roe or his designee. For further information contact the Department of Chemistry, APSU Box 4547, telephone (931) 221-7626.

**Montgomery County Science Fair Scholarships.** The Chemistry Department will award nonrenewable \$250 scholarships to high school seniors who exhibit outstanding projects in the Montgomery County Science Fair and profess an interest in majoring in chemistry. A completed application packet must be submitted to the APSU Chemistry Department by March 20. For further information contact the Department of Chemistry, APSU Box 4547, telephone (931) 221-7626.

**Professional Chemist Alumni Scholarships.** The Chemistry Department will award renewable \$1,000 scholarships to entering freshmen who have a great interest in conducting scientific research and who choose the ACS Certified Chemistry major. The recipient of this scholarship must be in the top ten percent of his/her high school graduating class, have a minimum ACT Composite score of 25 or SAT of 1130, and a minimum cumulative high school GPA of 3.0 (on a 4.0 scale). A completed application packet must be submitted to the Department of Chemistry by February 15. For further information contact the Department of Chemistry, APSU Box 4547, telephone (931) 221-7626.

## COMMUNICATION

**Tammy Jo Milliken Memorial Scholarship in Communication and Theatre.** This scholarship was established in 1988 in memory of Tammy Joe Milliken. Her parents, Ruth and Ervin Milliken, APSU alumna, established an endowment to create this scholarship, which is to be awarded each calendar year to a graduate of Northwest High School in Montgomery County. The recipient of this scholarship must be in the upper 25 percent of the high school graduating class, have a minimum ACT Composite score of 20 and minimum cumulative GPA of 3.0 (on a 4.0 scale), be an entering freshman at Austin Peay, and should be planning to major in Communication and Theatre. This scholarship can be renewed for subsequent academic years, provided a minimum 3.0 cumulative GPA is maintained each year. The monetary

value of the scholarship will vary after the freshman year. The student must complete a minimum of 12 hours each semester. Selection is made by the Chair of the Communication and Theatre Department based on recommendations by department faculty members and the Northwest High school principal and faculty. This scholarship award is \$1,500 for the first year and can apply to tuition, fees, books, housing, meals or any other college-related expenses. Application forms are available in the guidance office at Northwest High School or the Communication and Theatre Department at APSU. For further information contact the Department of Communication and Theatre, APSU Box 4446, telephone (931) 221-7378. (Also listed under Theatre)

**Performance Scholarships.** Performance scholarships, which include work requirements, are granted to students interested in Art, Music, Communication and Theatre, Creative Writing, and Student Publication. Communication and Theatre majors should contact the Chair, Department of , Communication and Theatre. APSU Box 4446, telephone (931) 221-7378. Students also may contact the Center for Creative Arts for information about scholarships in art, creative writing, music, and theatre, APSU Box 4666, telephone (931) 221-7876. (Also listed under Art, Creative Writing, Music, Theatre and Open)

## COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

**George Brotherton Memorial Scholarship.** Friends of Mr. Brotherton provide this scholarship. Eligible students must be enrolled full-time in the Computer Science and Information Systems program, maintain a minimum 3.0 cumulative GPA in the major, and exemplify those qualities that characterized Mr. Brotherton. The recipient will be announced at the Spring Awards Day ceremony. For further information contact the Department of Computer Science and Information Technology, APSU Box 4626, telephone (931) 221-7833.

**The Donald Wallar Computer Science Scholarship.** Established in June of 2000 by Mr. Donald Wallar, a computer science graduate of Austin Peay. Two scholarships are available; one in the amount of \$1,000 for a

junior computer science major and one in the amount of \$1,500 for a senior computer science major. Selection will be made by computer science faculty based on criteria established by the donor. For further information and to apply for either of these scholarships, please contact the Department of Computer Science and Information Technology, APSU Box 4626, telephone (931) 221-7833.

## CREATIVE WRITING

**Performance Scholarships.** Performance scholarships, which include work requirements, are granted to students interested in Art, Music, Communication and Theatre, Creative Writing, and Student Publication. Communication and Theatre majors should contact the Chair, Department of, Communication and Theatre. APSU Box 4446, telephone (931) 221-7378. Students also may contact the Center for Creative Arts for information about scholarships in art, creative writing, music, and theatre, APSU Box 4666, telephone (931) 221-7876. (Also listed under Art, Communication, Music, Theatre and Open)

## EDUCATION

**Mary Florence Betts Endowed Scholarship.** The many friends of long-time educator Mary Florence Betts established this endowment. This endowment is designed to benefit Education students. For further information contact the School of Education, telephone (931) 221-7696.

**Hazel Dennis Bryant Memorial Education Scholarship.** This scholarship is in memory of an Austin Peay graduate, Hazel Bryant, who taught nearly 50 years in Stewart County, Tennessee. The scholarship recipient must be from Stewart County and admitted to the teacher preparation program. A minimum GPA of 3.0 is required. Recipient may have other scholarships. The scholarship is renewable, but recipient must reapply. For further information and to apply, please call the Education Department at (931) 221-7511.

**The Clarksville-Montgomery County Retired Teachers' Scholarship.** Each spring a scholarship of approximately \$1,000 will be awarded to an undergraduate Tennessee resident who has been admitted to the teacher education program. Consideration will be given to a résumé of professional and academic

activities, a statement of financial need and other information noted on the application form. Application forms will be available by February 1 in the Education Office and must be completed and returned to the address on the form by March 15.

**Hendon-Stokes Scholarships.** Given by Dr. Elizabeth Hendon Stokes, the late Walter L. Hendon, Jr., and Dr. William G. Stokes, in memory of their parents, Walter L. and Gertrude Hendon and Glenn and Lurlene Stokes. These scholarships are for majors in mathematics and computer science or special education. Awards are based on need or merit as determined by the appropriate department faculty, with each department being given the opportunity to award a \$500 annual scholarship. For further information contact the School of Education, APSU Box 4428, telephone (931) 221-7696. (Also listed under Computer Science and Mathematics)

**The Donald B. Lambert Endowed Scholarship.** Dr. Lambert, former professor of Education and department chair, has established two \$1,000 scholarships of the many teachers in his family. Recipients must be full-time students and admitted to the teacher education program. For further information contact the School of Education, (931) 221-7696.

**Kenneth Landrum and Amy Hope Landrum Scholarships.** An endowment established in 2002 will provide scholarship awards to the areas of Mathematics and Elementary Education. Interest on the endowment will fund the awards. Preference will be given to residents of Montgomery and Stewart counties. Awards will be one-time and non-renewable. For further information contact the School of Education, APSU Box 4428, telephone (931) 221-7696. (Also listed under Mathematics.)

**Kendrick Rudolph Memorial Scholarship.** Established by the family of Kendrick Rudolph, this endowed scholarship provides a \$750 award to a graduate student at Austin Peay pursuing a master's degree in education. Students must have a demonstrated interest in pursuing a career in special education. Selection will be made by the Education Department Scholarship Committee. Scholarship is a one-time award, but recipient may reapply. For further information contact the School of Education, (931) 221-7511, P.O. Box 4428.

## ENGINEERING TECHNOLOGY

**The John W. Porter Memorial Scholarship.** The Engineering Technology Department based on academic potential awards this scholarship. A 3.0 GPA is required to receive and maintain the scholarship. For further information, contact the Engineering Technology Department, (931) 221-1470.

## ENGLISH

**The Judge William O. Beach Endowed Scholarship Fund.** This scholarship will be awarded to a rising junior majoring in English. The recipient will be chosen on the basis of academic ability. An ACT Composite score of at least 24 is required. Financial need may also be considered. Award is for one year; recipient must reapply each year and maintain an annual minimum 3.0 GPA. Recipient will be chosen by the Scholarship Committee with recommendation from the chair of the Department of Languages and Literature. For further information, contact: Scholarship Committee Chair, Department of Languages and Literature, APSU Box 4487, telephone (931) 221-7891.

**Claiborne-Woodward Scholarship in Languages and Literature.** Scholarship funds are provided to a student majoring or minoring in Journalism, French, German, Latin, Spanish, or Writing who has attained junior or senior status. The recipient will be selected from department faculty nominations. For further information contact, Scholarship Committee Chair, Department of Languages and Literature, APSU Box 4487, telephone (931) 221-7891.

## HEALTH AND HUMAN PERFORMANCE

**Frank and Gladys E. Buhler Scholarship in Health and Human Performance.** This scholarship was established in 1988 by the Buhler family and is awarded annually to a junior majoring in health and human performance. Student must have a minimum 2.75 cumulative GPA to be considered for the award, and it may be renewed if the GPA is maintained. Student must demonstrate leadership skills and high potential for a career in the health and human performance field. Selection is made by the Chair of the Department of Health and Human Performance based on

recommendations from department faculty. For further information contact the Department of Health and Human Performance, APSU Box 4445, telephone (931) 221-6111.

**The Hollie Walker Memorial Scholarship in Health & Human Performance.** This scholarship was established in 2000 in memory of Dr. Hollie Walker, Jr., a professor in Health & Human Performance. A book scholarship or scholarships will be provided annually to an African-American graduate gerontology student. The scholarship is a one-time award, non-renewable. Financial need and scholastic achievement will be considered in the selection process. For further information, please contact the Health & Human Performance Department at (931) 221-6111.

### HISTORY & PHILOSOPHY

**The Preston Hubbard Scholarship.** This scholarship will be awarded annually in the amount of \$500 to a rising freshman (24-36 semester hours) with a declared history major. Recipient will have at least 6 SH in history from among HIST 1210, HIST 1220, HIST 2010, HIST 2020. A 4.0 GPA in history and an overall GPA of 3.5 are required. This scholarship will be presented at the annual awards day ceremony. For further information, please contact the Department of History, APSU Box 4486, Clarksville, TN 37044, (931) 221-7919.

**The Fred Seip, Jr. Memorial Scholarship in History.** This endowed scholarship, established in 1992, provides a \$500 annual award to a junior or senior with a declared major in history. Selection will be based on need and will be made by the General Scholarship Committee from recommendations by the chair of the History Department. An annual minimum cumulative GPA of 3.0 and continuing progress toward a degree in history are required for renewal. For further information contact the History Department, APSU Box 4486, telephone (931) 221-7919.

### HONORS PROGRAM

**Honors Program Scholarships.** Supplemental scholarships for freshmen enrolling each year in the Honors Program will be granted; \$500 may be added to other scholarships, up to the University limit. Honors Scholars will be chosen on the basis of high school records, with attention given to both

academic and non-academic accomplishments and recommendations. The applicant must have achieved a minimum ACT of 28 (1240 on SAT) and a 3.0 GPA. The recipient must be enrolled in the Honors Program and maintain satisfactory standards in that program. The stipend will be subject to renewal each year the student remains in the Honors Program with acceptable performance, in the judgment of the Honors Council. For further information contact Coordinator of the Honors Program, APSU Box 4447, telephone (931) 221-7714.

### JOURNALISM

**The Williamson-Kanervo Scholarship.** This scholarship was established by Drs. Ellen and David Kanervo in 1988 in honor of their parents, Margery and Kibler Williamson and Mary and Arvo Kanervo. This is an endowed scholarship that will be awarded annually to a rising junior. The recipient must be a student in the area of political science or journalism. The Departments of Political Science and Journalism and the Office of Admissions will make recommendations to the General Scholarship Committee. The best qualified student from these two academic areas will be selected. The scholarship award will be \$500. When the corpus has grown to a sufficient size that an additional \$500 scholarship may be provided without reducing the corpus, a second scholarship will begin, one in journalism and one in political science. The recipient must be enrolled full-time with a minimum 3.0 cumulative GPA required for each semester. The recipient will be required to work two hours per week in the department of the student's major. For further information contact the Department of Communication and Theatre, APSU Box 4446, telephone (931) 221-7378. (Also listed under Political Science)

### MATHEMATICS

**Hamel Scholarship.** Established in 1999 by the Hamel Family (Tom, Nancy, Daniel and Paul), this fund provides a scholarship to a promising incoming student wishing to major in mathematics. A committee composed of mathematics faculty will select recipients. For further information contact the Department of Mathematics, APSU Box 4626, telephone (931) 221-7833.

**Hendon-Stokes Scholarships.** Given by Dr. Elizabeth Hendon Stokes, the late Walter L. Hendon, Jr., and Dr. William G. Stokes, in memory of their parents, Walter L. and Gertrude Hendon and Glenn and Lurlene Stokes. These scholarships are for majors in mathematics and computer science or special education. Awards are based on need or merit as determined by the appropriate department faculty, with each department being given the opportunity to award \$500 annual scholarship. For further information contact the Department of Mathematics, APSU Box 4626, telephone (931) 221-7833. (Also listed under Education and Computer Science)

**Kenneth Landrum and Amy Hope Landrum Scholarships.** An endowment established in 2002 will provide scholarship awards to the areas of Mathematics and Elementary Education. Interest on the endowment will fund the awards. Preference will be given to residents of Montgomery and Stewart counties. Awards will be one-time and non-renewable. For further information contact the Department of Mathematics, APSU Box 4626, telephone (931) 221-7833. (Also listed under Education.)

**Mathematics Scholarship.** The Scholarship is awarded to students who show outstanding potential and are majoring in mathematics or majoring in computer science with a minor in mathematics. For further information contact the Department of Mathematics, APSU Box 4626, telephone (931) 221-7833. (Also listed under Computer Science)

## MILITARY SCIENCE

**Brigadier General G.H. Weems Army ROTC Scholarships.** Two \$200 scholarships are awarded annually in memory of BG Weems, a native of the Montgomery and Dickson County areas. Recipients must be advanced course or MS II cadets with a minimum cumulative GPA of 2.0 and minimum ROTC GPA of 3.0. For further information contact the Military Science Department, APSU Box 4535, telephone (931) 221-6155.

**Retired Officers Association Scholarship.** A \$500 leadership scholarship has been established for a qualified APSU student who is interested in a military career. The recipient must be a Military Science cadet from Kentucky or Tennessee who has successfully completed two consecutive semesters of

military science. A minimum cumulative GPA of 2.5 is required, with a minimum ROTC GPA of 3.0. For further information contact the Military Science Department, APSU Box 4535, telephone (931) 221-6155.

**US Army ROTC Program.** The US Army ROTC Scholarship Program provides financial assistance to outstanding high school graduates and selected college students. Four-year scholarships are offered on a competitive basis to high school seniors who will be eligible as University freshman by the time they are awarded. Two-year or three-year scholarships are available to qualified APSU students. The Army ROTC scholarship pays for tuition, textbooks, laboratory fees and other purely educational expenses. It also provides the recipient up to \$400 per month, tax-free subsistence allowance for the duration of the award (maximum ten months per year). For further information contact the Military Science Department, APSU Box 4535, telephone (931) 221-6155.

## MUSIC

**Thomas Cowan Endowed Music Scholarship.** This scholarship was established by the late Mary Louise Cowan in memory of her husband and will be awarded in the amount of \$1,500 annually to a deserving music student. For further information contact the Chair of the Music Department, telephone (931) 221-7818.

**Freeman/Meise Music Scholarship.** Perkins and Ruth Freeman established this scholarship in 1988 in honor of their daughter and son-in-law, Cindy and Michael Meise, who are both APSU alumni. This scholarship award is \$1,000 per year and awarded on an annual basis to a student majoring in music. Administered by the Director of the Center of Excellence in Creative Arts, this scholarship is subject to renewal provided successful progress toward completion of a degree is maintained. For further information and/or an application contact the Center of Excellence in Creative Arts, APSU Box 4666, telephone (931) 221-7876.

**Friends of the Arts Scholarship.** The Friends of the Arts provide three scholarships per year to students majoring in each of the three applied areas of the arts: Art, Music and Theatre. Recipients must be rising sophomores who do not have a performance scholarship, but may have other types of aid. Recipients

must have a minimum 3.0 cumulative GPA for their first year at Austin Peay and must retain a minimum 3.0 cumulative GPA for renewal. Renewal also is contingent upon the continued availability of funds. For further information, contact the Center for the Creative Arts, APSU Box 4666, telephone (931) 221-7876.

**James Marvin Hayes, Jr. Music Scholarship.** This scholarship was established in 2002 by Mrs. Betty Hayes and family to honor the memory and military service of Mr. James Marvin Hayes, Jr. Interest on the endowment will fund the award for an outstanding student majoring in music with preference given to those who have served in the military or their dependents. A minimum GPA of 2.5 is required for consideration. For further information contact the APSU Music Department, telephone (931)221-7818.

**Sarah Kershner Lisenbee Music Scholarship.** Mr. William Kershner and his sisters, Mrs. Sarah Jane Grant and Mrs. Molly Cook, established this scholarship in memory of their mother. This one-year scholarship provides \$500 to promising music majors, with preference given to piano students. Preference is also given to students from Montgomery, Stewart and Houston counties, but awards are not limited to residents of those counties. For more information contact the APSU Music Department, (931) 221-7818.

**Mabry Music Scholarship.** Drs. George and Sharon Mabry established this scholarship. It is to be awarded to a student majoring in vocal music. The scholarship is subject to renewal provided acceptable standards are maintained. For further information, contact the Director of the Center for Creative Arts, APSU Box 4666, telephone (931) 221-7876.

**Mary Ann Moses Memorial Scholarship.** This scholarship provides a scholarship to a Clarksville High School vocal student entering as a freshman music major. The scholarship can be renewed if the current recipient maintains a minimum 3.0 cumulative GPA and progresses toward a music degree and there is no incoming student who qualifies. For more information contact the Chair of the Music Department at (931) 221-7818.

**Monday Evening Music Club Piano Scholarship.** This scholarship provides a \$1,000 annual award to a music major in piano, who makes the most significant contribution to the department and demonstrates notable improvement in musical

development and performance. The award is presented at a student recital each semester. Selection is made by Music Department faculty. For further information contact the APSU Music Department, telephone (931) 221-7818.

**Performance Scholarships.** Performance scholarships that include work requirements are granted to students interested in Art, Music, Communication and Theatre, Creative Writing, and Student Publication. Communication and Theatre majors should contact the Chair, Department of, Communication and Theatre, APSU Box 4446, telephone (931) 221-7378. Students also may contact the Center for Creative Arts for information about scholarships in art, creative writing, music, and theatre, APSU Box 4666, telephone (931) 221-7876. (Also listed under Art, Creative Writing, Music, Theatre and Open)

**Presser Foundation Scholarship.** Created by music publisher Theodore Presser, the Presser Foundation provides funds to the Austin Peay Department of Music to award to an outstanding music major. The Presser Foundation chose Austin Peay to receive scholarship funds based on the quality of their Music Department. For information on this scholarship contact the APSU Music Department, telephone (931) 221-7818.

**LaRue V. Pryor Music Scholarship.** Scholarship will be given to a qualified student from Clarksville High School who plans to major in Choral Music and/or Music Education. Student must be full-time and retention is possible for up to five years provided a minimum 3.0 cumulative GPA is maintained. For further information contact the APSU Music Department Chair, telephone (931) 221-7818.

**Resthaven Music Scholarship.** This scholarship is provided by Resthaven Memorial Gardens, Inc. in honor of Dr. Solie Fott, Professor Emeritus of Music and former department chair. The scholarship is \$500 per semester for music majors in piano or voice who are at the level of junior or above. For more information contact the Chair of the Music Department at (931) 221-7818.

**The Tarpley Scholarships.** Madison Street United Methodist Church of Clarksville, Tennessee, is proud to offer The Tarpley Scholarships to musically talented, full-time students who are in good standing with the university. These scholarships are in memory of Durward Tarpley, organist at MSUMC



from 1954-1979. These are four scholarships available in the amount of \$600 each per semester. For applications and further information, please contact Luke Churchill, Director of Music Ministries, MSUMC, P.O. Box 864, Clarksville, TN 37041-0864, phone (931) 647-0221.

## NURSING

**E. O. Bradley, Sr. Scholarships.** Scholarships, established through trust fund, are awarded annually to students who have completed successfully the first year of nursing courses. The scholarships will pay certain education fees for the recipients. For further information contact the School of Nursing, APSU Box 4658, telephone (931) 221-7710.

**Melynda Collins Carrigan Memorial Nursing Scholarship.** This scholarship was established in 1987 by Dr. Vernon M. Carrigan in memory of his wife, Melynda, and provides \$500 annually to a nursing student in the junior or senior year. Selection is based upon financial need and scholastic ability. The General Scholarship Committee makes selection based on recommendations from the Nursing Department. For further information contact the School of Nursing, APSU Box 4658, telephone (931) 221-7710.

**Martha Caldwell Charlet Nursing Scholarship.** This scholarship is awarded annually to a student interested in the field of nursing. It may be continued for a second year. Conditions of the scholarship require that the student must be domiciled in Montgomery, Houston, Cheatham, Stewart, Humphreys, or Robertson Counties of the State of Tennessee, or Christian, Logan, Todd, or Trigg Counties of the Commonwealth of Kentucky, and that the recipient accept a position at Clarksville Memorial Hospital if one is available after graduation. For further information contact the School of Nursing, APSU Box 4658, telephone (931) 221-7710.

**Cheatham County Health Care Scholarship.** This scholarship was established in 1968 by Cheatham County Health Care Associates and provides \$500 per academic year (divided equally over two semesters) to a graduate of Cheatham County Central High School planning to enter APSU as a full-time student majoring in a health-care related field. This scholarship may be renewed provided the student maintains a minimum 3.0 cumulative GPA as of the second semester, and is enrolled

full-time in a health-care-related field. If there are no applicants from Cheatham County Central High School, this scholarship will be offered to a graduate of Harpeth High School. Awards are made by May 1. Graduating seniors should apply through the high school guidance office by March 31. Selection will be made by the Cheatham Health Care Associate Scholarship Committee and will be announced at the annual awards banquet.

**Mandy Cianos Memorial Scholarship.** This endowed scholarship, established and awarded by the Austin Peay Nursing Alumni Chapter, is awarded annually to a junior or senior who has been accepted into the APSU School of Nursing. For further information contact a member of the Nursing Alumni Chapter or the School of Nursing at (931) 221-7710.

**Gateway Memorial Hospital Nursing Scholarships.** Gateway provides eight nursing scholarships per year, four to junior nursing students and four to senior nursing students. The scholarship award will cover tuition and fees, and renewal is possible for those awarded at the junior level. There are certain requirements placed on this scholarship, and the recipient must sign an agreement before the monetary award can be made. For further information contact the School of Nursing, APSU Box 4658, telephone (931) 221-7710.

**HCA Scholarships.** The Hospital Corporation of America provides a number of generous scholarships to Austin Peay Nursing students. A contractual relationship is required obligating the recipient to work at an HCA facility following graduation from Austin Peay State University. For further information contact the School of Nursing at (931)221-7710.

**Smith Memorial Nursing Scholarship.** This endowed scholarship was established in memory of Capts. Patrick and Rosemary Smith by the Hilldale Civitan Club of Clarksville. Scholarships are awarded annually to junior and/or senior nursing students. For further information contact the School of Nursing, telephone (931) 221-7710.

**Bryan Russell Vaughn Memorial Nursing Scholarship.** This endowed scholarship, established by the family of Bryan Russell Vaughn, is awarded to a qualified nursing student. For further information contact the School of Nursing, telephone (931) 221-7710.

**The Alex P. Wootton, Jr. Memorial Scholarship.** This scholarship was established in 1990 by Mr. and Mrs. Mark S. Raby in recognition of Mrs. Raby's father's dedication to the community and significant involvement in public service. This is an endowed scholarship to be awarded to a student in financial need who participates in volunteer service with a special interest toward enhancing the safety and welfare of citizens (such as emergency medical services, rescue squad, volunteer fire department, etc.). The scholarship will be awarded in the amount of \$250 annually and may be renewed provided the student maintains a minimum 3.0 cumulative GPA. The recipient must have a minimum ACT Composite score of 22. The scholarship is restricted to nursing students. For more information contact the School of Nursing, APSU Box 4658, telephone (931) 221-7710.

## PHYSICAL EDUCATION

(See Health and Human Performance)

## PHYSICS

**The M. R. Mayfield Scholarship in Physics.** This scholarship is awarded from funds contributed by students and friends of M. R. Mayfield. It is designed to assist a student in obtaining an education in physics at APSU. This scholarship is typically awarded to a student who has had one year of physics at APSU. For further information contact the Department of Physics, APSU Box 4608, telephone (931) 221-6116.

## POLITICAL SCIENCE

**George O. Albright Scholarship.** This endowed scholarship was established by the estate of the late George O. Albright, an Austin Peay alumnus. Preference will be given to a native of Montgomery County, Tennessee. The scholarship is for an upper-level political science or pre-law student with a genuine interest in the law. For further information, contact the Political Science Department, (931) 221-7515, P.O. Box 4748.

**Odell M. Hargis Memorial Scholarship.** This scholarship was established by Austin Peay alumnae Jolyn Pope in memory of her grandfather, Odell Hargis. The scholarship will be \$1,000 annually to a full-time sophomore, junior or senior. Strong preference will be given to a student majoring

in political science. Overall GPA of 3.0 and major GPA of 3.25 required. Awards will be one-time, but recipient may reapply. Preference also given to student participating in mock trial and a graduate of a public high school. For further information contact the Political Science Department (931) 221-7515, P. O. Box 4748.

### Truman Hester Memorial Scholarship.

The Montgomery County Republican Women's Club sponsors this scholarship awarded to a sophomore, junior, or senior political science major with a minimum 3.0 cumulative GPA. Past recipients may reapply for the scholarship. For further information contact Dr. David Kanervo at (931) 221-7515.

### Montgomery County Bar Association -

#### John H. Peay Scholarship.

This scholarship was established in 2000 to honor the retirement of Judge John Peay. The \$500 annual scholarship is for a junior or senior pre-law student with a minimum GPA of 3.0. Selection will be made by the Political Science department scholarship committee. The award is for one year, but junior recipients may reapply. Recipient must have a strong desire to attend law school and pursue a career in law. For further information, contact the Political Science Department, (931) 221-7515, P.O. Box 4748.

#### The Williamson-Kanervo Scholarship.

Drs. Ellen and David Kanervo established this scholarship in 1988 in honor of their parents, Margery and Kibler Williamson and Mary and Arvo Kanervo. This is an endowed scholarship that will be awarded annually to a rising junior. The recipient must be a student in the area of political science or journalism. The Departments of Political Science and Journalism and the Office of Admissions will make recommendations to the General Scholarship Committee. The best-qualified student from these two academic areas will be selected. The scholarship award will be \$500. When the corpus has grown to a sufficient size that an additional \$500 scholarship may be provided without reducing the corpus, a second scholarship will begin, one in journalism and one in political science. The recipient must be enrolled full-time with a minimum 3.0 GPA required for each semester. The recipient will be required to work two hours per week in the department of the student's major. (Also listed under Journalism) For further information contact the Department

of Political Science, APSU Box 4748, telephone (931) 221-7515.

### **PRESIDENT'S EMERGING LEADERS PROGRAM**

**The President's Emerging Leaders Scholarships.** A limited number of scholarships in the amount of \$3,000 per academic year will be awarded to entering freshmen that have demonstrated potential to benefit from leadership training. Entering freshman must have a minimum GPA of 3.0 or above and show evidence of participation in high school and community activities, as well as evidence of leadership qualities as denoted by participation in activities. Three letters of reference will be required of all applicants; one should be from an academic person and one from a person representing a community resource. Interviews are required. Application forms may be obtained from the Director of the President's Emerging Leaders Program, APSU Box 4718, telephone (931) 221-7677, or from the Office of Admission and submitted by February 15. For additional information contact the Office of Admissions, APSU Box 4548, telephone (931) 221-7661 or toll free at 1-800-844-APSU (2778)

The President's Emerging Leaders Program scholarships are funded by the following endowments individually:

- Acme Boot Emerging Leaders Scholarship
- Ard Emerging Leaders Scholarship
- Bank of America Emerging Leaders Scholarship
- Batson Emerging Leaders Scholarship
- Finely-Gracey Emerging Leaders Scholarship
- First Federal Emerging Leaders Scholarship
- Friedman Emerging Leaders Scholarship
- Halbert Harvill Emerging Leaders Scholarship
- Harvill Emerging Leaders Scholarship
- Heritage Bank Emerging Leaders Scholarship
- Vernon Jenkins Emerging Leaders Scholarship
- Kimbrough Emerging Leaders Scholarship
- William and Maud Kleeman Emerging Leaders Scholarship
- Leaf-Chronicle Emerging Leaders Scholarship
- Richardson Emerging Leaders Scholarship
- Rotary Club of Clarksville Emerging Leaders Scholarship
- TRVW Emerging Leaders Scholarship
- James E. Thomas Emerging Leaders Scholarship

Trane Emerging Leaders Scholarship  
Turner Family Emerging Leaders Scholarship

### **PSYCHOLOGY**

**The Anthony Rinella Scholarship.** This endowed scholarship was established by former Austin Peay President Dr. Sal Rinella and his wife, Pat, in honor of Dr. Rinella's brother, Anthony. The scholarship is awarded annually to a graduate Psychology student. The recipient must be full-time and majoring in school psychology. A number of qualitative factors will be considered in the selection process. For further information, contact the Psychology Department, (931) 221-7233, P.O. Box 4537.

### **ROTC**

(See Military Science)

### **SOCIAL WORK**

**Joseph Richardson and Evelyn and James Nixon Social Work Scholarship.** These scholarships are awarded each Spring to social work majors. An applicant must have been accepted into the social work program, and the scholarships are based on academic achievement and potential, need, and contributions to the community. Money for these scholarships comes primarily from previous social work graduates. For further information contact the Department of Social Work, APSU Box 4656, telephone (931) 221-7730.

### **SOCIOLOGY**

**Mary Keller Cox Faculty Scholarships.** These scholarships have been established by faculty members of the Sociology Department and are awarded annually to students majoring in the department. Selection is based on academic achievement and potential. For further information contact the Department of Sociology, APSU Box 4656, telephone (931) 221-7730.

### **THEATRE**

**Ann Edwards Brown Memorial Scholarship.** The family and friends of the late Ann Edwards Brown established this scholarship in 1989. Applicants for the scholarship may be entering freshmen that intend to major in theatre or currently enrolled students who are majors in theatre. Selection

will be based on the student's financial need in conjunction with a serious commitment to theatre. Application may be made by letter to the Department of Communication and Theatre. For further information contact the Department of Communication and Theatre, APSU Box 4446, telephone (931) 221-7378.

**Friends of the Arts Scholarship.** The Friends of the Arts provide three scholarships per year to students majoring in each of the three applied areas of the arts: art, music, and theatre. Recipients must be rising sophomores who do not have a performance scholarship, but may have other types of aid. Recipients must have a minimum 3.0 cumulative GPA for their first year at Austin Peay and must retain a minimum 3.0 cumulative GPA for renewal. Renewal also is contingent upon the continued availability of funds. For further information, contact the Center for the Creative Arts, APSU Box 4666, telephone (931) 221-7876. (Also listed under Art and Music)

**Mary Carole Griffin Memorial Scholarship.** This scholarship was established in 1974 in memory of Mary Carole Griffin, theatre student and beloved daughter of Mr. and Mrs. John Griffin. Applicants for this scholarship may be entering freshmen who intend to major in theatre or currently enrolled students who are majors in theatre. For further information contact the Department of Communication and Theatre, APSU Box 4446, telephone (931) 221-7378.

**Tammy Jo Milliken Memorial Scholarship in Communication and Theatre.** This scholarship was established in 1988 in memory of Tammy Joe Milliken. Her parents, Ruth and Ervin Milliken, APSU alumna, established an endowment to create this scholarship, which is to be awarded each calendar year to a graduate of Northwest High School in Montgomery County. The recipient of this scholarship must be in the upper 25 percent of the high school graduating class, have a minimum ACT Composite score of 20 and an overall minimum GPA of 3.0 (on a 4.0 scale), be an entering freshman at Austin Peay, and should be planning to major in Communication and Theatre. This scholarship can be renewed for subsequent academic years, provided a minimum 3.0 cumulative GPA is maintained each year. The monetary value of the scholarship will vary after the freshman year. The student must complete a minimum of 12 hours each semester. Selection

is made by the Chair of the Communication and Theatre Department based on recommendations by department faculty members and the Northwest High school principal and faculty. This scholarship award is \$1,500 for the first year and can apply to tuition, fees, books, housing, meals or any other college-related expenses. Application forms are available in the guidance office at Northwest High School or the Communication and Theatre Department at APSU. For further information contact the Department of Communication and Theatre, APSU Box 4446, telephone (931) 221-7378.

**Michael Scott Norris Memorial Scholarship.** This scholarship was created in 1984 in memory of Michael Scott Norris, beloved son of Ted and the late Rosemary Norris. Applicants for this scholarship may be entering freshmen that intend to major in theatre or currently enrolled students who are majors in theatre. High potential for achievement in the theatre and high motivation will be the principal criteria for selection. Application may be made by letter to the Department of Communication and Theatre. For further information contact the Department, APSU Box 4446, telephone (931) 221-7378.

**Performance Scholarships.** Performance scholarships, which include work requirements, are granted to students interested in Art, Music, Communication and Theatre, Creative Writing, and Student Publication. Communication and Theatre majors should contact the Chair, Department of Communication and Theatre, APSU Box 4446, telephone (931) 221-7378. Students also may contact the Center for Creative Arts for information about scholarships in art, creative writing, music, and theatre, APSU Box 4666, telephone (931) 221-7876. (Also listed under Art, Communication, Creative Writing, Music, and Open)

## OPEN SCHOLARSHIPS (Not related to Major)

**Freshmen Academic - Presidential Scholarships.** These competitive scholarships are available to high school seniors who rank in the upper 25 percent of their graduating classes, have minimum ACT composite scores of 20 (940 SAT), minimum cumulative GPA's of 3.0 (on a 4.0 scale), and demonstrate

leadership ability through participation in extracurricular activities. These students must be entering college for the first time in the fall after graduating the previous spring. Award amounts range from \$500 - \$5500 per year. A minimum GPA of 2.8 per semester and a minimum of 3.0 cumulative GPA at the conclusion of the academic year are required for students to renew their scholarships. Students must complete a minimum of 12 hours each semester and a minimum of 28 hours per academic year. A student who forfeits his/her scholarship for any of the above reasons may be eligible for consideration after the lapse of a least one full semester or summer term and the attainment of the minimum GPA required for the scholarship. This reinstatement allowance can be exercised only one time by the scholarship recipient and is conditional on funds being available. Since state funds are used for these scholarships, recipients are required to work six hours per week per semester. Students are given work assignments related to their major academic interest. Scholarship application forms may be obtained from high school guidance counselors or online and sent to the Office of Admissions along with an application for admission by February 15. For further information contact the Office of Admissions, APSU Box 4548, telephone (931) 221-761 or 1-800-844-2778 (option 7.)

**Vic Albright Scholarship.** This scholarship of \$1,000 annually is awarded to a student of any major who is a rising junior and the child or spouse of a citizen active in law enforcement in Montgomery County, Tennessee. Selection by the General Scholarship Committee of the University will be based upon need and solid academic credentials. A student not receiving federal need-based assistance is preferred. A minimum 2.5 cumulative GPA is required for retention of the scholarship. For further information contact the Student Financial Aid Office, APSU Box 4598, telephone (931) 221-7907.

**APSU National Alumni Association Scholarships.** These scholarships are awarded annually to incoming freshmen as available. The scholarship award provides \$1,000 annually and may be renewed provided the recipients maintain acceptable standards as set by the APSUNAA. Students must be enrolled in a minimum of 12 hours per semester. Recipients must work six hours per

week in the Alumni and Annual Giving Office. For further information contact the Director of Alumni and Annual Giving, APSU Box 4676, telephone (931) 221-7979.

**APSU Women's Club Scholarship.** Given by the University Women's Club in memory of Mrs. Halbert Harvill, this scholarship is awarded annually and pays approximately \$700 per semester. For further information contact the University Women's Club, APSU Box 4476, Clarksville TN 37044.

**Balanced Man Scholarship.** Sigma Phi Epsilon awards a scholarship to an incoming freshman male who exemplifies the characteristics of a Balanced Man. Those characteristics include visible strengths as a Scholar, Leader, Athlete, and a Gentleman. The young man who displays excellence in these areas by living a Balanced Life will be rewarded with a onetime scholarship award of \$500. To request an application please call (931) 221-6670. Deadline for application is May 1.

**Beta Sigma Phi (Laureate Eta Chapter) Scholarship.** This scholarship provides a \$700 annual scholarship to a female, non-traditional student, junior or senior status. Financial need is heavily considered and recipient must make academic progress and be committed to obtaining a degree in her chosen field. Recipient may reapply for scholarship. For further information, contact the Student Financial Aid Office (931) 221-7907, P.O. Box 4476.

**Beta Sigma Phi (Xi Beta Alpha Chapter) Scholarship.** This scholarship, established in 1991 by the Xi Beta Alpha Chapter of Beta Sigma Phi, provides \$400 per semester to a female, non-traditional, undergraduate student. Recipient must show academic promise and be enrolled either part-time or full-time. Financial need may be considered. Scholarship can be renewed for up to four years provided continued academic promise is shown. For further information contact the Student Financial Aid Office, telephone (931) 221-7907.

**Lafayette Briggs Memorial Scholarship.** Established by the family of Lafayette Briggs, this endowed scholarship provides a \$2,500 annual award to a graduate of Stewart County High School and is renewable based on academic progress. For further information contact the Office of Admissions, telephone

(931) 221-7661 or toll free at 1-800-844-APSU (2778).

**Clarksville Business and Professional Women's Club Scholarship.** This scholarship, based on financial need and GPA, is given as an annual award to a young woman in a business or professional field by the Clarksville Business and Professional Women's Club. The recipient is selected by members of the Club. Interested persons should submit a letter stating financial need, GPA, and background to Clarksville B&PW Scholarship Committee, P.O. Box 584, Clarksville, TN 37041. (Also listed under Business)

**Community College Academic Honors Scholarships.** These scholarships are available to community college transfer students from Tennessee or Hopkinsville Community College. They may be renewed for up to three semesters. Recipients must have received an associates degree or completed two years at the community college and have achieved a minimum 3.5 cumulative GPA. Recipients may receive up to \$2,400 per year for two academic years if renewal criteria is met. A minimum GPA of 3.0 per semester and a minimum 3.2 cumulative GPA are required for students to renew their scholarships. Students must complete a minimum of 12 credit hours per semester and a minimum of 28 credit hours per academic year. Students who forfeit the scholarship for any reason may be eligible for consideration of reinstatement by completing an appeal form available in the Office of Student Financial Aid/Veterans Affairs. This reinstatement allowance may be used only one time and is conditional on availability of funds. Applications must be submitted to APSU by April 15. For further information, contact the Office of Admissions, APSU Box 4548, telephone (931) 221-7661, or toll free at 1-800-844-APSU (2778).

**Maria Daniel and Tammy Yarbrough Memorial Scholarship.** The parents of Maria Daniel, Mr. and Mrs. Noah Daniel established this scholarship. Maria and Tammy were Austin Peay students from Dickson County who were killed in an automobile accident in 1990. The annual \$1,000 award is made to a graduating senior from Dickson County High School. The guidance department at Dickson County High School will make the selection and notify the University Advancement Office at Austin Peay

(931) 221-7127 the name of the recipient to process the scholarship award. This scholarship is not renewable but is for a period of one year, \$500 per semester.

**edScholar Scholarships.** edSouth Funding and edAmerica Servicing agree to annually provide Austin Peay State University with four \$4,250 scholarships. Recipients must be Tennessee residents with an ACT score of 23 and high school GPA of 3.25. Scholarships may be renewed if certain academic criteria are maintained. For further information, please contact the Office of Admissions, APSU Box 4548, telephone (931) 221-7661, or toll free at 1-800-844-APSU (2778).

**Gamma Beta Phi Scholarship.** Established in 1989, this scholarship will provide \$100 per semester to an incoming freshmen majoring in any academic area. A minimum 3.5 GPA is required and a minimum ACT Composite score of 20 is preferred. The recipient must enroll full-time. This scholarship will be provided on an annual basis and may be renewed for the second semester of the freshman year if a minimum 3.2 cumulative GPA is attained. The General Scholarship Committee will select the recipient. For further information contact the Student Financial Aid Office, APSU Box 4546, telephone (931) 221-7907.

**John A. Hancock Endowed Scholarship.** This scholarship established by Patricia McReynolds Hancock, is \$1,000 annually and provided to a student not eligible for need based financial aid. The recipient must have a minimum high school GPA of 2.8 or above, an ACT Composite scores of 18 or above, and is involved in extracurricular activities. At least one of the student's parents should work in public health (first priority) or teaching/counseling. Retention is possible if a minimum 2.8 GPA is maintained after the end of freshman year and a minimum 2.9 annual GPA thereafter. For further information contact the Director of Admissions, APSU Box 4548, telephone (931) 221-7661, or toll free at 1-800-844-APSU.

**Catherine Evans Harvill Scholarship.** Given by the University Women's Club in memory of Mrs. Halbert Harvill, this scholarship is awarded annually and pays approximately \$700 per semester. For further information contact the University Women's Club, APSU Box 4666, Clarksville, Tennessee 37044.

**Honors Program Scholarships.** Honors Scholars will be chosen on the basis of high school records, with attention given to both academic and non-academic accomplishments and recommendations. The applicant must have achieved a minimum ACT of 28 (1240 on SAT) and a 3.0 GPA. This is a supplemental scholarship added to other scholarships and normally grants \$500 awards up to the university limit for this program. The recipient must be enrolled in the Honors Program each semester and maintain satisfactory standards in that program as judged by the Honors Coordinator. For further information, contact Honors Coordinator, APSU Box 4487, telephone (931) 221-7714.

**International Education Scholarship.** This scholarship was established in 2000. Scholarship funds are provided by May's Woks Restaurant and Hong Kong Wok Restaurant. Four annual \$500 scholarships are awarded by the International Education Scholarship Committee. Scholarships are awarded to Austin Peay international students as well as other students. Recipients must enroll full-time and have shown commitment and actively participated either in international studies or activities. Recipients should have a minimum GPA of 3.00. For further information, contact (931) 221-7661, APSU P.O. Box 4548.

**Anna Bell Powers Jackson Memorial Scholarship.** This scholarship was created in 2002 in memory of Anna Bell Powers Jackson. The award is \$1,000 annually to an incoming freshman from Clarksville/Montgomery County, Tennessee. It is one-time and non-renewable. The recipient must agree to work three hours per week in the Office of Admissions. For further information contact the Office of Admissions, APSU Box 4548, telephone (931) 221-7661, or toll free at 1-800-844-APSU (2778).

**Junior Auxiliary of Clarksville Scholarship.** Two \$3500 scholarships were established by the Junior Auxiliary of Clarksville to reward deserving Montgomery County students who have earned a GPA of at least 3.0, volunteered extensively in the community, and demonstrated strong character and financial need. Students must major in a child related field. Scholarships are renewable. For further information, please contact Junior Auxiliary at P. O. Box 30, Clarksville, TN 37040.

**The Kimbrough Memorial Scholarships.** Dr. Emory Kimbrough, Jr., created this scholarship fund in 1987 in honor of his parents, Emory Calloway Kimbrough and Martha Beaumont Kimbrough. Scholarships are available to high school seniors and community college students in Tennessee and at Hopkinsville Community College. Recipients may receive up to \$2,500 annually as a total scholarship package. Each high school recipient must meet the requirements for the Academic Honors Scholarship except that a minimum ACT Composite Score of 26 (SAT 1170), is required. Community college recipients must receive an associate degree or have completed two years at the community college level and have achieved a minimum cumulative GPA of 3.5 (on a 4.0 scale). Applications for scholarships and admission should be submitted to the Office of Admissions by February 15 for high school seniors for early decision consideration. April 15 is the deadline for community college transfer students. A student who forfeits his/her scholarship for any of the above reasons may be eligible for consideration after the lapse of at least one full semester or summer term and the attainment of the minimum GPA required for the scholarship. This reinstatement allowance can be exercised only one time by the scholarship recipients and is conditional on funds being available. For further information contact the Office of Admissions, APSU Box 4548, telephone (931) 221-7661, or toll free at 1-800-844-APSU (2778).

**Martin Luther King, Jr. Scholarship.** This scholarship for African American students is in the amount of \$2,000 per year for 4 years and is available in accordance with funding provided by the State Legislature. Students must have minimum Composite ACT Scores of 19 (SAT 900) and a minimum GPA of 3.0 (on a 4.0 scale). Community college students must receive an associate degree or have completed two years at the community college level and have a minimum cumulative GPA of 3.0. Recipients must maintain a minimum semester and cumulative GPA of 2.75 for scholarship renewal. Students must complete a minimum of 12 credit hours per semester and 28 credit hours per academic year. Students who forfeit the scholarship for any reason may be eligible for consideration of reinstatement by completing an appeal form available in the Office of Student Financial Aid/Veterans Affairs. This reinstatement allowance may be

used only one time and is conditional on availability of funds. Applications must be submitted by February 15 for high school seniors and April 15 for community college transfers. For further information, contact the Office of Admissions, APSU Box 4548, telephone (931) 221-7661, or toll free at 1-800-844-APSU (2778).

**David Lam Scholarship.** This scholarship was established in 2001 by the family of the late Lafayette Briggs in honor of David Lam. It will provide full tuition and fees. Student must be of Chinese descent and affiliated with David Lam. For further information, please contact the University Advancement Office at (931) 221-7127.

**James Eric Lannom Memorial Scholarship.** This scholarship, established in 1989 by a generous gift from the employees of the Clarksville Department of Electricity, is awarded annually in the amount of \$1500. The recipient may be enrolled part-time, but must take at least nine credit hours per semester. A minimum cumulative GPA of 2.75 is required to retain this scholarship. The award is based upon need and the recipient may study in any academic area. The recipient must be a non-traditional student who can demonstrate financial need. (An example would be a single parent who must give up his/her job to complete academic studies.) For further information contact the General Scholarship Committee, APSU Box 4546, telephone (931) 221-7907.

**Debra Lentz Memorial Scholarship.** Established by Mr. and Mrs. Henry Lentz in memory of their daughter, Debra, this scholarship provides a \$1,500 annual award. It is available to an incoming freshman and can be retained if a minimum 3.0 GPA is maintained. The General Scholarship Committee makes selection. For further information contact the Student Financial Aid Office, telephone (931) 221-7907.

**Marshall Family Scholarship.** This scholarship, made possible by gifts to Grace Chapel, an Episcopal Mission in the Rossvie Community, is awarded annually to either an undergraduate or graduate student in amount of \$500. Applicants for this scholarship may be interested in any curriculum area, but students in the humanities will be given preference. Financial need is also a consideration. Applications should be submitted to Trinity Episcopal Church, 317 Franklin Street, Clarksville, TN 37040, by March 1 of each

year. For further information contact Dr. Richard Gildrie, APSU Box 4486, telephone (931) 221-7932.

**John E. Mayfield Charitable Foundation Scholarship.** This \$500 scholarship (\$250 per semester) is awarded annually to a graduate of a high school in Cheatham County. Financial need will be considered. Minimum GPA is 2.75 and student may be full or part time. Scholarship may be renewed if GPA is maintained. For further information, contact the Office of Admissions, (931) 221-7661, P.O. Box 4548.

**Charlie Mills Memorial Scholarship.** The Charles Mills Memorial Scholarship provides \$1,000 annual, renewable awards for incoming freshmen who have graduated from Montgomery Central High School in Clarksville, Tennessee. Recipients must have an ACT score of 20 or more, but not necessarily in the upper percentage of his/her graduating class. Selection is made by a committee from Montgomery Central High School in consultation with the family. For further information, please contact the Guidance Office at Montgomery Central High School, (931) 387-3201 or the University Advancement Office at Austin Peay, (931) 221-7127, P.O. Box 4417.

**Multicultural Scholarship.** This scholarship is available to high school seniors and community college students of races other than African-American and Caucasian. Recipients may receive up to \$2,000 per year for up to 4 years. Students must have a minimum ACT Composite score of 19 (SAT - 900) and a minimum GPA of 3.0 (on a 4.0 scale). Community college transfer students must receive an associate degree or have completed two years at the community college level and have a minimum cumulative GPA of 3.0. Recipients must maintain a minimum semester and cumulative GPA of 2.75 for scholarship renewal. Students must complete a minimum of 12 credit hours per semester and 28 credit hours per academic year. Students who forfeit the scholarship for any reason may be eligible for consideration of reinstatement by completing an appeal form on the Office of Student Financial Aid/Veterans Affairs. This reinstatement allowance may be used only one time and is conditional on availability of funds. Applications must be submitted by February 15 for high school seniors and April 15 for community college transfers. For further information, contact the Office of Admissions,



APSU Box 4548, telephone (931) 221-7661, or toll free at 1-800-844-APSU (2778).

**Odd Fellows Scholarship.** The Pythagoras Lodge No. 23 of the Independent Order of Odd Fellows provides this scholarship. For further information contact the Director of Alumni and Annual Giving, APSU Box 4676, telephone (931) 221-7979.

**LeRoy C. Parks Civitan Scholarship.** Established in 2002, the recipient of this scholarship must be registered in the Office of Disability Services and have a minimum GPA of 2.5. A committee from the Clarksville Downtown Civitan Club will review applications. Initial awards will be \$500 annually and there is an endowment started by Civitan to fund the scholarship. Civitan's major focus is to assist individuals with disabilities. For further information contact the Office of Disability Services, (931) 221-6230, APSU Box 8365.

**Performance Scholarships.** Performance scholarships, which include work requirements, are granted to students interested in Art, Music, Communication and Theatre, Creative Writing, and Student Publication. Communication and Theatre majors should contact the Chair, Department of Communication and Theatre, APSU Box 4446, telephone (931) 221-7378. Students also may contact the Center for Creative Arts for information about scholarships in art, creative writing, music, and theatre, APSU Box 4666, telephone (931) 221-7876. (Also listed under Art, Communication, Creative Writing, Music, and Theatre)

**Phi Theta Kappa Scholarship.** This \$2,000 scholarship may be awarded to TBR Community College and Hopkinsville Community College graduates, with no previous baccalaureate degree, who are members of Phi Theta Kappa Honor Society. Students must have a minimum cumulative GPA of 3.0 and have received an associate degree. Recipients must also be United States citizens and be residents of Tennessee or Trigg, Todd, Logan, or Christian counties in Kentucky. The scholarship deadline is April 15. For further information contact the Office of Admissions, APSU Box 4548, telephone (931) 221-7661, or toll free at 1-800-844-APSU (2778).

**President's Community College Transfer Scholarships.** These scholarships are awarded to transfer students from

Tennessee and Hopkinsville Community College. They may be renewed for up to three semesters. Students may major in any field of study. Recipients must have received an associate degree or have completed two years at the community college level. Community College transfers must have achieved a minimum cumulative GPA of 3.0. For renewal, students must maintain a minimum cumulative GPA of 3.0 by the end of the second semester at APSU. Students must also be enrolled full-time and make continued satisfactory progress toward completion of a degree. Students who forfeit the scholarship for any reason may be eligible for consideration of reinstatement by completing an appeal form available in the Office of Student Financial Aid/Veterans Affairs. This reinstatement allowance may be used only one time and is conditional on availability of funds. The scholarship deadline is April 15. For further information contact the Office of Admissions, APSU Box 4548, telephone (931) 221-7661, or toll free at 1-800-844-APSU (2778).

**Retired Officers Association Scholarship.** A \$500 leadership scholarship has been established for a qualified APSU student who is interested in a military career. The recipient must be a Military Science (MS) cadet from Kentucky or Tennessee who has successfully completed two consecutive semesters of military science. A minimum cumulative GPA of 2.5 is required, with a minimum ROTC GPA of 3.0. For further information contact the Military Science Department, APSU Box 4535, telephone (931) 221-6155.

**Roe Family Scholarships.** Dr. Phil Roe, an Austin Peay alumnus, has established two scholarships. One is designated for an incoming freshman in honor of John D. Lewis and one is for a community college transfer student in the field of Biology. Each award may be renewed based on academic progress, maintaining full-time status and minimum cumulative GPA of 3.0. For further information contact the Biology Department, (931) 221-7781, P.O. Box 4718 or the University Advancement Office, (931) 221-7127, P.O. Box 4417.

**Rose M. Steeley Determination Scholarship.** This scholarship was established in 2002 in honor of the late Rose Steeley. Recipient must be an incoming freshman from Todd County, Kentucky and agree to work three hours a week in the Office

of Admissions. The award is \$1,000 annually and is a one-time, non-renewable scholarship. For further information contact the Office of Admissions, APSU Box 4548, telephone (931) 221-7661, or toll free at 1-800-844-APSU (2778).

#### **Luther Tippitt Memorial Scholarships.**

Established through the estate of Luther Tippitt, these scholarships provide \$1,500 annually to two incoming freshmen. Scholarship funds can be used for tuition, books, on-campus dormitory expenses, and on-campus cafeteria expenses. Recipients must be in the upper 25 percent of their graduating class, have good recommendations within and outside the school, have extensive involvement in extracurricular activities, and demonstrate leadership abilities. Students receiving other forms of financial aid are not eligible for these scholarships. Recipients will be required to work six hours per week per semester. Renewal criteria is a minimum cumulative GPA of 3.0 with 28 hours completed per year. Application forms may be obtained from high school guidance counselors and sent to the Office of Admissions by February 15 for early decision consideration. April 1 is the deadline for late applications. For further information contact the Office of Admissions, APSU Box 4548, telephone (931) 221-7661, or toll free at 1-800-844-APSU (2778).

**Jennifer Lynn Vick Memorial Scholarship.** The APSU Alumni Association administers this scholarship, established in 1982 in memory of Jennifer Lynn Vick, daughter of APSU alumni Bob and Jearldene (Bogard) Vick. Funds for the scholarship are provided by contributions from friends and relatives of the Vick family. The recipient of this scholarship must be in need of financial assistance and maintain a minimum 2.5 cumulative GPA. Students must complete a minimum of 12 hours per semester with work assignments at the Pace Alumni Center at Emerald Hill. For further information, contact the Director of Alumni and Annual Giving, APSU Box 4676, telephone (931) 221-7979.

**Brigadier General Herbert M. Wassom Memorial Scholarship.** This scholarship was established in 1988 in memory of BG Herbert Wassom, former assistant division commander for the 101st Airborne Division. First-time students at Austin Peay Center @ Fort Campbell, military personnel or family members are eligible for the scholarship. For more information contact the Austin Peay

Center @ Fort Campbell Box 4455, telephone (931) 221-1400.

#### **Cameron Ford Watts Scholarship.**

Established by the family of Cameron Ford Watts, who passed away in 1993, this endowed scholarship provides a \$1,000 annual award to a student registered with the Office of Disability Services. Gifts from numerous family members and friends created this endowment which is the first scholarship at Austin Peay designated specifically for a student with a disability. For further information and/or a scholarship application, please contact the Office of Disability Services, (931) 221-6230, P.O. Box 8365.

#### **Dorris Weakley Memorial Scholarship**

**Fund.** Established by the family of Dorris Weakley, the recipient of this scholarship must be a graduate of a high school in Cheatham County. High school GPA, ACT or SAT scores, extra-curricular activities, and financial need are considerations. Effective 2002-2003, these scholarships are one-time, non-renewable awards. For further information, contact the Office of Admissions, APSU Box 4548, telephone (931) 221-7661.

**Women's Club Scholarship.** Given by the University Women's Club in memory of Mrs. Halbert Harvill, this scholarship is awarded annually and pays approximately \$700 per semester. For further information contact the University Women's Club, APSU Box 4417, Clarksville, TN 37044.

### **CORPORATE SPONSORED SCHOLARSHIPS**

**Beach Oil Co. Scholarship.** This academic scholarship of up to \$1,000 annually is awarded to a child of a Beach Oil Company employee. The University will make selection. A minimum 3.0 cumulative GPA is required to retain the scholarship. With successful performance, the student may retain the scholarship for up to four years. If the employee is no longer employed by the company, the scholarship will be continued for the academic year. For further information, contact the Student Financial Aid Office, APSU Box 4598, telephone (931) 221-7907.

**Burchett Construction Co. Scholarship.** This academic scholarship of up to \$2,000 annually is awarded to a child of a Burchett Construction Company current employee or retired employee with ten or more years of service. The student may retain the

scholarship for up to five years. For further information, contact the Student Financial Aid Office, APSU Box 4598, telephone (931) 221-7907.

**Thomas Lumber Company Employee Scholarship.** This endowment provided by Tim and Linda Thomas will fund an academic scholarship for a child of an employee of Thomas Lumber Company. Children of retired employees with 10 or more years of service may be considered. Financial need is a consideration, and a minimum 2.5 cumulative GPA is required for retention. Recipients may receive for up to four years. For further information, contact the Student Financial Aid Office, APSU Box 4598, telephone (931) 221-7907.

**Trane Employees Scholarship.** This scholarship will fund tuition costs for selected academic courses on a part-time basis up to \$1,500 annually for active and retired Trane employees with ten years of service. Award may be made to a spouse or child but first priority will be given to active employees and then to retired employees. A minimum 2.5 cumulative GPA is required for retention in this program. Salaried employees must check with the Trane Education Aide Program before applying. For further information, contact the Student Financial Aid Office, APSU Box 4598, telephone (931) 221-7907.

**Trane Family Members Scholarship.** This scholarship will provide one \$1,500 academic scholarship annually. Selection will be based on academic potential. Priority order will be given to children of active Trane employees, to children of retired employees, active employees, then retired employees with at least ten years' service. For a new freshman, a minimum high school GPA of 3.0 and a minimum ACT Composite score of 20 is required. A minimum 3.0 cumulative GPA is required for retention while enrolled in at least 12 hours. If no qualified applicant is identified, award may be made to a spouse of an active or retired employee. May be awarded to recipient until successful undergraduate graduation, but not longer than five years. For further information, contact the Student Financial Aid Office, APSU Box 4598, telephone (931) 221-7907.

## GRANTS

### FEDERAL PELL GRANT

This grant is awarded to undergraduate students who have not earned a bachelor's or

professional degree and who have demonstrated financial need. The Pell Grants, unlike student loans, do not have to be repaid. Pell Grant is prorated based on the number of academic hours the student is enrolled on the first day of class: main campus—less-than-half-time = 1 to 5 hours; one-half time = 6 to 8 hours; three-quarters time = 9 to 11 hours; and, full-time = 12 or more hours, for the Austin Peay Center @ Fort Campbell Center—full time = 6 or more hours, half time = 1 to 5. Any changes in a student's hours through late registration could result in a revision to their grant award. Students may apply for this grant by completing the Free Application for Federal Student Aid (FAFSA). These forms are available in high school guidance offices, Student Financial Aid Office, and at [www.fafsa.ed.gov](http://www.fafsa.ed.gov).

### FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT (FSEOG)

This grant is awarded to undergraduate students on the basis of need. The (FSEOG) award, unlike student loans, does not have to be repaid. This grant is also prorated it is based on the number academic hours the student is enrolled. To be eligible for FSEOG you must complete the FAFSA application by April 1<sup>st</sup>. Students apply for this grant when they complete the Free Application for Federal Student Aid (FAFSA), the FAFSA application may be completed via the web at [www.fafsa.ed.gov](http://www.fafsa.ed.gov). Eligibility is based on financial need and the availability of funds.

### TENNESSEE STUDENT ASSISTANCE AWARD (TSAA)

The TSAA grant is available to undergraduate residents of Tennessee only and is awarded and administered by the Tennessee Student Assistance Corporation (TSAC), Suite 1950, Parkway Towers, 404 James Robertson Parkway, Nashville, TN 37219-5097. Their toll-free number is 1-800-342-1663. Students may apply for this grant by completing the Free Application for Federal Student Aid ([www.fafsa.ed.gov](http://www.fafsa.ed.gov)) prior to the state aid deadline date of May 1<sup>st</sup> or as indicated on the FAFSA application. This grant is not available for students who register for less than half-time enrollment and is only awarded for a maximum of eight semesters. TSAA is not available for summer sessions.

**LOAN FUNDS****EMERGENCY LOAN FUND**

The University administers a small loan fund for enrolled students who have emergency situations and who need small amounts of money quickly. To be eligible for the emergency loan the student must have financial aid funds coming in to repay the loan within the same semester/term given. These funds are limited. This program is administered by the Student Financial Aid Office.

**FEDERAL PERKINS STUDENT LOAN**

This loan is available to both undergraduate and graduate students and is based on financial need. The interest is fixed at 5% and you will not have to make payments on the principal until 9 months after you graduate or drop below half-time status. The Perkins loans are also prorated depending on how many hours the student is enrolled for. The loan is made with government funds, and APSU contributes a share. You must repay this loan to Austin Peay State University.

**FEDERAL SUBSIDIZED STAFFORD STUDENT LOAN**

Eligibility for a Federal Subsidized Stafford Loan is based on need as an undergraduate and graduate student. The federal government pays your interest on this loan while you are enrolled in school at least at a half-time status and during your six month grace period. To be eligible to apply for this loan you must first complete the Free Application for Federal Student Aid (FAFSA) via the web at [www.fafsa.ed.gov](http://www.fafsa.ed.gov). Applications for this loan are available through the Student Financial Aid Office or at <http://www.apsu.edu/financialaid/forms/lrs.pdf>

**FEDERAL UNSUBSIDIZED STAFFORD LOAN**

Eligibility for a Federal Unsubsidized Stafford Loan is not based on financial need. You may be eligible no matter what income and assets you and your family may have. The loan is unsubsidized so the government does not pay the interest for you while you are in school. You are responsible for paying the interest from the time the money is disbursed. You may pay the interest as it comes due, or

interest payments may be postponed and allowed to accumulate while you are enrolled in school at a half-time status. The accumulated interest is added to your original loan amount when you begin repayment. This is called capitalization. To be eligible to apply for this loan you must first complete the Free Application for Federal Student Aid (FAFSA) via the web at [www.fafsa.ed.gov](http://www.fafsa.ed.gov). Applications for this loan are available through the Student Financial Aid Office or at <http://www.apsu.edu/financialaid/forms/lrs.pdf>

**FEDERAL PARENT LOAN FOR UNDERGRADUATE STUDENTS (PLUS)**

The Federal Parent PLUS Loan is available to help parents meet the cost of their child's college education. These loans are made to parents of full and half-time dependent undergraduate students. However, credit guidelines do apply in determining eligibility. The parent may borrow up to the students full cost of attendance which includes tuition and fees, room and board, books and supplies, transportation and living allowances, less any other financial aid the student receives. Repayment starts within 60 days after the loan is fully disbursed. To be eligible to apply for this loan the student and parent must complete the Free Application for Federal Student Aid (FAFSA) via web at [www.fafsa.ed.gov](http://www.fafsa.ed.gov). Applications for the PLUS loan may be obtained through the Student Financial Aid Office or via the web at <http://www.apsu.edu/financialaid/forms/plus.pdf>

**MULTIPLE LOAN DISBURSEMENTS**

A lender must issue loan proceeds in at least two disbursements for Federal Stafford and Parent PLUS Loans. One disbursement will be issued at the beginning of the loan period and the second disbursement at the mid-point of the loan period.

**FRESHMAN DISBURSEMENT 30 DAY HOLD**

For first year, first time borrowers it is a federal requirement that the first loan disbursement be released 30 days past the first day of class.

**ANNUAL LOAN LIMITS**

A degree-seeking student enrolled for at least half-time is eligible to apply for student loans:

A dependent undergraduate student may borrow annually up to:

- \$2,625 - Freshman Year
- \$3,500 - Sophomore Year
- \$5,500 - Junior and Senior Year

An independent undergraduate student may borrow annually up to:

- \$6,625 - Freshman Year (only \$2,625 Subsidized)
- \$7,500 - Sophomore Year (only \$3,500 Subsidized)
- \$10,500- Junior and Senior Year (only \$5,500 Subsidized)

A graduate student may borrow annually up to \$18,500 (only \$8,500 Subsidized)

**AGGREGATE LOAN LIMITS:**

There is a federal guideline that must be followed in determining how much loans a student can borrow throughout their educational career.

Maximum Eligibility for:

Undergraduates and Certification Only:

\$23,000 Subsidized  
 \$23,000 Unsubsidized  
 (independent students)  
 \$46,000 Total

Graduates:

\$65,000 Subsidized  
 \$73,000 Unsubsidized  
 \$138,000\*

\* Includes previous loans incurred during undergraduate status.

**DISBURSEMENT OF FUNDS**

It is University policy to disburse one-half of an academic year award (excluding Federal Work Study) within three days of the beginning of the semester/term. 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 sessions. Summer assistance is managed in a different manner. For additional information on availability and disbursement of the summer funds, please pay close attention to

the Summer Financial Aid application information.

If an offer of financial assistance includes employment under the provisions of the Federal Work Study Program (FWS), it must be understood that the amount of money awarded is the amount of money a student may expect to earn during the award period, this will be determined from the amount of hours worked. Please refer to the FWS area in this bulletin for such guidelines. FWS recipients must report to the Student Financial Aid Office for job placement and may not start work until the placement has been completed.

**SATISFACTORY ACADEMIC PROGRESS REQUIRED TO RECEIVE AND RENEW AID**

All students receiving Title IV aid are required to maintain class attendance and satisfactory progress each year as outlined:

**1. Guidelines**

A student is said to be maintaining Satisfactory Academic Progress for financial aid purposes if he/she is not on academic probation and meets the following minimum academic standards:

Cumulative GPA of 1.50 for 0-29.99 hours attempted\*

Cumulative GPA of 1.80 for 30-47.99 hours attempted

Cumulative GPA of 1.90 for 48-65.99 hours attempted

Cumulative GPA of 2.00 for over 65.99 hours attempted

**AND**

Has attempted less than 36 hours if classified as Freshman

Has attempted less than 90 hours if classified as Sophomore

Has attempted less than 145 hours if classified as Junior

Has attempted less than 193 hours if classified as Senior

For receipt of financial aid, the maximum time frame for completion of a bachelor's degree will normally be six academic years. The maximum time will be increased in proportion for students who enroll part-time. Graduate students must maintain a minimum 3.0 cumulative GPA. Any student receiving a 0.00 GPA for any academic term automatically loses

financial aid for the next academic term.  
\*Hours attempted include grades of “W” and “WD”.

## 2. Reinstatement

To be reinstated, each student must provide the Student Financial Aid Office with proof of compliance with the appropriate requirement(s) above.

## 3. Appeals

Appeals should be made in writing to the Student Financial Aid Office. The student’s counselor will review the completed appeal application with documentation. The student has the right to have a rejected appeal reviewed by the Director, who decision will be final. The appropriate appeal form can be obtained through the Student Financial Aid Office or via the web at [www.apsu.edu/financialaid/forms/satprog.pdf](http://www.apsu.edu/financialaid/forms/satprog.pdf). The following circumstances may be considered appropriate reasons for appeal:

- a. Serious illness or accident on the part of the student.
- b. Death or serious illness in the immediate family.
- c. Discontinuance of a course by the University.
- d. Personal complications.

## POLICY ON ALLOCATION OF REFUNDS AND RETURN OF STUDENT FINANCIAL AID FUNDS WHEN STUDENTS WITHDRAW FROM SCHOOL

Students that receive Federal Title IV Financial Aid assistance and officially or unofficially withdraw from school prior to completing 60% of the enrollment period must return any unearned funds to the Student Financial Aid programs from which they received the funds. The Student Financial Aid Office will calculate the amount of aid that the student did not earn using a pro-rata formula proscribed by the Federal Department of Education. If a student account receivable balance results from this adjustment, payment is the responsibility of the student.

### 1. Distribution among the Title IV Programs

The University must return the unearned aid to the following sources, in order, up to the net amount disbursed from each source.

- a. Federal Unsubsidized Stafford Loan (UNS)
- b. Federal Subsidized Stafford Loan (SUB)
- c. Federal Carl D. Perkins Loan (PERK)
- d. Federal Parent Plus Loan (PLUS)
- e. Federal Pell Grant (PELL)
- f. Federal Supplemental Educational Opportunity Grant (SEOG)

### 2. The school will apply these policies in a consistent manner to all students receiving Title IV Aid

- a. The school will not allocate any part of the Return of Title IV funds to any program from which the student did not receive aid
- b. The amount allocated to any program will not exceed the amount the student received from that program.

To view more information about the Return of Title IV Aid please visit [http://www.apsu.edu/financialaid/wd\\_refund\\_policy.htm](http://www.apsu.edu/financialaid/wd_refund_policy.htm)

## PART-TIME EMPLOYMENT

### GENERAL CAMPUS WORK

Each year, a number of students are employed on campus in administrative and departmental offices, the library, laboratories, and intramural recreation. The number of hours students are permitted to work depends on the need of the various departments and may be limited by any federal financial assistance the student is receiving. Applicants must be at least half-time students and maintain a 1.5 GPA. Applications are secured from the Student Financial Aid Office, P.O. Box 4546, Austin Peay State University, Clarksville, Tennessee 37044. Positions are advertised in the classified section of the campus newspaper, THE ALL STATE and on the bulletin board in the hallway near the Financial Aid Office. Direct questions will need to be referred to the Student Financial Aid Office.

## FEDERAL WORK-STUDY PROGRAM (FWS)

The Federal Work-Study Program is federally funded and designed to assist students who are in need of employment in order to pursue their education. The student's work is performed on campus and is similar to that performed by students working on the General Campus Work Program. The student may work up to a maximum of 20 hours per week depending upon the amount of the work-study award. Students who qualify for the Federal Work-Study Program and are currently enrolled or who are high school graduates and have been tentatively accepted for enrollment to the University in the Fall may be eligible for full-time employment during the summer, if not enrolled in classes for the Summer session any FWS earnings will be used as a financial aid resource for the upcoming academic year. Students must be enrolled at least at a half-time status and maintain a 1.5 GPA.

### OFF-CAMPUS WORK

Many APSU students earn a considerable part of their college expenses with part-time, off-campus work in the Clarksville-Fort Campbell area. The Career Resource Office located in the Morgan University Center Room 208, offers JOB-OP, a part-time, off-campus job-referral service to assist both students and area employers in filling employment needs.

## OTHER FORMS OF FINANCIAL ASSISTANCE

### LOCAL SOURCES OF FINANCIAL AID

Students are encouraged to keep in touch with their respective high school guidance counselors in order to be aware of the various kinds of scholarships granted by home-town civic clubs, church groups, or other non-profit associations or foundations. Hundreds of students on this campus have secured home-town scholarships through such sources.

### VOCATIONAL REHABILITATION

Students with a physical disability may obtain grants-in-aid, providing assistance with college-related costs through the Tennessee Vocational Rehabilitation Service. Tennessee residents should request information from the high school guidance counselor or write to Coordinator, Division of Vocational

Rehabilitation, 1808 West End Building, Nashville, Tennessee 37203. Students residing in other states should contact the similar agency in their state. This program is different from GI Bill Chapter 31—Vocational Rehabilitation.

A student may use APWeb For Students (<https://apweb.apsu.edu/>) to view all their financial aid information, this web site will inform you of your awards and any missing required items needed to complete your awarding process.

Please visit our office website (<http://www.apsu.edu/financialaid/>) to review all the available grants, loans and scholarships and to email us with any questions.

## VETERANS AFFAIRS 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 US Department of Veterans Affairs (DVA) before any payments can be made. APSU has two OVA's: Room 232, Ellington Student Services Building for Main Campus; and, SSG Glenn H. English, Jr., Army Education Center, Bldg. 202, Room 137 for Austin Peay Center @ Fort Campbell. The OVA maintains all necessary forms for active duty service persons and veterans to apply for education benefits, and any questions relating to DVA educational training at APSU should be directed to the OVA. However, the OVA does not make decisions on eligibility for DVA educational benefits, or on the amount and length of entitlement a student is eligible under those benefits. To receive a formal decision, the veteran must file a claim with the DVA, who makes final 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 veteran may be eligible for DVA educational benefits are listed below. To determine specific eligibility requirements you should direct your questions to the OVA or to the DVA at 1-888-GIBILL1 (1-888-442-4551).

1. Montgomery GI Bill - Active Duty Educational Assistance Program - Chapter 30

2. Vocational Rehabilitation Services - Chapter 31
3. Post-Vietnam Era Educational Assistance Program (VEAP) - Chapter 32
4. Survivors' and Dependents' Educational Assistance Program - Chapter 35
5. Montgomery GI Bill - Selected Reserve Educational Assistance Program - Chapter 1606
6. Restored Entitlement Program for Survivors (REPS) - Section 156
7. Education Assistance Test Program - Section 901
8. Educational Assistance Pilot Program (non-contributory VEAP) - Section 903

### AVOIDING DVA EDUCATION OVERPAYMENT

As a DVA educational 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 check during a month following a change in enrollment status, make sure you are entitled to the check before negotiating it. If the amount has not changed from your previous check and you have reduced the rate of your training, the chances are good that you are not entitled to this check.
2. **Understand the Consequences of Changes**
  - a. You should understand the Universities 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 educational 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 income 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.



- g. Withholding approval of a DVA home loan guarantee pending payment of the debt.

### 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 benefits. Non-degree seeking students do not qualify for DVA educational benefits. Admission application is made through the APSU's Office of Admissions in the Ellington Student Services Building. Fort Campbell applicants may apply through Austin Peay Center @ Fort Campbell Enrollment Services Office.

### APPLYING FOR DVA EDUCATIONAL BENEFITS/INITIAL TUITION REQUIREMENTS

Application for DVA educational benefits is made through the appropriate APSU OVA. For veterans and reservists, a copy of the DD-214 discharge certificate is required with both the application for admission and the application for DVA educational benefits. For veterans who have remaining entitlement under the Vietnam Era GI Bill (Chapter 34), copies of marriage license, birth certificates for all children who are claimed as dependents, and any applicable divorce decrees are required for submission in order to claim those family members for DVA educational benefit payment. Application for DVA educational 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 educational benefits before the first payment can be expected.

**ALERT:** 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 APSU 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 admitted into a degree program are not eligible for DVA educational benefits. **IT IS APSU POLICY THAT STUDENTS MUST MATRICULATE BY THE END OF THE 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 educational 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;
  - d. All applicable test scores (refer to Admissions Requirements); and,
  - e. All military personnel (active duty, reservists and veterans) must submit documents for military credit.
2. **Proper Degree Pursuit:** In order to be certified to receive DVA educational 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, and pursuit is allowed for only one degree program at a time. Students must enroll in and attend the degree-granting institution in order to receive DVA educational benefits. This means that a Main Campus degree cannot be pursued at Fort Campbell. If a change of program is desired, the DVA must be notified by submitting the appropriate notification forms through the OVA.
  3. **Repeated or Excessive Courses:** DVA educational 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 rather than as initial course completions. 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. However, the OVA must report the student's unsatisfactory progress, and terminate educational benefits, at such time he or she no longer meets APSU's standards of progress. 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. 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 educational benefits for each term of enrollment, and is available at the appropriate OVA or on the web at [www.apsu.edu/vaoffice](http://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 educational 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. 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 by the end of the second term of enrollment of receiving DVA educational benefits. Once prior credit is evaluated, it is not required again unless the program of study changes; then prior credit must be re-evaluated in application to the new program.

### 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 course work 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 rehabilitation counselor.

### SATISFACTORY 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 semester/term following the semester/term for which probation was awarded or DVA benefits will be terminated. If benefits are terminated for unsatisfactory academic progress, a written request 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 institution. 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, and concurrently enrolled means that the student is attending both primary and secondary institutions simultaneously. The OVA's 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 educational 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 institution, or DVA educational benefits for the enrollment at the other institution will be significantly delayed or disallowed.

#### **DEVELOPMENTAL STUDIES COURSES**

Students may be certified for DVA educational benefits only for those developmental or basic courses which are indicated as necessary through the TBR COMPASS tests. Students enrolled in any developmental or basic course must be advised concerning required courses each term. Class attendance is mandatory, monitoring of class attendance is continuous, and students must enroll in required basic and developmental courses each term until completion of all required courses. Core courses in the specific developmental area cannot be pursued until the developmental or basic course in that area has been satisfactorily completed. DVA will not pay for web-based DSP courses.

#### **ATTENDANCE POLICY**

In order to prevent or reduce overpayment of DVA educational benefits, students are reminded that it is the student's responsibility to keep the APSU OVA informed of enrollment status. This includes drops, adds, withdrawals, and unofficial withdrawals. The OVA recommends that students review the APSU attendance policy in the University BULLETIN, attend class, and take the final exam if one is required. When the OVA is notified by a faculty member that a student's attendance has been unsatisfactory, the benefits for that class will be terminated from the last recorded date of attendance as provided by the faculty member. If no last recorded date of attendance is provided, benefits will be terminated from the start of the semester/term. Receipt of an "FA" grade will result in benefits being terminated from the last record date of attendance. Receipt of an "FN" grade will result in benefits being terminated from the first date of the semester/term.

A student may use APWeb For Students (<https://apweb.apsu.edu/>) to view all their VA information, this web site will inform the VA student of his/her approved certified courses.

Please visit our office web site at (<http://www.apsu.edu/vaoffice/>) to review all the updated information for all VA students and to email us with any questions.



# THE ACADEMIC COMMUNITY



## SPECIAL PROGRAMS OF THE UNIVERSITY

### AFRICAN AMERICAN STUDIES

*College of Arts & Letters*

See page 131.

### CENTER FOR EXTENDED AND DISTANCE EDUCATION

*Dean: Dr. Stanley Groppe*

*Location: 106 Public Square*

*Phone: (931) 221-7257*

*E-mail: groppe@spsu.edu*

*Website: www.spsu.edu/ext\_ed/*

Austin Peay State University's Center for Extended and Distance Education is meeting the challenge of providing 21st century educational opportunities through online, interactive television, videotape and off-campus classes. Educational opportunities are extended to a wider population through the federally funded TRIO programs.

### DEVELOPMENTAL STUDIES PROGRAM (DSP)

*Director: Dr. Stanley Groppe*

*Location: Clement 103*

*Phone: (931) 221-7612*

*Website: www.spsu.edu/dsp\_page/*

The Developmental Studies Program (DSP) is designed to help students improve learning skills necessary for college success. Developmental courses in grammar, writing, mathematics, reading, and study skills are structured to meet the needs of each student. Developmental studies courses award college credit and generate three/ five credit hours for each semester, but they do not apply toward minimum requirements for graduation, Honors, or Dean's List.

ACT scores, ACT profile, high school grades, and the university assessment tests are used to determine a student's needs (see page 38) for admission policy regarding assessment). Certain entering students will be required to take developmental studies

courses based on the results of the placement tests.

Courses are offered in four academic areas to help students develop essential skills and learning necessary for success in college-level courses.

**NOTE:** Students must take the state-mandated placement test or have recent ACT scores before registering for Developmental Studies courses. The state mandated placement test may be re-taken as many times as a student chooses. There is a fee associated with this exam.

#### Tennessee Board of Regents Policies and Procedures for Developmental Studies Courses:

1. Students must enroll in required remedial and developmental courses each term of enrollment until completion of all required courses.
2. Students cannot withdraw from remedial or developmental courses without extenuating circumstances. Permission is required from the program director.
3. Class attendance is mandatory and monitoring of class attendance is on-going.
4. Grades assigned in remedial and developmental course are: "A", "B", "C", "F", "FA", "FN", "W".

Students enrolled in any remedial or developmental course must be advised by an advisor designated by the Developmental Studies Program.

*\*See page 211 for courses offered and course descriptions.*

### DISTANCE EDUCATION

*Coordinator: Mr. T. Moseley*

*Location: Library Rm 323*

*Phone: (931) 221-1014*

*E-mail: moseleyt@spsu.edu*

*Website: www.spsu.edu/ext\_ed/distant\_ed/index.htm*

Distance Education enables the University to reach beyond the traditional campus via online, two-way interactive television, videotape courses. Undergraduate and graduate online courses are offered each term with the number of offerings increasing each term. APSU is also a participant in the Tennessee Board of Regents Online Degree Program (RODP).

The University currently operates interactive video sites from the main campus to the Austin Peay Center @ Fort Campbell and various sites in the service area. Information about the schedule and location of these classes may be obtained by contacting Distance Education, the appropriate academic department, visiting the web page or by referring to the SCHEDULE OF CLASSES each term.

### EXTENDED EDUCATION

*Director: Ms. J. McGee*

*Location: 106 Public Square*

*Phone: (931) 221-7743*

*E-mail: mcgeej@apsu.edu*

*Website: [www.apsu.edu/ext\\_ed/index.htm](http://www.apsu.edu/ext_ed/index.htm)*

**Off-Campus on-site** courses are offered at various centers throughout the service area of APSU. Information about the schedule and location of off-campus classes may be obtained by contacting the Center for Extended and Distance Education, the appropriate academic department, visiting the web page or by referring to the SCHEDULE OF CLASSES each term.

**Austin Peay After Hours** provides students the opportunity to take core requirements during the evenings and weekends. Also, students wishing to earn a bachelor of business administration in general business or bachelor of professional studies degree may complete degree requirements by attending evening or weekend courses. Eight-week and sixteen-week courses are offered. Information about the schedule may be obtained by contacting the Center for Extended and Distance Education, the appropriate academic department, visiting the web page or by

referring to the SCHEDULE OF CLASSES each term.

**Dual/concurrent enrollment** allows qualified high school juniors and seniors to earn college credit while still in high school. For more information, call (931) 221-7743.

### NON-CREDIT AND CUSTOMIZED TRAINING

*Coordinator: Ms. M.A. Burkhart*

*Location: 106 Public Square*

*Phone: (931) 221-6487*

*E-mail: burkhartm@apsu.edu*

*Website: [www.apsu.edu/ext\\_ed/](http://www.apsu.edu/ext_ed/)*

The Center provides both classroom-format and online noncredit educational opportunities including seminars, classes, certification programs and short courses as well as customized business and industrial training. MCP, MCSA and Microsoft Office Specialist training and testing are available on site. Continuing Education Units (CEUs) are awarded for courses including personal and professional development, software use, foreign languages and test preparation. A summer youth program is offered annually. Customized contract training is available for businesses and groups. A schedule of noncredit courses is published twice a year. For more information call (931) 221-6487 or (931) 221-7816.

### REGENTS ONLINE DEGREE PROGRAM (RODP)

*Advisor: Ms. N. Matthews*

*Location: 106 Public Square*

*Phone: (931) 221-1373*

*e-mail: matthewsn@apsu.edu*

*Website: [www.apsu.edu/regentsdegree/](http://www.apsu.edu/regentsdegree/)*

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 bachelor degrees. Courses completed in the Regents Online Degree Programs are entirely online and transferable among all the participating institutions.

Students can earn a Bachelor's Degree with a major in Interdisciplinary Studies or

Professional Studies with concentrations in Organizational Leadership or Information Technology. These degrees and courses will be offered in an interactive, asynchronous format. That means that you can access your classes anytime of the day and anywhere via the internet. Advising, library services, student support, and other forms of student assistance will also be available online. Students will have technical support 24 hours per day, 7 days per week.

*\*See page 365 for additional information regarding this program.*

**STUDENT SUPPORT SERVICES**

*Director: Ms. J. Preston-Sabin  
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. Students who meet one or both 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, on-going academic advisement and counseling and GPA monitoring, interaction with the Student Financial Aid Office, graduate and/or professional school advisement, career counseling, content area tutoring and small group workshops, personal counseling, and participation in campus and cultural activities.

Funding by the U.S. Department of Education for TRIO Student Support Services at APSU is \$222,398 for 2002 – 2003. The services are free and can accommodate 180 qualified students.

**TENNESSEE SMALL BUSINESS DEVELOPMENT CENTER**

*Director: Ms. C. Clark  
Location: 420B Madison Street*

*Phone: (931) 647-2331 x#261  
E-mail: tsbdc@apsu.edu  
Website: www.apsu.edu/ext\_ed/small\_business/index.htm*

The Tennessee Small Business Development Center (TSBDC) offers assistance to help business owners grow and develop successful, thriving businesses. Our counselors assist 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 PROGRAMS**

*Website: www.apsu.edu/ext\_ed/trio\_programs.htm*

The federal TRIO programs were established in 1965 to provide post secondary educational opportunities to the economically disadvantaged in the United States. The programs target students 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 fund TRIO programs. Austin Peay State University hosts five TRIO programs:

**High School Upward Bound**

*Director: Ms. M. Lyle-Gonga  
Location: Dunn Center Rm 259  
Phone: (931) 221-6200  
E-mail: lylegongam@apsu.edu*

**Tri-County Upward Bound**

*Director: Mr. D. Botula  
Location: Castle Heights Rm 228  
Phone: (931) 221-6410  
E-mail: botulad@apsu.edu*

**Veterans Upward Bound**

*Director: Dr. A. Neal  
Location: Castle Heights Rm 219  
Phone: (931) 647-7894  
E-mail: neala@apsu.edu*

Special Programs of the University

**Student Support Services**

Director: Ms. J. Preston-Sabin  
 Location: Ellington, Rm 337  
 Phone: (931) 221-6142  
 E-mail: sabinj@apsu.edu

**Educational Opportunity Center**

Director: Mr. J. Johnson  
 Location: Ellington, Rm 325  
 Phone: (931) 221-7481  
 E-mail: johnsonjc@apsu.edu

## CENTER OF EXCELLENCE FOR THE CREATIVE ARTS

*College of Arts & Letters*

*Interim Director: Dr. James Diehr*  
*Location: Music/Mass Communications*  
*Building 165*  
*Phone: (931) 221-7876*  
*Website: [www.apsu.edu/creativearts/](http://www.apsu.edu/creativearts/)*

The Center of Excellence for the Creative Arts coordinates with the departments of Art, Languages and Literature, Music, and Communication and Theatre to sponsor a wide variety of activities and study programs to promote APSU's mission as the Liberal Arts University for the State of Tennessee. The Center builds upon the existing creative arts, faculty, and a history of creative projects and performances of distinctive quality. The Center commissions artists of regional, national, and international reputation to create works of art presented by participants in the Center (i.e., faculty, students, visiting artists). Presentation of these new works and other works of historical value take the form of musical productions, recitals, concerts, theatre performances, creative writing, poetry readings, and exhibitions of visual art in traditional and expanded environments. 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. Regionally, nationally, and

internationally recognized authors, musicians, artists, actors, and teachers are brought to the Center as artists-in-residence. An outreach program takes the Center's activities to the local community and state, developed through touring projects and artists-in-the-schools programs. Guest artists and faculty work in conjunction with local school districts to implement the artist-in-the-schools program. The Center sponsors faculty research in the creative arts, with research being defined as scholarly and creative achievement. The Center funds undergraduate scholarships and graduate assistantships for students in the creative arts.

## CENTER OF EXCELLENCE FOR FIELD BIOLOGY

*College of Science and Mathematics*

*Director: Dr. Andrew N. Barrass*  
*Location: McCord Building 206*  
*Phone: (931) 221-7782*  
*Website: [www.apsu.edu/biol\\_page/center.htm](http://www.apsu.edu/biol_page/center.htm)*

The Center of Excellence for Field Biology, administered in the Department of Biology, brings together scholars and students from various biological disciplines to conduct research on biotic inventories, community structure, rare, threatened, and endangered species, and environmental assessment. The Center provides research assistantships for undergraduate and graduate students to acquire hands-on experience in field biology under the mentor of practicing professionals. Opportunities are provided for area science teachers to engage in summer research projects that enhance their professional skills. Faculty from other universities are provided appointments as senior research fellows, collaborate with Center principal investigators, and interact with students while undertaking significant research activities in the Center. Faculty from the Biology Department hold research appointments in the Center to pursue research projects.



**DISTINGUISHED LECTURE SERIES**

*Academic Affairs*  
*Website: www.apsu.edu/enrichment programs/DistLect.htm*

The Distinguished Lecture Series involves a special presidential committee composed of faculty, administrators, and student representatives who work closely with the President to provide several lectures of international importance. The committee arranges a campus forum for world-wide visitors and provides additional opportunities for students, faculty, staff, and members of the Clarksville community to interact with these individuals.

**ENVIRONMENTAL EDUCATION CENTER**

*Website: www.apsu.edu/enrichment programs/Enviro.htm*

The Environmental Education Center (EEC) is 476 acres of forested and natural cover land within the city donated by the Pettus Foundation. It affords a bounty of environmental habitats as well as supplying immeasurable support to academic programs and a demonstration area and the production of farm commodities. The EEC is available for various uses by the University and the community. Permission is required to use or visit these facilities.

**HONORS PROGRAM**

*College of Arts & Letters*  
 See page 276

**INTERNATIONAL STUDIES MINOR**

*College of Arts & Letters*  
 See page 278

**PRESIDENTIAL RESEARCH SCHOLARS PROGRAM**

*College of Graduate Studies*  
*Website: www.apsu.edu/grants/grants/undergrad/pres\_scholarship.htm*

The Presidential Research Scholarship Program is designed to retain outstanding students and encourage their potential to pursue goals. Teams composed of faculty and students are given an opportunity to develop research projects that have the potential to increase scholarly output and leverage additional funding from external sources. It supports the incorporation of research training into the undergraduate curriculum and provides undergraduate students with experience in the competitive proposal process. Awards are made to faculty-research teams to be used as a stipend to support the student. The student must have undergraduate status during the full term of the award. Faculty-student teams from the following departments will be eligible: biology, geology/geography, physics, chemistry, mathematics/computer science, and psychology.

**PRESIDENT'S EMERGING LEADERS PROGRAM**

See Leadership, page 347

**SERVICEMEMBERS OPPORTUNITY COLLEGES (SOC)**

*Coordinator: Ms. Sheila M. McCoy, Registrar*  
*Location: Office of the Registrar, Ellington, 303*  
*Phone: (931) 221-6238*  
*Website:*

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

Special Programs of the University

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:

1. Have residency credit limited to 25 percent of total degree requirements taken at any time;
2. Students 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 non-traditional learning based on results of national test, such as CLEP and DANTES, as appropriate to their programs;
5. Have a SCAD-2 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. Have residency credits limited to 32 hours that may be completed at any point in the baccalaureate process;
2. Students 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 non-traditional learning based on results of national tests, such as CLEP and DANTES, 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

*Website:*

[www.apsu.edu/study\\_abroad/](http://www.apsu.edu/study_abroad/)

### AFRICA

*Gambia, West Africa, and South Africa*

*Campus Coordinator:*

*Phone: (931) 221-7584*

The Study Abroad program in Africa is designed to provide students with a hands-on learning experience of African politics and culture. The program is a five-week summer program including classroom study at integrated South African and West African universities and field trips. Courses are taught by native and APSU faculty. Credit may be applied to degree programs.

## NIGERIA

*Campus Coordinator: Dr. J. Filippo*  
*Phone: (931) 221-6236*

An educational and cultural exchange program has been established between APSU and Lagos State University (LASU), and University of Lagos (UNLAG). These programs have the following objectives: (1) to promote students/faculty exchange between the two institutions. Students of APSU may spend up to a full year at LASU or UNLAG. Students are required to pay local fees: tuition, room and board while studying at LASU or UNLAG. Courses are taught by local faculty, but are transferable to degree programs at APSU; (2) To provide opportunities for collaborative research projects between students and faculty of both universities. Students and/or faculty of APSU may spend up to a full year at LASU or UNLAG in their collaborative research activities; and (3) To provide opportunities for cultural exchange among students and faculty of both institutions.

## ASIA

### *China*

*Campus Coordinator: Dr. C. Chen*  
*Phone: (931) 221-1472*

APSU has established educational and academic exchanges with the Central University of Finance and Economics in Beijing, China. It allows the exchange of graduate and undergraduate students for study and research in the host institute. Exchange of faculty/scholars for research and lectures are also available through this program.

### *Japan*

*Campus Coordinator: Dr. A. Christian*  
*Phone: (931) 221-7612*

Study in Japan is available to students through an exchange program with Kansai Gaidai University in Osaka, Japan. This Japanese university promotes international education at the undergraduate level. Students participate in the Asian Studies

program for one semester at the international education center on the main campus.

International students take two kinds of classes. In the mornings, they enroll in a Japanese language class at their skill level. Speaking, reading and writing are emphasized. Interested students are encouraged to take Japanese before applying. In the afternoons, students take lecture courses in English on topics in various humanities disciplines. These courses cover a range of subjects from a Japanese and Asian perspective: history, religion, politics, business and anthropology, for example. Also, studio art courses are available in ceramics and Japanese brush painting. For all the courses, students earn university credit. Students have two options for living accommodations, homestay or in the residence hall. Students pay Austin Peay tuition, room and board the semester they attend Kansai Gaidai University. Other expenses, such as airline cost, books, personal expenses and travel, are the students' responsibility.

### *Taiwan*

*Campus Coordinator: Dr. C. Chen*  
*Phone: (931) 221-1472*

The Taiwan Project is an educational exchange program for faculty and students between APSU and National Changhua University of Education (NCUE), Taiwan, Republic of China. The Taiwan Project sponsors: (1) Student Exchange for one or two semesters. The contract with National Changhua University of Education allows selected APSU students to pay Austin Peay tuition and attend NCUE. Other expenses such as airline cost, room and board, books, personal expenses and travel, are the students' responsibility; (2) Study Abroad Program- students may be enrolled in a Summer Study Abroad Program at the host institution; and, (3) Faculty Exchange Program-selected faculty may attend the host institution for the purpose of research, teaching, general study, including course work, or the pursuit of advanced degrees. Faculty exchanges may begin in either the

summer or fall semesters. The period for the exchange is limited to one academic year. Exchange scholars shall receive financial assistance as determined by the host institution. APSU has recently established an academic cooperation agreement with Nankai College in Taiwan. The agreement includes Visitation Program, Faculty Exchange Program, Student Transfer Program, and Study Abroad Program.

## COOPERATIVE CENTER FOR STUDY ABROAD

*Campus Coordinator: Dr. J. Filippo*  
*Phone: (931) 221-6236*

The Cooperative Center for Study Abroad (CCSA) is an inter-institutional effort providing joint planning, coordination, and implementation for programs of study abroad to English speaking countries. 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) two summer terms of five weeks each: early June-early July, and early July-early August; (4) a Fall semester 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 campuses that apply to their degree programs. The CCSA member institutions identify comparable courses for those scheduled through other member universities.

## EUROPE

### *Holocaust Traveling Seminar*

*Campus Coordinator: Dr. D. Browder*  
*Phone: (931) 221-7924*

Austin Peay's Study Abroad Program offers students an opportunity to travel to Germany and France during the summer. The curriculum consists of History 490A, 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 hours credit.

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*

*Campus Coordinator: Dr. K. Sorenson*  
*Phone: (931) 221-6246*

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 in student exchange program, faculty exchange program, and other program which includes a) The exchange of publications, documents, research results, and other form of academic collaboration; and b) The summer study abroad program.

### *Greece*

*Campus Coordinator: Dr. T. Winters*  
*Phone: (931) 221-1227*

Students will travel to Crete, Athens, and visit archaeological and historical sites, and museums. Students will enroll in GREK 1110 and GREK 3400.

### *Spain*

*Campus Coordinator: Dr. M. Ruiz-Aviles*  
*Phone: (931) 221-7855*

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 Caidos.

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**

*Campus Coordinator: Ms. I. Filippo*

*Phone: (931) 221-7381*

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, personal expenses, are the students' responsibility. Financial aid and scholarships are available from APSU for studies at Mid Sweden University.

## **NORTH AMERICA**

### **Mexico**

*Campus Coordinator: Dr. R. Magrans*

*Phone: (931) 221-7847*

The Foreign Language Study Program is a joint venture between APSU and higher education centers in Mexico. This program sponsors: (1) a group study program of four weeks during June, July and August; (2) individualized independent study programs of various lengths during the summer.

Courses are taught by native faculty and by APSU faculty, as available, during the group study programs. Students may earn a variety of credits that apply to their degree programs.

### **Quebec, Canada**

*Campus Coordinator: Dr. K. Sorenson*

*Phone: (931) 221-6246*

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 quebecoise 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.

## WILBUR N. DANIEL AFRICAN AMERICAN CULTURAL CENTER

*College of Arts & Letters*

*Director: Dr. J. Wade*

*Location: Clement Building 101*

*Phone: (931) 221-7120*

*Website: [www.apsu.edu/enrichment/programs/AfrAmCntr.htm](http://www.apsu.edu/enrichment/programs/AfrAmCntr.htm)*

The Wilbur N. Daniel African American Cultural Center located in the Clement Building is an important University entity dedicated to providing theoretical and practical knowledge about the historic and contemporary contributions, achievements, and social perspectives of African Americans and other people of African descent. Its

mission includes educating and motivating students to be highly aware and appreciative of the diverse cultures that define the contemporary world. The Center brings to campus an array of outstanding African American and African-world scholars, artisans, and other professionals whose knowledge and accomplishments greatly enrich and enhance the University life of students, faculty, staff, and members of the broader Clarksville community.

## WOMEN'S STUDIES

*College of Arts & Letters*

See page 377

## \* \* \* ACADEMIC YEAR \* \* \*

### MAIN CAMPUS AND AP CENTER @ FORT CAMPBELL

The academic year on the Main Campus includes two semesters, designated as the Fall semester and the Spring semester. In addition, there is a Summer term with two sessions of five weeks each. Austin Peay Center @ Fort Campbell operates on four eight-week terms, Fall I (July-September), Fall II (October-December), Spring I (January-March), and Spring II (April-June).

### SUMMER TERM

The Summer term is offered for the convenience of students on the Main Campus desiring to begin or continue studies during that period. It is not intended that courses for the Summer term be offered as a regular part of program completion by students to finish their academic programs at that time. Scheduled classes not having sufficient enrollment will be canceled. Students should plan to complete required courses during the regular academic semesters in order to assure timely graduation.

### CLASSIFICATION AND NUMBERING OF COURSES

In general, courses numbered 1000-2999 are designed for freshmen and sophomores; courses numbered 3000-4999 are designed for juniors and seniors; courses numbered 5000, or above, are open to officially admitted graduate students only. Undergraduates interested in enrolling in graduate courses must have prior approval from the Dean of Graduate Studies and meet minimum qualifications.

### CURRENT OFFERINGS AND SCHEDULE OF CLASSES

Courses offered during the Fall and Spring semesters, and Summer terms, together with the time and place of meeting, are published in a SCHEDULE OF CLASSES, which is distributed before each registration period. A SCHEDULE OF CLASSES for Fort Campbell's Fall and Spring terms, listing courses and times offered, is published and distributed prior to the end of each term. The University reserves the right to cancel any courses listed in the SCHEDULE OF CLASSES.

## DEGREES AND PROGRAMS OF STUDY

The University confers 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.); and Bachelor of Professional Studies (B.P.S.). The University offers several graduate degrees at the masters' level and the Education Specialist degree. For specific information about these programs, consult the GRADUATE BULLETIN.

The following sections are designed to provide a quick reference for information concerning departments, majors, degrees, etc., offered within each of the colleges and Fort Campbell. For more specific information about those departments, majors, degrees, as well as about minors, concentrations, certification, curricula, core requirements, areas of instruction, etc., refer to the departmental listing or other appropriate sections of the BULLETIN.

### COLLEGE OF ARTS AND LETTERS

*Dr. James Diehr, Interim Dean*  
*Location: Harned Hall, Rm 127*  
*Phone: 931-221-6445; Fax: (931) 221-1024*  
*Email: diehrj@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 academic departments in the college are central to the liberal 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 multi cultural foundation for diverse educational experiences.

<u>DEPARTMENT</u>	<u>MAJOR</u>	<u>CONCENTRATIONS</u>	<u>TEACHER CREDENTIAL PREPARATION</u>	<u>DEGREE OFFERED</u>	
Art .....	Art .....	Graphic Design .....	Licensure 7-12 .....	B.F.A.	
		Studio Art .....	Licensure 7-12 .....	B.A. B.F.A.	
Communication .....	Communication .....	Mass Communication .....		B.A., B.S.	
		Arts .....	Public Relations .....	B.A., B.S.	
		Theatre .....	Theatre & Theatre Education .....	B.A., B.S. Licensure 7-12 .....	
History and .....	History .....		Licensure 7-12 .....	B.A., B.S.	
		Philosophy .....		Licensure 7-12 .....	B.A., B.S.
Languages and .....	English .....			Licensure 7-12 .....	
		Literature .....	Foreign Languages .....	Licensure 7-12 .....	B.A.
Music .....	Music .....	Spanish .....		Licensure 7-12 .....	B.A.
		Liberal Studies .....			B.A., B.S.
		Music Education .....	Licensure 7-12 .....		B.A., B.S.
		Music Performance .....		B.A., B.S.	

Degrees & Programs of Study

## COLLEGE OF PROFESSIONAL PROGRAMS AND SOCIAL SCIENCES

*Dr. David W. Denton, Interim Dean*  
*Location: Harned, Room 144*  
*Phone: (931) 221-6380; Fax: (931) 221-6382*  
*e-mail: dentond@apsu.edu*  
*Website: www.apsu.edu/ppss/*

The College of Professional Programs and Social 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.

<u>DEPARTMENT</u>	<u>MAJOR</u>	<u>CONCENTRATIONS</u>	<u>TEACHER CREDENTIAL PREPARATION</u>	<u>DEGREE OFFERED</u>
Health and Human Performance	Health		Licensure 7-12	B.S.
	Health and 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 7-12	B.A., B.S.
School of Business	Business	Accounting		B.B.A.
		Economics		B.B.A.
		General Business		B.B.A.
		Finance		B.B.A.
		Management		B.B.A.
		Marketing		B.B.A.
School of Education	Interdisciplinary Studies		Licensure K-8, 5-8	B.S.
	Special Education		Licensure K-12	B.S.
School of Nursing	Nursing		RN Licensure	B.S.N.
Social Work and Sociology	Social Work			B.S.
	Sociology		Licensure 7-12	B.S.

Degrees & Programs of Study

### SCHOOL OF BUSINESS

*\_\_\_\_\_ , Interim Director*  
*Location: Kimbrough 104*  
*Phone (931) 221-7674*  
*Website: www.apsu.edu/business/*

### MISSION

Students are the first priority of the faculty and staff of the School of Business. Our students come to us with a variety of goals, interests, needs, experiences, and expectations. We strive to know them well and to create a challenging, supportive, and mutually respectful atmosphere for individual and collaborative learning. We believe our students deserve to be advised and instructed in innovative ways. This will enable them, as individuals, to develop the performance, pride, professionalism, and passion for learning that distinguishes them as School of Business graduates.



## STRATEGIC PROFILE

The School of Business is a professional undergraduate school within the designated liberal arts university of the Tennessee Board of Regents. As such, professional activities are designed to complement and fulfill the liberal arts mission of the university. The curriculum is intended to expand and 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, and such efforts are expected to extend into and influence teaching. The School's commitment to service includes contributions to disciplines, University, and community, and offers additional opportunities for enhanced instruction and applied research.

## THE BACHELOR OF BUSINESS ADMINISTRATION

The School of Business offers the Bachelor of Business Administration (BBA) with a major in business and concentrations in accounting, economics, general business, finance, management, and marketing. Minors are recommended but not required of business majors.

## ADMISSION TO THE B.B.A. PROGRAM

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; students in the Developmental Studies Program are encouraged to work jointly with an advisor in the School of Business.

Before enrolling in junior and senior (3000-4999) business courses (except QM 3110), business majors must have earned junior standing (60 hours) with a minimum cumulative GPA of 2.1 and have completed ENGL 1010, 1020, MATH 1110, 1810, ACCT 2010, 2020, ECON 2010, 2020, MIS 1200 and QM 2110. Any exception to these requirements must be approved by the Director of the School of Business. Students seeking exceptions must complete the Petition for Exception to SCHOOL OF BUSINESS Admission form, and obtain a business advisor's signature before submitting to the Director.

Transfer students first meet with the appropriate department chair in business for a review of the transcript and then are assigned to a faculty advisor. Transfer credit from community or technical colleges and the associate degree programs at Fort Campbell is limited to the lower division. 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 Director of the School of Business. Substitution of a lower-division course for an upper-division course does not waive the required upper-division hours.

Students enrolled in the BBA program who plan to take courses at the Austin Peay Center @ Fort Campbell or another institution for transfer credit to APSU must secure prior written approval from the appropriate area coordinator and the Registrar on the Coursework Approval Form.

The Coordinator of Advising and Student Records of the School of Business provides information to prospective students, works with admitted students in change of major and assignment of advisors, and maintains student records. All forms for exception to SCHOOL OF BUSINESS admission, change of major, and registration are available through this office in Kimbrough 223.

Non-business majors or business minors 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 School of Business; students taking beyond the 32 hours must meet the upper-division admission requirements of the BBA program as stated above.

## SCHOOL OF EDUCATION

*Dr. John G. Mitchell, Interim Director*

*Location: Claxton Building, Room 210*

*Phone (931) 221-7696*

*Website: [www.apsu.edu/educ/](http://www.apsu.edu/educ/)*

The School of Education offers several undergraduate programs with emphasis placed on professional preparation and other support activities. Education is divided into major coordinating and instructional areas including: Early Childhood, Interdisciplinary Studies (elementary), Secondary Education, and Special Education. Graduate areas include: Educational Leadership Studies, Curriculum and Instruction, Reading, Secondary Education, and Special Education. Students should review their courses of studies with the appropriate coordinator or advisor.

### PROGRAM INFORMATION

**Undergraduate Major Programs:** The Education Department offers two majors: Interdisciplinary Studies (K-8; 5-8) and Special Education. (K-12)

**Licensure Program:** Majors for licensure programs at the secondary level are offered in academic departments. Refer to specific discipline in this BULLETIN.

**Academic Regulations to Applying 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.

**Accreditation of Education Programs:** Teacher education programs at APSU are approved by the National Council for Accreditation of Teacher Education (NCATE) and the State of Tennessee.

**Correspondence Credit for Licensure:** Correspondence credit for licensure is not acceptable without prior approval by the Dean on the Coursework Approval Form available from the Office of the Registrar.

**Licensure Post-baccalaureate:** Holders of degrees from 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 106 for evaluation.) Some graduate work may be applicable toward a degree in this program.

**Additional Requirements for Licensure in other States:** Students seeking Kentucky licensure 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.

### TEACHER EDUCATION IDENTIFICATION PROCESS

Any student interested in obtaining a license to teach must contact the Office of Teacher Licensure, Claxton 106, to activate their teacher licensure file. This should be completed by students enrolled in EDUC 1000, or during initial advisement for transfer students.

### PROVISIONAL ADMISSION TO TEACHER EDUCATION

After completion of approximately 60 semester hours of Liberal Arts core requirements and EDUC 1000 and EDUC 2100 with a minimum grade of "C", students may be Provisionally Admitted by the Director of Teacher Education or a designee. Provisional Admission also requires meeting the minimum criteria of:

1. Minimum cumulative GPA of 2.75;

2. No grade below “C” in ENGL 1010 and 1020, HIST 2010, 2020 or 2030, and core laboratory sciences and mathematics; and,
3. Satisfactory initial test scores or equivalent:
  - a. PRAXIS I (Pre-Professional Skills Test) with minimum scores in reading, writing and mathematics; or,
  - b. Minimum ACT Composite score of 22, or SAT of 1030 (Verbal and Math), less than five years old; or,
  - c. B.S. or B.A. degree from an accredited institution, meet minimum scores on PPST or GRE (Graduate Record Examination). Post-baccalaureate candidates pursuing a graduate degree are encouraged to use the GRE for admission to Teacher Education, if a graduate degree will be pursued.

### **FULL ADMISSION TO TEACHER EDUCATION**

Full admission to teacher education may be granted only by the Screening Appeals Committee of the Council for Teacher Education. Minimum requirements include:

1. Provisional Admission;
2. GPA minimum of 2.75 in major, Interdisciplinary Studies or Professional Education minor (Professional Education), and overall;
3. No grade below “C” in professional education courses;
4. Completion of Student Interview by Panel of Practitioners;
5. No serious infractions in disciplinary record;
6. Three favorable faculty recommendations, one each from:
  - a. the major,
  - b. the School of Education, and
  - c. the student’s choice; and
7. Successfully pass the PRAXIS II Specialty Exam(s) and the Principles of Learning and Teaching Test;
8. Acceptable review by the School of Education faculty.

### **ADMISSION TO STUDENT TEACHING**

To register for Student Teaching, the student must have met the requirements for full admission to teacher education.

### **APPEAL PROCESS**

Students who do not meet one of the standards for provisional or full admission to Teacher Education are permitted to request a waiver of the standard. The candidate should pick up an appeals form in the Office of Teacher Licensure (Claxton, Room 106) and return it along with a transcript to the Office of Teacher Licensure. The School of Education’s Appeals Committee meets at the beginning and end of each semester and candidates are notified by mail of the committee’s decision.

### **RECOMMENDATION FOR LICENSURE**

Candidates desiring a University recommendation for licensure must meet the following criteria:

1. Full admission to the program;
2. Satisfactory completion of Student Teaching;
3. Passing Score on the Principles of Learning and Teaching subtest on the PRAXIS II; Elementary licensure requires K-6 version, Middle School licensure requires 5-9 version, Secondary School licensure requires 7-12 version. K-12 licensure may choose any one of the three tests;
4. Passing score on the PRAXIS II Specialty Area(s) (Teaching specialty(s)) as required;

5. Fully qualified to receive a bachelor's degree and maintains a minimum cumulative GPA of 2.75 upon completion of the program;
6. The student must possess good moral character and be free from mental and physical disabilities which would impair effectiveness as a teacher;
7. The student must have completed all degree requirements, to include a Liberal Arts core, a teaching major, the professional education minor, and any mandated licensure requirements which may not be in the BULLETIN under which the student entered (BULLETIN not to exceed six years). Courses completed must satisfy State of Tennessee guidelines for licensure; and,
8. The student is responsible for providing all test scores and paperwork required by the Office of Teacher Licensure.

### **FUTURE CHANGES IN TEACHER EDUCATION**

The State Board of Education policy changes take precedence over the licensure programs in this BULLETIN. Some of these changes and college-initiated changes may occur before this BULLETIN is replaced with another edition. Education advisors will be able to provide information about changes.

It is probable that program requirements will change during a student's matriculation.

### **PREPARATION FOR SECONDARY SCHOOL TEACHERS (LICENSURE FOR 7-12 OR K-12)**

This curriculum is designed for students who desire a degree in liberal arts and sciences with licensure to teach in the secondary school (grades 7-12) or to teach art, health and physical education, and music (grades K-12). All requirements for provisional and full admission to teacher education apply to these courses of study. Students must complete a Liberal Arts core, a major, and the professional education minor total at least 128 hours. Students seeking licensure in 7-12 or K-12 must complete the Liberal Arts core, including HHP 1260, for the B.A. or B.S. degree as designated in this BULLETIN. Courses completed must satisfy required State guidelines.

### **DECLARE INTENT**

Students planning to become licensed to teach in secondary schools should declare their intent as early as possible and should follow the Teacher Education Identification process on page 104.

**ADDITIONAL TEACHING ENDORSEMENTS** –contact the Licensure Office in Claxton 106 for specific requirements for add-on endorsements.

### **SCHOOL OF NURSING**

*Dr. Kathy L. Martin, Director*  
*Location: McReynolds Building*  
*Phone: (931) 221-7710*  
*Website: [www.apsu.edu/nursing01/](http://www.apsu.edu/nursing01/)*

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 Licensure Examination for R.N. Licensure. Additionally, the School of Nursing offers a post-licensure undergraduate program through which the licensed registered nurse may complete the requirements for the BSN degree. Students should review their course of studies with a designated School of Nursing Advisor.

**COLLEGE OF SCIENCE AND MATHEMATICS**

*Dr. Gaines Hunt, Interim Dean*  
*Location: Harned Hall 132*  
*Phone: (931) 221-7971, Fax: (931) 221-1024*  
*e-mail: huntg@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, 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 is to promote scientific literacy while emphasizing the process, content, and interdisciplinary nature of science. Additionally, our mission is to develop critical thinking skills, to enhance verbal and written communication abilities, encourage reasoned debate on scientific issues, and promote civic responsibility.

Our goal is to provide professional training at the undergraduate and graduate levels, while serving as a foundation for a career in science or mathematics, as well as to provide training for allied health professions and pre-professional training in preparation for careers in medicine, dentistry, pharmacy, and veterinary science. In addition, we encourage collaborative research with faculty, internships, and other learning experiences that facilitate transition to work or graduate and professional education.

<u>DEPARTMENT</u>	<u>MAJOR</u>	<u>CONCENTRATIONS</u>	<u>TEACHER CREDENTIAL PREPARATION</u>	<u>DEGREE OFFERED</u>
Biology.....	Biology .....		Licensure 7-12.....	B.S.
Chemistry.....	Chemistry.....		Licensure 7-12 .....	B.S.
Computer Science .....	Computer Science and Information Technology			
	Systems.....	Computer Science .....		B.S.
		Information Systems .....		B.S.
		Database Administration .....		B.S.
		Internet and Web Technology.....		B.S.
Mathematics .....	Mathematics.....		Licensure 7-12 .....	B.S.
School of Agriculture and Geosciences .....	Agriculture.....	Agri-Business .....		B.S.
		Agri-Communications.....		B.S.
		Agri-Science .....		B.S.
	Geosciences .....	Global Environment & Development.....		B.S.
		Environmental Hazards.....		B.S.
		Geographic Information Analysis .....		B.S.
		Soil and Water Management .....		B.S.
		Geology .....		B.S.
Physics & Astronomy....	Physics.....		Licensure 7-12.....	B.S.
		Computational Methods.....		B.S.
		Optoelectronics.....		B.S.
		Professional Management.....		B.S.
		3+2 Engineering.....		B.S.

Degrees & Programs of Study

## SCHOOL OF TECHNOLOGY AND PUBLIC MANAGEMENT

### *Austin Peay Center @ Fort Campbell*

*Mr. Gerald Beavers, Executive Director*

*Location: SSG Glenn H. English, Jr., Army Education Center*

*Bldg. 202 - Rm. 138, Fort Campbell, KY*

*Phone: (931) 221-1400, Fax: (931) 221-1450*

*e-mail: beaversg@apsu.edu*

*Website: <http://www.apsu.edu/apfc/>*

The School of Technology and Public Management offers undergraduate programs for students seeking courses in engineering technology, public management, professional studies, law enforcement, restaurant management, and various areas of technology such as automotive, construction, welding, electronics, computer science, and secretarial procedures. General requirements for all degrees available in the School of Technology and Public Management are included on page 110. Academic regulations applying to associate and baccalaureate degrees are included on page 119 & 120. In addition, curriculum and liberal arts core requirements for all undergraduate students expecting to earn a degree from this College are included on page 116.

Degrees & Programs of Study

<u>DEPARTMENT</u>	<u>MAJOR</u>	<u>CONCENTRATIONS</u>	<u>DEGREE OFFERED</u>	
Engineering Technology.....	Engineering Technology .....	General .....	B.S.	
		Electrical .....	B.S.	
		Manufacturing .....	B.S.	
		Electronics Technology .....	A.A.S.	
		Fort Campbell.....	Liberal Arts.....	A.S.
Fort Campbell.....	Occupational Studies.....	Automotive Technology .....	A.A.S.	
		Construction Technology .....	A.A.S.	
Public Management .....	Public Management.....	Criminal Justice.....	B.S.	
		General Management* .....	B.S.	
		Geography or Geology .....	B.S.	
		Health and Human Performance (Recreation).....	B.S.	
		History .....	B.S.	
		Political Science.....	B.S.	
		Public Management (Criminal Justice)*	B.S.	
		Secretarial Procedures* .....	B.S.	
		Sociology.....	B.S.	
		Technology* .....	B.S.	
		Data Processing .....	Computer Science Technology .....	A.A.S.
			Data Processing* .....	A.A.S.
			Secretarial Procedures* .....	A.A.S.
Management Technology*.....	Management Technology .....	A.A.S.		
	Police Science & Administration*	A.A.S.		
	Restaurant Management* .....	A.A.S.		
Professional Studies.....		Professional Studies .....	B.P.S.	

\*Austin Peay Center @ Fort Campbell only

**COLLEGE OF GRADUATE STUDIES**

*Dr. Lou Beasley, Interim Dean*

*Location: Kimbrough Building 203*

*Phone (931) 221-7414, Fax (931) 221-7641*

*e-mail: beasleyl@apsu.edu*

*Graduate programs are found in the GRADUATE BULLETIN or www.apsu.edu/cogs/*

The University confers five graduate degrees: Master of Arts (M.A.), Master of Arts in Education (M.A.Ed.), Master of Music (M.Mu.), Master of Science (M.S.) and the Education Specialist (Ed.S.).

**MASTER DEGREES**

<u>MAJORS &amp; DEGREES</u>	<u>CONCENTRATIONS</u>	<u>SPECIALIZATIONS</u>	<u>DEGREE OFFERED</u>
Administration & Supervision .....			M.A.Ed.
Biology .....			M.S.
Communication Arts .....		General Communication .....	M.A.
		Corporate Communication.....	M.A.
Curriculum & Instruction .....	Special Education .....	Instructional Technology .....	M.A.Ed.
		Leadership.....	M.A. Ed.
		Mathematics .....	M.A. Ed.
Elementary Education .....			M.A. Ed.
English .....			M.A.
Guidance & Counseling .....	Agency Counseling .....		M.S.
	School Counseling.....		M.S.
Health and Human .....			
Performance .....	Public and Community .....	Exercise Science .....	M.S.
	Health .....	Gerontology.....	M.S.
	Health Services Administration	Sports Administration.....	M.S.
Music .....	Music Education .....		M.Mu.
	Music Performance .....		M.Mu.
Psychology .....	Clinical Psychology .....		M.A.
	Industrial/Organizational Psychology .....		M.A.
	Psychological Science.....		M.A.
	School Psychology.....		M.A.
Reading .....			M.A.Ed.

<u>MAJORS &amp; DEGREES</u>	<u>CONCENTRATIONS</u>	<u>DEGREE OFFERED</u>
Education *	Administration and Supervision	Ed.S.
	Counseling and Guidance	
	Elementary Education	
	School Psychology	
	Secondary Education	

\*Completion of an appropriate master's degree is required prior to admission into this program.

For more information contact the College of Graduate Studies  
P. O. Box 4458; Clarksville, Tennessee 37044 or <http://www.apsu.edu/cogs/>

Degrees & Programs of Study

## GENERAL REQUIREMENTS FOR AN ASSOCIATE DEGREE

1. The candidate shall earn at least 16 semester hours credit in residence.
2. The candidate will earn at least 64 semester hours credit, which include two semester hours of physical education activities or military science courses numbered below 3000, and must follow the specific course requirements as given in the outlined Program of Study. Not more than one-half of the required credits may be earned as non-traditional credits. After the last semester/term in residence, the student may not transfer more than 16 semester hours of credit earned at other institutions to apply toward the completion of the degree requirements at APSU with the exception of SOCAD-2. (See page 96)
3. The candidate transferring from other associate degree programs must be admitted to APSU.
4. The candidate is required to 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.
5. The candidate must submit an application for the associate degree to the Information Window at Austin Peay Center @ Fort Campbell or the Office of the Registrar in the Ellington Student Services Building by the published deadline.
6. The candidate must satisfy the computer literacy requirement for the Associate of Science degree (see page 111).

## GENERAL REQUIREMENTS FOR A BACHELOR DEGREE

1. The candidate shall earn at least 32 semester hours credit in residence and earn at least 24 hours credit during the junior or senior years. After the last semester/term in residence, the student may not transfer more than 24 semester hours credit earned at other institutions to apply toward the completion of the degree requirements at APSU (except for SOCAD-4, see page 96). (For exception to the requirement concerning the last semester in residence see the section of this BULLETIN stating the requirements for the pre-professional curriculum leading to a degree from APSU conferred in absentia.
2. The candidate shall earn at least 128 semester hours credit, at least 48 of which shall be earned in courses numbered 3000-4999 or upper-division elective (EU) transfer credits. Transfer students with an associate's degree that meet the Liberal Arts core requirements will need at least 42 upper division hours. For community college transfer students, the requirement of at least 48 upper-division hours may be lowered to 42 with the approval of the dean of the college in which the student is majoring.
3. The candidate shall earn at least twice as many quality points as credits attempted—that is, make at least a "C" (2.00) average in all courses attempted. In addition, all candidates, including transfer students, must have at least a "C" (2.00) average in all courses attempted at APSU, and in all courses used to satisfy the minimum requirements of both the major and the minor.
4. Candidates shall complete the required Liberal Arts core courses of their curriculum or the equivalent as



approved by the dean/director of the college/center in which the student is majoring, or the Vice President for Academic Affairs. Any substitution of a core course is to be approved by the dean of the college in which the student is majoring.

5. Candidates shall complete the areas of concentration required in their curricula or the majors and minors prescribed by the department in which they elect to major or minor. Any substitution for a required course is to be approved by the chair or director of the department requiring the course in the major or minor.
6. Unless the design of a particular curricula prevents it, generally the courses in the Liberal Arts core requirements for the degree should be completed by the end of the sophomore year.
7. Students who have satisfactory completed at least 24 weeks of intensive linguistic instruction, as recommended by ACE, may apply these credits to satisfy the Humanities - foreign language (IV. B. 3 - 6 hours) Liberal Arts core requirement.
8. The candidate must satisfy the computer literacy requirement.
9. Total credits required for graduation with a baccalaureate degree will be at least 128, including the Liberal Arts core, major, minor, and upper division credits.
10. Senior Exit Exam is required for all bachelor degrees.

### TESTING AS A DEGREE REQUIREMENT

All students will be required to take one or more tests designed to measure Liberal Arts achievement and/or achievement in selected major areas as a prerequisite for graduation. In addition, students may be required to take other tests deemed necessary by the institution.

The results of these tests will be used for evaluation of academic programs. As a part of this assessment program, the ETS Academic Profile will be administered to all Bachelor degree students the semester/term of graduation. Unless otherwise provided for any individual program, no minimum score or level of achievement is required for graduation. Participation in testing is a graduation requirement for all students, and a commitment to performing well is expected.

### COMPUTER LITERACY

Certification of one's computer literacy has been established by the Tennessee Board of Regents as a degree requirement for all students. All Austin Peay State University degree recipients must fulfill this requirement.

The requirements can be met by satisfactory completion of one of the following courses:

CTIM 2110 - Microcomputer Fundamentals  
 ART 1070 - Electronic Imaging  
 CHEM 3220 - Instrumental Analysis  
 COMM 3100 - Desktop Publishing  
 COMM 4100 - Authoring Web Pages  
 CSCI 1000 - Introduction to Computer Science  
 CSCI 1005 - Computer Hardware, Software, and Programming Concepts  
 CSCI 1010 - Introduction to Programming  
 CSCI 1015 - Introduction to Computer Programming  
 EDUC 3040 - Instructional Technology  
 ENGL 1100 - Technical Writing  
 GEOL 3060 - Quantitative Geosciences  
 GEOL 3061 - Quantitative Geosciences Lab  
 MIS 1100 - Computers in Business  
 MIS 1200 - Business Information Technology  
 MUS 3160 - Introduction to Music Technology

Students may wish to check with their academic dean for additional courses that may satisfy the computer literacy graduation requirement.

## GOALS OF THE LIBERAL ARTS CORE REQUIREMENTS

1. **Reasoning** - Students should learn to reason well, to formulate problems, to recognize and use inductive and deductive reasoning, and to draw reasonable conclusions from information found in various sources. They should be able to distinguish between fact and opinion. They should also learn to recognize when reason and evidence are insufficient and to acknowledge the legitimacy of intuition.
2. **Literacy** - Students should be able to write essays that are unified, coherent, correct, and effective. They should be able to vary their style, including diction and sentence structure, for different readers and purposes. They should be able to gather information from primary and secondary sources and to write reports using this research. Students should be able to read actively, aesthetically, and critically. They should be able to vary their reading speed according to the material. They should be able to separate their personal opinions and assumptions from a writer's. Students should be able to speak critically and constructively in the exchange of ideas. They should be adept at listening intelligently and creatively, recognizing the uses of language, anticipating the drift for a speaker's thought, and separating the vacuous from the perceptive.
3. **Numerical Understanding** - Students should have an understanding of and an ability to use mathematical concepts. They should understand the value of research data in interpreting the past and predicting the future. They should be literate in the skills of mathematical communication.
4. **Historical Consciousness** - Students should have an understanding of the relationship between past and present, of changes, and of continuation.
5. **Scientific Knowledge** - Students should have an understanding of our physical and geological worlds. They should have knowledge of and be able to apply methods of scientific inquiry. They should be aware of the impact of the scientific knowledge on the human condition-personal, environmental, social, and political.
6. **Values** - Students should develop the capability to make responsible decisions, based on an evolving personal value system, and to understand how these decisions affect society.
7. **Appreciation of the Fine Arts** - Students should experience the fine arts as a contribution toward the enrichment of living.
8. **Multicultural Experience** - Students should have an understanding of diverse cultures in a changing world increasingly influenced by international trends.
9. **Personal Development** - Students should understand the importance of life-long learning and the means of attaining mental and physical health.

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, synthesis, evaluative judgments, and personal responsibility.

## CURRICULAR REQUIREMENTS FOR THE BACHELOR OF ARTS DEGREE (B.A.)

This curriculum is designed for students who desire a degree in liberal arts and science. The requirements of this curriculum include the completion of the intermediate level course (2010-2020) or the equivalent in French, German, Greek, Japanese, Latin, or Spanish; or by making a satisfactory grade on a proficiency examination. Students who are not prepared to begin with the intermediate course should take the elementary course in the chosen language.

The Honors Program satisfies specific Liberal Arts core requirements (see page 276).

All universities and community colleges in the Tennessee Board of Regents System (TBR) share a common set of Minimum Requirements for baccalaureate degrees or associate degrees designed for transfer.

Every TBR institution incorporates the thirty-two semester hours into its degree program requirements and accepts all courses designated as meeting these requirements at other TBR institutions. By ensuring the transferability of courses fulfilling the Minimum Degree Requirements, the TBR has eliminated unnecessary

repetition of these courses by students transferring to institutions within the TBR System. Because each TBR institution has a unique mission and its own distinctive curriculum, an institution may require students to complete additional courses in the Minimum Degree subject areas and in other areas that may comprise an institutional General Education Program. Students planning to receive a bachelor of arts or associate of arts degree must demonstrate proficiency in a foreign language as prescribed in the institutional degree requirements.

Although the courses fulfilling the minimum degree requirements may vary in actual design among institutions, many contain similar content. These courses are identified by common course rubrics (prefixes) and numbers in all TBR institutions to facilitate transferability.

A complete matrix of courses that satisfy the Minimum Degree Requirements at all TBR institutions and an explanation of the common course rubric and numbering system are available on the TBR web page ([www.tbr.state.tn.us](http://www.tbr.state.tn.us)).

### LIBERAL ARTS CORE REQUIREMENTS FOR BACHELOR OF ARTS DEGREE

- I. **Communications** ..... 9 hours
  - A. ENGL 1010 - English Composition or HON 1010 - Language and the Problems of Modern Culture, and ENGL 1020 - English Composition - 3 hours each; select one below - (total 9 hours):
    - 1. COMM 1010 - Fundamentals of Public Speaking - 3 hours
    - 2. COMM 2030 - Debate - 3 hours
- II. **Health and Personal Development** ..... 5 hours
  - A. Two physical education activity courses (1 hour each) Any lower-level ROTC course may be substituted for a physical education activity course. Credit earned for Marching Band (MUS 1630 or 3630) during Fall semester may be substituted for required physical education activity courses.
  - B. Select one course from: (3 hours each)
    - 1. HHP 1210 - Principles of Nutrition
    - 2. HHP 1260 - Personal Health
    - 3. HHP 2050 - Community and Environmental Health
    - 4. PSY 1210 - Psychology of Adjustment
    - 5. PSY 2210 - Human Interaction
    - 6. COMM 1030 - Interpersonal Communication

Liberal Arts Core Requirements For A Bachelor Of Arts Degree

- III. History ..... 6 hours
- A. HIST 2010, 2020 - American History, I and II - 3 hours each
  - B. HIST 2030, History of Tennessee may be substituted for three hours in the six-hour requirement above.
- IV. Humanities ..... 15-16 hours
- A. ENGL 2030 Traditions in World Literature - 3 hours
  - B. Foreign language\* (6 hours)
  - C. Two courses required from two of these departments: (6 -7 hours)
    1. Art Department - 3 hours each
      - a) ART 1030 - Art Appreciation
      - b) ART 3200 - Art History, U.S.
    2. Music Department
      - a) MUS 1030 - Music Appreciation - 3 hours
      - b) MUS 2050 - Beginning Music Reading and Performance - 3 hours
      - c) MUS 2100 - Music in America - 3 hours
      - d) MUS 1950 & 1960-Introduction to Music Literature (to be taken in sequence) - 4 hours, together
      - e) MUS 2030 - World Music - 3 hours
    3. Communication and Theatre Department - 3 hours each
      - a) THEA 2010 - Interpretation of Literature
      - b) THEA 1030 - Introduction to Theatre
      - c) THEA 3000 - American Theatre
- \*Six hours of foreign language at intermediate level required for B.A. degree. Students who are not prepared to begin with the intermediate course should begin with the elementary level courses.
- V. Science/Mathematics ..... 11-14 hours
- A. Science: a two-course sequence or any two courses from approved courses listed below unless specified in the course descriptions (8 hours)
    1. BIOL 1010, 1020 - General Biology - 4 hours each
    2. BIOL 2010, 2020 - Human Anatomy and Physiology - 4 hours each
    3. CHEM 1000 - Chemistry for General Education - 4 hours
    4. CHEM 1010, 1020 - Chemistry: Society and Environment - 4 hours each
    5. CHEM 1110, 1120 - General Chemistry - 5 hours each
    6. CHEM 1710 or PHYS 1710 - Introductory Chemistry and Physics - 4 hours each
    7. GEOL 1040 - Physical Geology - 4 hours
    8. GEOL 1050 - Historical Geology - 4 hours
    9. PHYS 1010 - Understanding the Physical World - 4 hours
    10. PHYS 1020 - Understanding the Physical World - 4 hours
    11. ASTR 1210 - Planetary Astronomy - 4 hours
    12. ASTR 1220 - Stellar Astronomy - 4 hours
    13. PHYS 2010, 2020 - College Physics - 5 hours each
    14. PHYS 2110, 2120 - University Physics - 5 hours each
  - B. Mathematics: Select and complete one option to satisfy requirement (3 - 6 hours).
    1. MATH 1610, 1620 - Fundamental Concepts of Mathematics - 3 hours each
    2. MATH 1110 - College Algebra - 3 hours, and one of the following:
      - a) MATH 1120 - College Algebra - 3 hours
      - b) MATH 1530 - Elements of Statistics - 3 hours
      - c) MATH 1810 - Elements of Calculus - 3 hours
      - d) PHIL 2900 - Critical Reasoning and Logic - 3 hours
      - e) PHIL 4000 - Symbolic Logic - 3 hours

3. MATH 1720 - Trigonometry - 3 hours
4. MATH 1810, 1820 - Elements of Calculus - 3 hours each
5. MATH 1910 - Calculus and Analytic Geometry - 5 hours
6. MATH 1410, 1420 - Structure of Mathematics Systems - 3 hours each
7. MATH 3000 - Discrete Mathematics - 3 hours

**VI. Social Science ..... 6 hours**

These hours must be selected from two different sections below:

- A. School of Business - 3 hours each
  1. ECON 2000 - Contemporary Economics
  2. ECON 2010 - Principles of Economics
  3. FIN 1000 - Personal Finance
- B. School of Agriculture & Geosciences - 3 hours each
  1. GEOG 1010 - Physical Geography
  2. GEOG 1020 - Geography of the Developed World
  3. GEOG 1030 - Geography of the Developing World
- C. History and Philosophy Department - 3 hours each
  1. HIST 1210 - World History I
  2. HIST 1220 - World History II
- D. Political Science Department - 3 hours each
  1. PSCI 2010 - American National Government
  2. PSCI 2040 - Introduction to Public Policy
  3. PSCI 2070 - International Politics
- E. Psychology Department
  1. PSY 1010 - General Psychology - 3 hours
- F. Sociology Department - 3 hours each
  1. SOC 2010 - Introduction to Sociology
  2. SOC 2050 - Social Problems
  3. SOC 3010 - Marriage and the Family
  4. SOC 3500 - Cultural Anthropology

**MAJORS**

See page 126

for admission to teacher education on page 105.

**MINORS**

See page 126

**HONORS COURSES:** The 15 semester hours of credit earned in HON 1010, 2010, 2020, 2030, 2040, or 3000 may be used to satisfy 15 hours of the Liberal Arts core requirements: three hours in Communications, nine hours in Humanities, and three hours in Social Sciences other than American History. For students who begin the 15 semester hour undergraduate program but do not complete it, decisions about core substitutions will be made by the Dean of the College of Arts and Letters in consultation with the Coordinator of the Honors Program.

**ELECTIVES**

For students earning a B.A. degree, electives must be selected so that 96 semester hours credit are in the areas of humanities, social sciences, and science and mathematics.

**COMPUTER LITERACY**

See page 111

**TEACHER LICENSURE:** Teacher Licensure students who desire to seek licensure to teach are referred to criteria

Liberal Arts Core Requirements For A Bachelor Of Arts Degree

## CURRICULAR REQUIREMENTS OF THE BACHELOR OF BUSINESS ADMINISTRATION (B.B.A.) AND THE BACHELOR OF SCIENCE DEGREE (B.S.)

Unlike the Bachelor of Arts curriculum, this curriculum does not require a foreign language. Majors may require specific courses that fulfill the following Liberal Arts core requirements. Refer to sections of this BULLETIN or consult with your advisor or department chair.

The Honors Program satisfies specific Liberal Arts core requirements (see pages 276).

All universities and community colleges in the Tennessee Board of Regents System (TBR) share a common set of Minimum Requirements for baccalaureate degrees or associate degrees designed for transfer.

Every TBR institution incorporates the thirty-two semester hours into its degree program requirements and accepts all courses designated as meeting these requirements at other TBR institutions. By ensuring the transferability of courses fulfilling the Minimum Degree

Requirements, the TBR has eliminated unnecessary repetition of these courses by students transferring to institutions within the TBR System. Because each TBR institution has a unique mission and its own distinctive curriculum, an institution may require students to complete additional courses in the Minimum Degree subject areas and in other areas that may comprise an institutional General Education Program.

Although the courses fulfilling the minimum degree requirements may vary in actual design among institutions, many contain similar content. These courses are identified by common course rubrics (prefixes) and numbers in all TBR institutions to facilitate transferability. A complete matrix of courses that satisfy the Minimum Degree Requirements at all TBR institutions and an explanation of the common course rubric and numbering system are available on the TBR web page ([www.tbr.state.tn.us](http://www.tbr.state.tn.us)).

### LIBERAL ARTS CORE REQUIREMENTS OF THE BACHELOR OF BUSINESS ADMINISTRATION AND BACHELOR OF SCIENCE DEGREES

- I. **Communication** ..... 9 hours
  - A. ENGL 1010 - English Composition or HON 1010 - Language and the Problems of Modern Culture, and ENGL 1020 - English Composition - 3 hours each; select one below - (total 9 hours):
    1. COMM 1010 - Fundamentals of Public Speaking - 3 hours
    2. COMM 2030 - Debate - 3 hours
- II. **Health and Personal Development** ..... 5 hours
  - A. Two physical education activity courses (1 hour each)  
Any lower-level Military Science course may be substituted for a physical education activity course. Credit earned for Marching Band (MUS 1630 or 3630) during Fall semester may be substituted for required physical education activity courses.
  - B. Select one course from: (3 hours each)
    1. HHP 1210 - Principles of Nutrition
    2. HHP 1260 - Personal Health
    3. HHP 2050 - Community and Environmental Health
    4. PSY 1210 - Psychology of Adjustment
    5. PSY 2210 - Human Interaction
    6. COMM 1030 - Interpersonal Communication

- III. **History** ..... 6 hours
  - A. HIST 2010, 2020 - American History, I and II - 3 hours each
  - B. HIST 2030 - History of Tennessee may be substituted for three hours in the six-hour requirement above.
- IV. **Humanities** ..... 16 hours
  - A. ENGL 2030 - Traditions in World Literature (3 hours); PLUS World Literature (3 hours) OR Foreign Language (3 hours) or Philosophy (3 hours)
    - 1. ENGL 2030 - Traditions in World Literature - 3 hours; and one of the following - 3 hours each - Total, 6 hours ENGL 2040 - World Literature: Fiction ENGL 2050 - World Literature: Poetry ENGL 2060 - World Literature: Drama ENGL 2070 - World Literature and Film ENGL 2080 - Themes in World Literature
    - 2. Foreign Language: 3 hours each
      - a. FREN 2010 or 2020 - Intermediate French
      - b. GERM 2010 or 2020 - Intermediate German
      - c. GREK 2010 or 2020 - Intermediate Greek
      - d. JAPN 2010 or 2020 - Intermediate Japanese
      - e. LATN 2010 or 2020 - Intermediate Latin
      - f. SPAN 2010 or 2020 - Intermediate Spanish
    - 3. Philosophy: 3 hours each
      - a. PHIL 1030 - Introduction of Philosophy
      - b. PHIL 2200 - Religion and the World
      - c. PHIL 2300 - Medical Ethics.
      - d. PHIL 2310 - Environmental Ethics
      - e. PHIL 2400 - Business Ethics
      - f. PHIL 2410 - Educational Ethics
  - B. Two courses required from two of these departments: (6-7 hours)
    - 1. Art Department - 3 hours each
      - a. ART 1030 - Art Appreciation
      - b. ART 3200 - Art History, U.S.
    - 2. Music Department
      - a. MUS 1030 - Music Appreciation - 3 hours
      - b. MUS 2050 - Beginning Music Reading and Performance - 3 hours
      - c. MUS 2100 - Music in America - 3 hours
      - d. MUS 1950 and 1960 - Introduction to Music Literature (to be taken in sequence) - 4 hours, together
      - e. MUS 2030 - World Music - 3 hours
    - 3. Communication and Theatre Department - 3 hours each
      - a. THEA 2010 - Interpretation of Literature
      - b. THEA 1030 - Introduction to Theatre
      - c. THEA 3000 - American Theatre
- V. **Science/Mathematics** ..... 11-14 hours
  - A. **Science:** a two-course sequence or any two courses listed below, unless specified in the course descriptions (8 hours)
    - 1. BIOL 1010, 1020 - General Biology - 4 hours each
    - 2. BIOL 2010, 2020 - Human Anatomy and Physiology - 4 hours each
    - 3. CHEM 1000 - Chemistry for General Education - 4 hours
    - 4. CHEM 1010, 1020 - Chemistry: Society and Environment - 4 hours each
    - 5. CHEM 1110, 1120 - General Chemistry - 5 hours each
    - 6. CHEM 1710 or PHYS 1710 - Introductory Chemistry and Physics - 4 hours each
    - 7. GEOL 1040 - Physical Geology - 4 hours

8. GEOL 1050 - Historical Geology - 4 hours
  9. PHYS 1010 - Understanding the Physical World - 4 hours
  10. PHYS 1020 - Understanding the Physical World - 4 hours
  11. ASTR 1210 - Planetary Astronomy - 4 hours
  12. ASTR 1220 - Stellar Astronomy - 4 hours each
  13. PHYS 2010, 2020 - College Physics - 5 hours each
  14. PHYS 2110, 2120 - University Physics - 5 hours each
- B. Mathematics: Select and complete one option to satisfy requirement (3 - 6 hours)**
1. MATH 1610, 1620 - Fundamental Concepts of Mathematics - 3 hours each
  2. MATH 1110 - College Algebra - 3 hours, and one of the following:
    - a. MATH 1120 - College Algebra - 3 hours
    - b. MATH 1530 - Elements of Statistics - 3 hours
    - c. MATH 1810 - Elements of Calculus - 3 hours
    - d. PHIL 2900 - Critical Reasoning and Logic - 3 hours
    - e. PHIL 4000 - Symbolic Logic - 3 hours
  3. MATH 1720 - Trigonometry - 3 hours
  4. MATH 1810, 1820 - Elements of Calculus - 3 hours each
  5. MATH 1910 - Calculus and Analytic Geometry - 5 hours
  6. MATH 1410, 1420 - Structure of Mathematics Systems - 3 hours each
  7. MATH 3000 - Discrete Mathematics - 3 hours
- VI. Social Science ..... 6 hours**  
 These hours must be selected from two different sections below:
- A. School of Business - 3 hours each**
1. ECON 2000 - Contemporary Economics.
  2. ECON 2010 - Principles of Economics
  3. FIN 1000 - Personal Finance
- B. School of Agriculture and Geosciences - 3 hours each**
1. GEOG 1010 - Physical Geography
  2. GEOG 1020 - Geography of the Developed World
  3. GEOG 1030 - Geography of the Developing World
- C. History and Philosophy Department - 3 hours each**
1. HIST 1210 - World History I
  2. HIST 1220 - World History II
- D. Political Science Department - 3 hours each**
1. PSCI 2010 - American National Government
  2. PSCI 2040 - Introduction to Public Policy
  3. PSCI 2070 - International Politics
- E. Psychology Department**
1. PSY 1010 - General Psychology - 3 hours
- F. Department of Sociology and Social Work - 3 hours each**
1. SOC 2010 - Introduction to Sociology
  2. SOC 2050 - Social Problems
  3. SOC 3010 - Marriage and the Family
  4. SOC 3500 - Cultural Anthropology

**MAJOR**

See page 126

**ELECTIVES**

See specific academic program of study

**MINOR**

See page 126

**COMPUTER LITERACY**

See page 111



**TEACHER LICENSURE:** Students who desire licensure to teach in the secondary school and in grades K-12 for art, music, and health and human performance are referred to requirements for teacher licensure on page 105.

**ELEMENTARY LICENSURE:** For adding licensure grades K-8 or 5-8 to Tennessee Certificate endorsed grades 7-12, the student should secure the State-approved plan from the Office of Teacher Licensure, Claxton Building 106.

**HONORS COURSES:** The 15 semester hours of credit earned in HON 1010, 2010, 2020, 2030, 2040, or 3000 may be used to satisfy 15 hours of the Liberal Arts core requirements: three hours in Communications, nine hours in Humanities, and three hours in Social Sciences other than American History. For students who begin the 15 semester hour undergraduate program but do not complete it, decisions about core substitutions will be made by the Dean of the College of Arts and Letters in consultation with the Coordinator of the Honors Program.

**REQUIREMENTS FOR THE BACHELOR OF FINE ARTS DEGREE (B.F.A.)**

This curriculum is designed to prepare the student for a professional career in the field of art. The candidate for this degree must satisfy the Liberal Arts core requirements for either the Bachelor of Arts degree or the Bachelor of Science degree. No minor is required in the Bachelor of Fine Arts degree program.

**REQUIREMENTS FOR BACHELOR OF SCIENCE IN NURSING DEGREE (B.S.N.)**

This curriculum is planned for students preparing to become professional nurses. For information, see School of Nursing section of this BULLETIN and the Liberal Arts core requirements for the Bachelor of Science degree.

**ACADEMIC REGULATIONS**

**APPLYING TO ASSOCIATE DEGREE REQUIREMENTS**

1. The candidate for a degree must satisfy the computer literacy requirement as required by the Tennessee Board of Regents described on pages 111.
2. **Correspondence-Extension:** The total credits earned by non-traditional college classroom methods (including correspondence credits, extension credits and credits by CLEP, proficiency examinations, and advanced placement tests) indicated on the Coursework Approval form may be applied toward completion of the degree requirements and may not exceed one-half the total number of credits required for the degree sought. Except by special permission of the Registrar no course regularly required or offered in the schedule may be taken by correspondence for the purpose of satisfying requirements for graduation. In no case may English Composition be taken by correspondence while the student is in residence.
3. **BULLETIN Requirements:** Candidates may choose to graduate following the degree requirements of the BULLETIN current during the initial term of enrollment or any subsequent BULLETIN. A student may not elect to graduate under a BULLETIN more than six years old.
4. **Records Complete:** All grades of "Incomplete" must be removed, all transfer of credits made, and all correspondence and extension courses finished by the end of the

term in which the candidate expects to receive the degree. See grade appeal on page 48.

5. **Application for Degree and Commencement:** Formal application for the degree must be filed in the Office of the Registrar not later than the deadline as published in the University Calendar. Applications for the degree will not be accepted from students who do not have a minimum cumulative 2.00 GPA. Students currently enrolled in courses that are completed prior to graduation exercises or enrolled during the Fort Campbell Spring II Term may participate in the May Commencement.
6. **Earning a Second Concentration/Specialization Under Same Degree Earned at APSU:** Students may earn a second concentration or specialization under the same degree by completing all requirements for the second concentration or specialization as listed in the BULLETIN that is current at the time of admission to the program. A memorandum from the Fort Campbell program manager must be sent to Registrar stating that all requirements for that concentration/specialization have been met.
7. **Earning a Second Associate's Degree Concurrently:** Students may earn two associate degrees concurrently by completing all requirements for both degrees and 15 hours over the hours required for the primary degree. Establishing residency is not a requirement for earning the second degree.
8. **Earning a Second Associate's Degree:** A second associate's degree may be conferred if the following requirements are met: the student must earn (additionally) 18 hours. Twelve of the 18 hours must be in residence.

## ACADEMIC REGULATIONS

### APPLYING TO BACHELOR DEGREE REQUIREMENTS

1. **Sequence of Liberal Arts Core Requirements for the Degree:** Unless the design of a particular curriculum prevents it, the courses in the Liberal Arts core requirements for the degree should be completed by the end of the sophomore year. All beginning freshmen must, if possible, register for English Composition (ENGL 1010 and 1020) each semester until both courses are completed with a passing grade. Required physical education or ROTC should be completed during the first two years. Two 3-hour ROTC courses may be substituted for the two required physical education activity courses. Each credit earned in Marching Band during the Fall semester may be substituted for one of the required physical education activities courses. American History I and II (History 2010, 2020) as required in the Liberal Arts core of the University, and fulfills the requirements of Public Chapter 767 of Tennessee Public Acts of 1974 which prohibit the awarding of the baccalaureate degree to students who have not earned six semester hours of credit in American History.
2. **Major:** The following types of majors are offered by the various departments of the University: (1) A major of not less than 24 semester hours credit, (2) A distributive major of not less than 48 semester hours credit distributed over several related fields or content areas with depth in one field or content area. No minor is required. (3) Teaching major-students completing a teaching major must complete required education courses to be licensed to teach. Candidates for the bachelor's degree with licensure must elect and complete a teaching major. For licensure programs, these students must complete all degree requirements, to include a Liberal Arts core, a teaching major, the Interdisciplinary Studies or Secondary Education minor, and any mandated licensure requirements that may not be in the BULLETIN under which the student entered. Students who transfer credit may satisfy the departmental requirements based on their transfer credit evaluation.

3. **Minor:** An approved minor, consisting of at least 18 semester credit hours, is required unless the student has elected and completed a distributive or a double major. The minor shall include at least six semester hours of credit in courses numbered from 3000 to 4999. Check descriptions of department majors to learn whether a minor is or is not required with a particular major.
4. **Computer Literacy:** The candidate for a degree must satisfy the computer literacy requirement as required by the Tennessee Board of Regents described on page 111.
5. **Correspondence-Extension:** The total credits earned by non-traditional college classroom methods (including correspondence credits, extension credits, and credits by CLEP, proficiency examinations, and advanced placement tests) indicated on the Coursework Approval form may be applied toward completion of the degree requirements and may not exceed 64 semester hours. Except by special permission of the Registrar, no course regularly required or offered in the schedule may be taken by correspondence for the purpose of satisfying requirements for graduation. In no case may English Composition be taken by correspondence while the student is in residence.
6. **BULLETIN Requirements:** Candidates may choose to graduate following the degree requirements of the BULLETIN current during the initial term of enrollment or any subsequent BULLETIN. A student may not elect to graduate under a BULLETIN more than six years old. This policy also applies to a transfer from a Tennessee community college, except the time will begin with enrollment at the community college rather than admission to APSU.
7. **Application for Degree and Commencement:** Formal written 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 not be accepted from students who do not have a minimum cumulative 2.00 GPA. All applicants for the degree must notify the Office of the Registrar in writing as to whether the applicant will or will not participate in Commencement.  
**Campus Students:** Candidates currently enrolled in courses that are completed prior to graduation exercises or have only one course to complete in the Summer term can participate in May Commencement.  
**Fort Campbell Students:** Candidates currently enrolled at Fort Campbell during the Spring II term in courses (s) completing the last course(s) for Bachelor degree requirements may participate in May Commencement.
8. **On Course Tracking:** A preliminary review of coursework at APSU and any evaluated transfer work in preparation for graduation is available to all students via APWEB for Students, [www.apsu.edu/records](http://www.apsu.edu/records).
9. **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. See grade appeal on page 48.
10. **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.

11. **Earning Two Majors Under Different Degrees Simultaneously:** Students who pursue double majors under different degree programs must comply with one of the following:
  - a. If one major is distributive, the second major must have a minor. If both majors are distributive, a minor is not required. Two degrees will be awarded.
  - b. Before graduation, the student must complete a minimum of 158 hours of which 69 must be earned in courses numbered 3000 - 4999. Two degrees will be awarded.
  - c. The student may elect to change one major to a minor. One degree will be awarded.
12. **Students who hold a bachelor's degree from APSU or any other accredited college or university may subsequently earn a second bachelor's degree from APSU if the following requirements are met:** (1) earn additionally 30 hours credit in residence, of which 24 must be earned in courses numbered 3000-4999; (2) 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 of this BULLETIN's Liberal Arts core; (3) fulfill the computer literacy requirement, see page 111 (4) 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); and, (5) have at least a "C" (2.00) GPA on all course-work attempted in meeting the requirements for the second degree. All transcripts must be received from previous institutions. Second degree must be indicated on the Application for Admission Form or a Change of Major/Minor Form completed with the academic advisor's signature and forwarded to the Office of the Registrar. Only coursework that applies to the second degree will be reviewed. Specific majors with additional admission requirements may review the entire transcript pertinent to the first degree. An On Course Tracking audit will be completed and mailed to the student. Upon receipt of the On Course Tracking audit, the student will need to make an appointment with his/her major/minor academic advisor(s). If a substitution for a particular course(s) is appropriate, a Major/Minor Substitution Form must be completed with the appropriate signatures and forwarded to the Office of the Registrar.

### PREPROFESSIONAL PROGRAMS

The University offers two-, three-, and four-year preprofessional programs in the fields of study listed here-in. 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.

None of the one-, and two-year programs 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.

<u>Program</u>	<u>Department</u>	<u>Advisor</u>	<u>Years</u>
Agricultural Education .....	Agriculture .....	Dr. J. Goode .....	3
Dentistry .....	Chemistry .....	Dr. J. Foote .....	3 or 4
Dental Hygiene .....	Chemistry .....	Dr. J. Foote .....	2

<u>Program</u>	<u>Department</u>	<u>Advisor</u>	<u>Years</u>
Engineering .....	Physics & Astronomy .....	Dr. J. Taylor .....	3
Food Technology .....	Agriculture .....	Dr. G. Hunt .....	2
Forestry .....	Agriculture .....	Dr. J. Matthews .....	2
Law .....		Dr. R. Shain .....	4
		Dr. Kanervo	
Medicine .....	Chemistry .....	Dr. R. Robertson.....	4
Optometry .....	Physics & Astronomy .....	Dr. P. Xiong-Skiba .....	4
Pharmacy .....	Chemistry .....	Dr. J. Foote .....	2 or 3
Physical Therapy .....	Biology .....	Dr. C. Taylor .....	2 or 3
Radiologic Technology .....	Biology .....	Dr. K. Belcher .....	2 or 3
Veterinary Medicine .....	Agriculture .....	Dr. G. Hunt .....	3 or 4

Specific curricular requirements for programs granting degrees in absentia are outlined in the departmental listing of this BULLETIN.

### 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 course-work in the professional school, provided:

1. The candidate completes the last two semesters as a full-time student in residency at APSU;
2. The candidate earns before transfer to the professional school sufficient credit to total 128 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 Liberal Arts core requirements for a degree, in addition to (b) an approved major of not less than 18 semester hours and an approved minor 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 32 semester hours credit in residence;
6. The candidate has an overall GPA of “C” (2.00) on all courses attempted and submitted for meeting the requirements of 128 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;
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.

**ACADEMIC ORGANIZATION OF THE UNIVERSITY****SPECIAL PROGRAMS OF THE UNIVERSITY**

African American Studies  
 Center of Excellence for the Creative Arts  
 Center of Excellence for Field Biology  
 Distinguished Lecture Series  
 Extended and Distance Education  
   Developmental Studies  
   Distance Education  
   Interactive Television Courses  
   Online Courses  
   Video Courses  
 Extended Education  
   Austin Peay After Hours  
   Dual Enrollment  
   Off-campus Instruction  
   Noncredit and Customized Training  
   Regents Online Degree Program(RODP)  
   Tennessee Small Business Development Center  
 TRIO Programs  
   High School Upward Bound  
   Student Support Services  
   Tri-County Upward Bound  
   Veterans Upward Bound  
 Grants and Sponsored Programs  
 Honors Programs  
 International Studies  
 President's Emerging Leaders Programs  
 Presidential Research Scholars Programs  
 Servicemembers Opportunity Colleges (SOC)  
 Study Abroad and Exchange Programs  
 Africa: Egypt, Gambia, Nigeria, South Africa, West Africa  
 Asia: China, Japan, Taiwan  
 Cooperative Center for Study Abroad: England, Scotland, Ireland, Australia, New Zealand, Kenya, Jamaica, Barbados, Belize, Hong Kong, Singapore  
 Europe: Germany, France, Greece, Spain, Sweden  
 North America: Mexico; Quebec, Canada  
 Wilbur N. Daniel African American Cultural Center  
 Women's Studies

**COLLEGES AND SCHOOLS****THE COLLEGE OF ARTS AND LETTERS****Departments**

Art  
 Communication and Theatre  
 History and Philosophy  
 Languages and Literature  
 Music

**Areas of Instruction**

English  
 French  
 German  
 Greek  
 Honors  
 International Studies  
 Japanese  
 Latin  
 Linguistics  
 Spanish  
 Women's Studies

**THE COLLEGE OF PROFESSIONAL PROGRAMS AND SOCIAL SCIENCES****Department**

Health and Human Performance  
 Military Science  
 Political Science  
 Psychology  
 School of Business  
 School of Education  
 School of Nursing  
 Social Work and Sociology

**Areas of Instruction**

Accounting, Economics, Finance, Management, Marketing  
 Business Law  
 Decision Sciences  
 Early Childhood  
 Elementary & Secondary Physical Education  
 Elementary Education  
 Special Education  
 Foundations

Health Care Management  
Literacy Science  
Management Information Systems  
Middle School & Secondary Health  
Education  
Quantitative Methods  
Secondary Education  
Wellness Promotion

## **THE COLLEGE OF SCIENCE AND MATHEMATICS**

### **Departments**

Biology  
Chemistry  
Center of Excellence for Field Biology  
Computer Science and Information  
Technology  
Mathematics  
Physics & Astronomy  
School of Agriculture and Geosciences

### **Areas of Instruction**

Mathematics  
Preprofessional Programs  
Agricultural Education (Vo-Ag)  
Allied Health  
Dental Hygiene  
Dentistry  
Engineering  
Food Technology  
Forestry  
Medical Technology  
Medicine  
Optometry  
Pharmacy  
Physical Therapy  
Radiologic Technology  
Veterinary Medicine

## **THE SCHOOL OF TECHNOLOGY AND PUBLIC MANAGEMENT**

### **Departments**

Engineering Technology\*  
Professional Studies  
Public Management  
Areas of Instruction  
Automotive Technology  
Computer Science Technology  
Construction Technology  
Corrections Management  
Culinary Arts  
Data Processing  
Electronics Technology  
Food Service Technology  
Liberal Arts  
Management Technology  
Police Science and Administration  
Secretarial Procedures  
Welding Technology

## LISTING OF MAJORS

Agriculture .....	School of Agriculture and Geosciences
Art .....	Department of Art
Biology .....	Department of Biology
Business .....	School of Business
Chemistry .....	Department of Chemistry
Communication Arts .....	Department of Communication and Theatre
Computer Science and Information Systems .....	Department of Computer Science and Information Technology
Data Processing* .....	School of Technology and Public Management
Engineering Technology .....	Department of Engineering Technology
English .....	Department of Languages and Literature
Foreign Languages .....	Department of Languages and Literature
Geosciences .....	School of Agriculture and Geosciences
Health .....	Department of Health and Human Performance
Health and Human Performance .....	Department of Health and Human Performance
History .....	Department of History and Philosophy
Information Technology .....	Department of Computer Science and Information Technology
Interdisciplinary Studies .....	School of Education
Liberal Arts .....	Fort Campbell
Management Technology* .....	School of Technology and Public Management
Mathematics .....	Department of Mathematics
Medical Technology .....	Department of Biology
Music .....	Department of Music
Nursing .....	School of Nursing
Occupational Studies* .....	School of Technology and Public Management
Philosophy .....	Department of History and Philosophy
Physics .....	Department of Physics and Astronomy
Political Science .....	Department of Political Science
Professional Studies .....	School of Technology and Public Management
Psychology .....	Department of Psychology
Public Management** .....	Department of Public Management
Radiologic Technology .....	Department of Biology
Social Work .....	Department of Social Work and Sociology
Sociology .....	Department of Social Work and Sociology
Spanish .....	Department of Languages and Literature
Special Education .....	School of Education

\* Fort Campbell

\*\* Main Campus and Fort Campbell

## LISTING OF MINORS

Accounting .....	Department of Accounting
African American Studies .....	Department of History and Philosophy
Agriculture .....	School of Agriculture and Geosciences
Art .....	Department of Art
Art History .....	Department of Art
Biology .....	Department of Biology
Chemistry .....	Department of Chemistry
Classical Civilization .....	Department of Languages and Literature

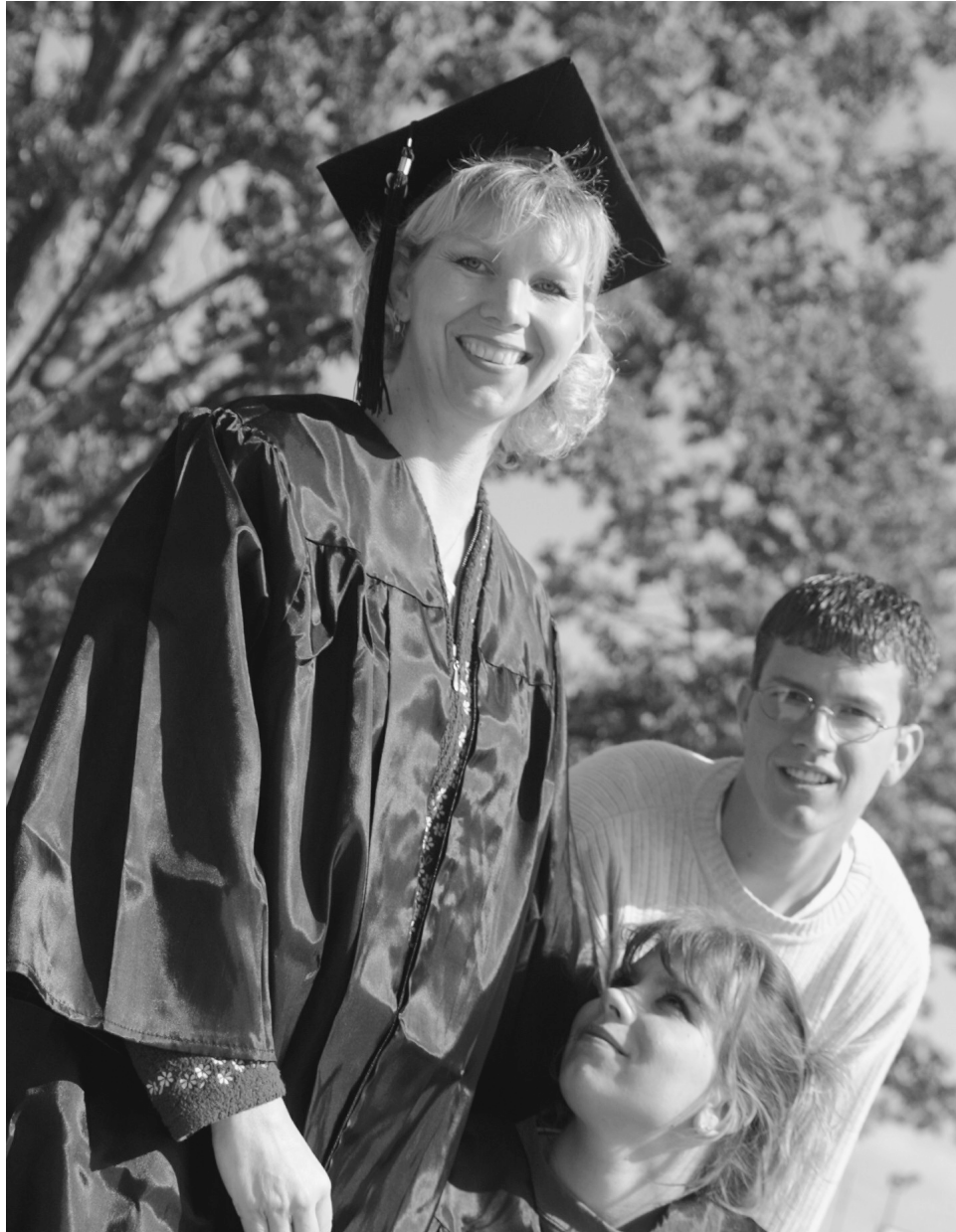


Classical Languages .....	Department of Languages and Literature
Communication Arts .....	Department of Communication and Theatre
Computer Science .....	Department of Computer Science and Information Technology
Creative Writing .....	Department of Languages and Literature
Economics .....	School of Business
Engineering Technology .....	Department of Engineering Technology
English .....	Department of Languages and Literature
English Writing .....	Department of Languages and Literature
Ethical Studies .....	Department of History and Philosophy
Finance .....	School of Business
French .....	Department of Languages and Literature
General Business .....	School of Business
Geography .....	School of Agriculture and Geosciences
Geology .....	School of Agriculture and Geosciences
German .....	Department of Languages and Literature
Greek .....	Department of Languages and Literature
Health .....	Department of Health and Human Performance
History .....	Department of History and Philosophy
International Studies .....	College of Arts and Letters
Journalism .....	Department of Communication and Theatre
Latin .....	Department of Languages and Literature
Latin American Studies .....	Departments of Languages and Literature, History And Philosophy, and Political Science
Leadership Studies .....	Academic Affairs
Management .....	School of Business
Marketing .....	School of Business
Mathematics .....	Department of Mathematics
Military Science .....	Department of Military Science
Music .....	Department of Music
Philosophical Studies .....	Department of History and Philosophy
Photography .....	Department of Art
Physical Education .....	Department of Health and Human Performance
Physics .....	Department of Physics and Astronomy
Political Science .....	Department of Political Science
Professional Education .....	School of Education
Professional Writing .....	Department of Languages and Literature
Psychology .....	Department of Psychology
Religious Studies .....	Department of History and Philosophy
Sociology .....	Department of Social Work and Sociology
Spanish .....	Department of Languages and Literature
Women's Studies .....	College of Arts and Letters

Listing of Minors

# ACADEMIC PROGRAMS

## With Course Descriptions



## DEGREES & ACADEMIC PROGRAMS

All programs of study, with exception of associate degree programs, Engineering Technology and Public Management through the Austin Peay Center @ Fort Campbell, are offered exclusively on the Main Campus. The Bachelor of Science degrees in Engineering Technology and Public Management are offered on both Main Campus and Fort Campbell.

Degree designations are as follows:

A.S.	Associate of Science
A.A.S.	Associate of Applied Science
B.A.	Bachelor of Arts
B.B.A.	Bachelor of Business Administration
B.F.A.	Bachelor of Fine Arts
B.S.	Bachelor of Science
B.S.N.	Bachelor of Science in Nursing
B.P.S.	Bachelor of Professional Studies

For Associate Degree Programs of Study, see page 381.

## ACADEMIC ABBREVIATIONS

Courses may indicate specific semester, term or year of intended offering. Respective abbreviations following the numerical credits are as follows: F- Fall; S- Spring; Su- Summer

		<b>Page</b>
AAST	African American Studies .....	131
ACCT	Accounting .....	158
AGRI	Agriculture .....	134
ART	Art .....	141
ASTR	Astronomy .....	328
AT*	Automotive Technology .....	408
BIOL	Biology .....	148
BLAW	Business Law .....	163
CA*	Culinary Arts .....	404
CHEM	Chemistry .....	178
COMM	Communication .....	189
COR*	Corrections Management .....	398
CSCI	Computer Science .....	204
CT*	Construction Technology .....	411
CTIM*	Computer Science Technology & Secretarial Procedures .....	387
DSCI	Decision Sciences .....	164
DSP	Developmental Studies (EDUC, ENG, MATH, PSY) .....	211
EC	Early Childhood .....	219
ECON	Economics .....	165
EDUC	Education .....	220
ENGL	English .....	235
ENGT	Engineering Technology .....	226
ET*	Electronics Technology .....	418
FIN	Finance .....	170
FREN	French .....	245
FS*	Food Service Technology .....	403
GB	General Business .....	166
GEOG	Geography .....	253

Academic Programs With Course Descriptions

GEOL	Geology .....	256
GERM	German .....	246
GREK	Greek .....	247
HHP	Health and Human Performance.....	262
HIST	History .....	271
HON	Honors Program.....	277
INTS	International Studies .....	280
LATN	Latin .....	248
LDSP	Leadership.....	348
LEN*	Police Science and Administration.....	396
LING	Linguistics.....	248
MAED	Mathematics Education .....	284
MATH	Mathematics.....	284
MGT	Management .....	172
MIS	Management Information Systems.....	167
MKT	Marketing .....	173
MSL	Military Science Leadership (ROTC) .....	295
MT*	Management Technology .....	391
MUS	Music, Applied Music, and Individual Music Instruction.....	305
NURS	Nursing .....	316
PHED	Physical Education .....	268
PHIL	Philosophy.....	320
PHYS	Physics.....	328
PM	Public Management.....	361
PSCI	Political Science.....	334
PSY	Psychology.....	354
PTMA	Professional Studies .....	351
QM	Quantitative Methods.....	174
RDG	Reading .....	221
SCI	Science.....	222
SOC	Sociology.....	374
SPAN	Spanish.....	249
SPED	Special Education.....	222
SW	Social Work.....	369
THEA	Theatre .....	196
WS	Women's Studies.....	378
WT*	Welding Technology.....	412

\* For courses offered only at APSU Center at Fort Campbell (see Fort Campbell section, page 380).

## ACCOUNTING CONCENTRATION

See Business, page 156.

## AFRICAN AMERICAN STUDIES MINOR (18 Hours)

*Department of History & Philosophy*

*College of Arts and Letter*

*Director: Dr. Nancy J. Dawson*

*Location: Clement 318*

*Phone: 931-221-7106*

*Website: [www.apsu.edu/enrichmentprograms/AfrAmStudies.htm](http://www.apsu.edu/enrichmentprograms/AfrAmStudies.htm)*

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

### Required Courses:

At the time of this publication, revisions are being made to requirements for the African American Studies minor. These changes should be in effect as of Fall 2003. Students should consult the director for additional information.

### Course Offerings:

AAST 2000, 2100, 2220, 2250, 3000, 3020, 4000 4100

### Courses Outside of AAST:

ENGL 340G, ENGL 340H, GEOG 3750, HIST 3440, HIST 3450, HIST 4650,  
HIST 4660, PM 390A, PSCI 3160, PSCI 4020, SOC 3020, SOC 3050

## COURSE DESCRIPTIONS

### 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, co-workers and peers to create better race relations in their immediate environments and nation as a whole.

### AAST 2100 African American Writing Workshop (3)

Gives students the opportunity to explore and develop their writing skills, while learning various writing techniques under the supervision of professors and/or established African American writers. African, Caribbean and African American subjects and themes will be used to facilitate the writing process.

### 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 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 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.

**AGRICULTURE (B.S.)**

*School of Agriculture & Geosciences*

*College of Science and Mathematics*

*Goode (Chair), Hunt, J. Matthews*

*Location: Sundquist Science Complex, D232*

*Phone: 931-221-7272*

*Website: [www.apsu.edu/agriculture/](http://www.apsu.edu/agriculture/)*

Students majoring in agriculture will select one of three concentrations: Agri-Business, Agri-Science, or Agri-Communications. In each case, a strong broad-based understanding of American agriculture will be developed. Agri-Business is designed to prepare students for jobs in agricultural businesses and includes additional courses in marketing, management, economics, and accounting. 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. Agri-Communications is designed to prepare students for jobs in agricultural journalism or communication and includes additional courses in journalism, broadcasting, and photography.

**MAJOR:**

1000, 1310, 1410, 2210, 3500, 4010, 4020, 4430, 4500, plus 16 - 18 hours selected in consultation with advisor. No more than ten hours combined credit can be used from 3610, 3620, 4610, 4620, 4910, 4920, and 4930. Related required courses include: BIOL 1010; CHEM 1010 or 1110; ECON 2010; MIS 1200; and COMM 1010. Additional hours in each concentration are required and must be selected in consultation with advisor. No minor is required.

**MINOR:**

Eighteen hours of agriculture of which at least nine hours must be 3000-4999 level courses.

**SUGGESTED PROGRAMS OF STUDY**

**AGRI-BUSINESS CONCENTRATION**

<b>Freshman Year</b>	<b>Cr.</b>	<b>Sophomore Year</b>	<b>Cr.</b>
AGRI 1000, 1310, 1410	8	ACCT 2010	3
BIOL 1010	4	AGRI 2210, 2500, 3500	10
ENGL 1010, 1020	6	GEOL 1040	4
GEOG 1010	3	History core	6
HHP1210	3	Humanities core	6
MIS 1200	3	COMM 1010	3
PHED/ROTC/Band	2		
<b>Total Hours</b>	<b>29</b>	<b>Total Hours</b>	<b>32</b>

<b>Junior Year</b>	<b>Cr.</b>	<b>Senior Year</b>	<b>Cr.</b>
AGRI 4010, 4020	2	AGRI 4430, 4500	7
Agriculture electives	13	BLAW 3300	3
CHEM 1010	4	Business elective	3
ECON 2010	3	Electives	14
Humanities core	6	MKT 3010	3
Mathematics core	6	AOM 2300	3
<b>Total Hours</b>	<b>34</b>	<b>Total Hours</b>	<b>33</b>

**AGRI-COMMUNICATIONS CONCENTRATION**

<b>Freshman Year</b>	<b>Cr.</b>	<b>Sophomore Year</b>	<b>Cr.</b>
AGRI 1000, 1310, 1410	8	AGRI 2210, 3500	7
BIOL 1010	4	ART 2090	3
ENGL 1010, 1020	6	COMM 1400, 2000	6
GEOG 1010	3	History core	6
HHP 1210	3	Humanities core	6
MIS 1200	3	COMM 1010	3
PHED/ROTC/Band	2		
<b>Total Hours</b>	<b>29</b>	<b>Total Hours</b>	<b>31</b>

Academic Programs With Course Descriptions

Junior Year	Cr.	Senior Year	Cr.
Agriculture electives	16	AGRI 4010, 4020, 4430, 4500	9
CHEM 1010	4	Broadcasting elective	3
COMM 3200, 4150	6	ECON 2010	3
Humanities core	6	Electives	15
Mathematics core	6		
<b>Total Hours</b>	<b>38</b>	<b>Total Hours</b>	<b>30</b>

### AGRI-SCIENCE CONCENTRATION

Freshman Year	Cr.	Sophomore Year	Cr.
AGRI 1000, 1310, 1410	8	AGRI 2210, 3310, 3500	11
BIOL 1010	4	GEOL 1040	4
ENGL 1010, 1020	6	History core	6
GEOG 1010	3	Humanities core	6
HHP 1210	3	Mathematics core	6
MIS 1200	3		
PHED/ROTC/Band	2		
<b>Total Hours</b>	<b>29</b>	<b>Total Hours</b>	<b>33</b>

Junior Year	Cr.	Senior Year	Cr.
AGRI 3220, 4010, 4020	5	AGRI 4430, 4500	7
Agriculture electives	11	CHEM 3500	4
CHEM 1010, 1020	8	COMM 1010	3
ECON 2010	3	Electives	19
Humanities core	6		
<b>Total Hours</b>	<b>38</b>	<b>Total Hours</b>	<b>33</b>

### COURSE DESCRIPTIONS

#### AGRI 1000 Survey of Agriculture (1) F

Agricultural institutions and career opportunities and agriculture's ability to meet the food and fiber needs of society.

#### AGRI 1310 Animal Science (3) F

Importance and role of nutrition, physiology, breeding, selection and management in animal production. Emphasis is placed on domestic farm animals.

#### AGRI 1410 Plant Science - Three hours lecture, two hours laboratory (4) F

Fundamentals of science and economic importance of plants and their relationship to agriculture and society.

#### AGRI 2210 Soils - Three hours lecture, two hours laboratory (4) S

*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 2320 Food Science and Technology (3)**

*Prerequisites: AGRI 1310, BIOL 1010, or permission of instructor*

The food industry and its role in assuring that wholesome and healthy food is provided for the society. Emphasis on sanitation, handling, processing, preserving, and regulatory agencies.

**AGRI 2410 Fruit and Vegetable Production -**

**Two hours lecture, two hours laboratory (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 agribusiness, organization forms including cooperatives, agricultural marketing and financial systems, diffusion of agricultural technology.

**AGRI 3000 Conservation (3) F**

*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 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 Soil and Water Conservation -**

**Two hours lecture, two hours laboratory (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 3230 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 3310 Animal Nutrition and Feeding -  
Three hours lecture, two hours laboratory (4) F**

*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) F**

*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 3400 Ornamental Gardening (3)**

*Prerequisite: Sophomore standing*

Design, planting, culture, and maintenance of herbaceous ornamental plants including annuals, biennials, perennials, bulbs, herbs, and wildflowers.

**AGRI 3410 Landscaping - Two hours lecture, two hours laboratory (3)**

*Prerequisite: Sophomore standing*

Identification, culture, design, uses and maintenance of perennials, turf grasses and woody plant material for home residences.

**AGRI 3420 Field and Forage Crops (3)**

*Prerequisite: AGRI 1410 or permission of instructor*

Distribution, structure and growth, improvement, culture, harvesting, and utilization of oil, grain, and forage crops.

**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) S**

*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. Pass/Fail only.

**AGRI 4010, 4020 Agriculture Seminar (1 each)**

*Prerequisite:* Junior standing

Preparation and presentation of reports on specially assigned current topics in agriculture.

**AGRI 4210 Soil Genesis, Taxonomy, Mapping -**

**Two hours lecture, four hours laboratory (4)**

*Prerequisite:* AGRI 2210 or GEOL 3100

Soil formation, morphology, profile description, classification, and mapping.

**AGRI 4310 Reproduction in Farm Animals -**

**Two hours lecture, two hours laboratory (3) S**

*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 (2)**

*Prerequisite:* Sophomore standing

Origin, classification, uses, and cultural practices with primary emphasis on burley and dark types.

**AGRI 4420 Forestry - Two hours lecture, two hours laboratory (3) F**

*Prerequisite:* Sophomore standing

Introduction to forestry, reforestation, mensuration, harvesting, utilization, and wildlife conservation.

**AGRI 4430 Genetics of Crops and Livestock (3) S**

*Prerequisites:* AGRI 1310, AGRI 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 laboratory (4) F***Prerequisite: 12 hours credit in agriculture or permission of instructor*

Organizing and operating the farm business with emphasis on allocation of land, labor, 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. Pass/Fail only.

**AGRI 4910, 4920, 4930 Special Problems (1 - 3 hours)***Prerequisite: Permission of instructor*

May be repeated for credit.

**ALLIED HEALTH***College of Science & Mathematics*

As an additional option to the pre-professional curricula offered in dentistry, pharmacy, medicine, and veterinary medicine, APSU offers pre-professional programs of study in dental hygiene, optometry and physical therapy. Other pre professional programs are provided by special faculty advisement (see page 122). Professional programs in the Allied Health specialties of Medical Technology and Radiologic Technology are offered as well by the Department of Biology.

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.



**ART (B.A. OR B.F.A.)***College of Arts and Letters**D. Webb (Chair), K. Black, Bryant, Childs, Diehr, Filani, Holte, Lee, Marsh, Renkl, Schlanger,**Location: Trahern, 208**Phone: 931-221-7333**Website: www.apsu.edu/art/***BACHELOR OF ARTS (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 thorough training in the Fine Arts. The student completes the requirements for the B.A. in Studio Art in the Department of Art, and also expands his Liberal Arts education by completing a minor in another department.

**ART MAJOR,****STUDIO ART CONCENTRATION FOR B.A. (46 Hours)**

Art Foundation courses are 1010, 1020, 1040, 1050, and 1070. Art History requirements are 2010, 2020 and six hours from 3200, 3220, 3230, 3240, 324x, or 3270. Six courses of studio studies to be selected from the areas of Drawing, Painting, Photography, Printmaking, Pottery/Ceramics, or Sculpture (4010, 4090, 410x, or 4310 may each be used as one of these courses).

**ART MAJOR,****VISUAL COMMUNICATIONS CONCENTRATION FOR BA (48 Hours)**

Required Art Foundation courses are 1010, 1020, 1040, 1050, and 1070. Art History requirements are 2010, 2020, 3240 or 3270 and three hours from 3200, 3220, 3230, or 324x. Students must take ART 2090, ART 2320 plus five upper division courses from the areas of graphic design, illustration, photography, printmaking, or electronic imaging (4090, 410x, or 4310 may be used as one of these courses).

**ART TEACHING MAJOR****FOR B.A. WITH LICENSURE K - 12 (36 Hours)**

Licensure to teach Art K-12 requires the completion of the following: 1) Liberal Arts core for the B.A.; 2) 1010, 1020, 1030, 1040, 2010, 2020, 3140, 3150, 3160, plus six hours of studio art electives and three hours of art history electives (although it is strongly advised that a student take more than two studio courses to develop expertise in at least one of the visual arts); and, 3) Professional Education minor. Student Teaching is required for licensure. Art education students must have an advisor in the Department of Art and another in the School of Education.

**BACHELOR OF FINE ARTS (B.F.A.)**

The Art major concentrations for the Bachelor of Fine Arts are intended to provide students with opportunities for an education that is directed toward art as a profession. Students will demonstrate proficiency in at least one studio concentration through completion of the degree. The Art major B.F.A. concentrations exceed the requirements of a traditional four-year degree program; nine semesters may be required to complete the requirements for the degree. Degree requirements include the Liberal Arts core requirements for either B.A. or B.S. and all art courses for the desired B.F.A. concentration. A mid-career portfolio review is required of B.F.A. candidates as a prerequisite to Art 4150 and 4160. No minor is required for this degree.

Admission to the B.F.A. program is by application (generally at the end of their sophomore year), providing the student has met the following requirements:

#### Application and Admission Requirements

1. Completion of: ART 1010, 1020, 1040, 1050; 2010 or 2020; and two introductory studio courses from different areas;
2. A minimum 3.0 GPA in Art courses.

#### ART MAJOR,

##### STUDIO ART CONCENTRATION FOR B.F.A. (79 Hours)

Required Art Foundation courses are 1010, 1020, 1040, 1050, and 1070. Art History 2010 and 2020 are required, plus two additional courses from 3200, 3220, 3230, 3240, 324x or 3270. Four introductory studio courses must be selected from the following areas (each course must be selected from a different area); Photography (2090), Sculpture (2070), Printmaking (2030, 3430, 3530), Painting (2040), Ceramics (2050 or 3450); Eleven upper division studio courses: must be selected from the areas of Painting, Drawing, Photography, Printmaking,

Pottery/Ceramics, Sculpture, Graphic Design, (4090, 410x, 4310 may each be used to satisfy this requirement). 4150 and 4160 are also required. Minimum of three hours upper-division non-art electives is also required.

#### ART MAJOR,

##### VISUAL COMMUNICATIONS CONCENTRATION FOR B.F.A. (79 Hours)

Required Art Foundation courses are 1010, 1020, 1040, 1050, and 1070. Art History courses are: 2010, 2020, and 3270 and one course from 3200, 3220, 3230, 3240, 324x. Students must select one course from two of the following five introductory studio courses: ceramics (2050 or 3450), drawing (3340), painting (2060), printmaking (2030, 3430, or 3530), or sculpture (2070). Students must choose a concentration (A or B) below:

- Students electing to pursue a focus in graphic design* must also take the following: 2090, 2320, 2520, 3080, 3110, 3590, 4120, 4125, 4150 and 4160. Five upper division Graphic Design studio options not already taken must be taken from: 3060, 3430, 4080, 4090, 410x, 4190 or 4310.
- Students electing to pursue a focus in illustration* must also take the following: 2090, 2320, 3080, 4080, 4085, 4150, 4160. Eight upper division illustration studio options must be selected from the areas of: graphic design, drawing, painting, photography, printmaking, sculpture and/or ceramics: 4010, 4090, 410x, and 4310 may each be used to satisfy this requirement.

### SUGGESTED PROGRAM OF STUDY

Degree programs in the Department of Art are accredited by the National Association of Schools of Art and Design, (NASAD). The following is a suggested schedule for a B.F.A. with a Studio Art Concentration following the Bachelor of Science Liberal Arts core requirements. The Studio Art B.F.A. is projected as nine semesters of full-time Fall and Spring Semester coursework.

Freshman Year	Cr.	Sophomore Year	Cr.
ART 1010, 1020, 1040, 1050	12	ART 2010, 2020	6
ART 1070 (Computer Literacy)	3	ART: Introduction Studio	12
ENGL 1010, 1020	6	Science Core*	8

Mathematics core*	6	ENGL 2030, 20xx*	6
PHED/Band/ROTC*	2		
Health and Human Development core*	3		

	<b>Total Hours 32</b>		<b>Total Hours 32</b>
<b>Junior Year</b>	<b>Cr.</b>	<b>Senior Year</b>	<b>Cr.</b>
ART: upper division studio	12	ART 4150	3
ART: upper division art history	6	ART: upper division studio	15
HIST 2010, 2020	6	Humanities core*	6
Social Science core*	6		

	<b>Total Hours 30</b>		<b>Total Hours 24</b>
<b>Ninth Semester</b>	<b>Cr.</b>		
ART 4160	4		
ART: upper division studio	6		
COMM 1010	3		

**Total Hours 13**

\*Refer to Liberal Arts core requirements

**MINORS IN ART**

**Studio Art Minor (18 Hours):**

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

**Art History Minor (18 Hours):**

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

**Photography Minor (18 Hours):**

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

**Graphic Design Minor (18 Hours):**

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

**COURSE DESCRIPTIONS**

**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.

Academic Programs With Course Descriptions

**ART 1050 Drawing II (3)**

*Prerequisites: ART 1010, ART 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, ART 1040*

Study of relief and intaglio printmaking techniques with experiences in intaglio, metal plate drypoint, relief, and calligraphic techniques.

**ART 2040 Painting I (3)**

*Prerequisites: ART 1010, ART 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, 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, ART 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. Students must have access to camera.

**ART 2320 Graphic Design I (3)**

*Prerequisites: ART 1010, ART 1040*

Graphic design fundamentals and layout techniques, design of comprehensives, commercial craftsmanship, and image making.

**ART 2520 Typography (3)**

*Prerequisites: ART 1010, ART 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, ART 1040, ART 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 18 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.

**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 photo-manipulation. Mac platform programs approached with both fine art and commercial 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, ART 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, ART 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, ART 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)**

*Prerequisites: ART 2010, ART 2020*

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 3430 Printmaking II (3)**

*Prerequisites: ART 1010, ART 1040*

Study and experience in the techniques and art of serigraphy (silk screen printing) including basic stencil, cut film, tusche, cut and torn paper, and photo techniques in printing.

**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, ART 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, ART 1040*

Printmaking forms in both traditional methods and new techniques, including photolithography, collography, and monoprinting.

**ART 3540 Drawing IV, Thematic Development Drawing (3)**

*Prerequisites: ART 2010, ART 2020, ART 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 2040 or 3340*

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 & studio photography are introduced, as well as creative, alternative process.

**ART 3650 Pottery-Ceramics II (3)***Prerequisite: ART 2050*

Advanced work in design and techniques of creating ceramic vessels.

**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 2560*

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 4120*

Advanced study and skill development in the visual elements and media used in layout and design development for comprehensives.

**ART 4150 Studio, Creative Development (3)**

*Prerequisite: 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 & 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 Studio, Creative Development (4)**

*Prerequisites: ART 4150, approval of semester contract by instructor.*

A capstone course for BFA Majors. Students produce a body of work that reflects personal research and independent thinking. Students choose a thesis advisor (faculty mentor) to oversee the work. Each student will create an exhibition of work which is representative of their course of study.

**ART 4190 Photography III (3)**

*Prerequisites: ART 3590*

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 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.

**BIOLOGY (B.S.)**

*College of Science and Mathematics*

*Belcher (Chair), Baskauf, Bath, Burton, Chester, Dailey, Finley, Hamilton, Lebkuecher, Lundin-Schiller, Mayo, R. McCoy, Noel, Robison, Schiller, Scott, C. Taylor, J. Thompson.*

*Location: Sundquist Science Complex, D125*

*Phone: 931-221-7781*

*Website: www.apsu.edu/biol\_page/*

**MAJOR:**

1110, 3050, 3060, 3070, 4080, 4130, 4440, 4110 or 4120 and four hours from 3000-4999 level courses. Required Related Courses: eight hours of General Chemistry (CHEM 1110 and 1120). A minor is required.

**SUGGESTED PROGRAM OF STUDY**

<b>Freshman Year</b>		<b>Cr.</b>	<b>Sophomore Year</b>		<b>Cr.</b>
BIOL 1110/1111		4	CHEM/PHYS 1710		4
CHEM 1010 OR 1110		4 or 5	BIOL 3070		4
EDUC 1000		1	MATH 1530		3
ENG 1010		3	EDUC 3040		3
HHP 1260		3	SPED 3000		3
P.E.		1	P.E.		1
BIOL 3060		4	EDUC 3070		3
CHEM 1020 OR 1120		4 or 5	BIOL 4080		4
MATH 1110		3	ASTR 1210 OR 1220		4
EDUC 2100		2	GEOL 1040		4
ENG 1020		3	EDUC 4160		3
<b>Total Hours</b>		<b>32-34</b>	<b>Total Hours</b>		<b>36</b>
<b>Junior Year</b>		<b>Cr.</b>	<b>Senior Year</b>		<b>Cr.</b>
BIOL 4110 OR 4120		4	EDUC 4270		3
GEOL 1050		4	BIOL 4440		4
EDUC 4080		3	PSY 3130		3
HIST 2010		3	MUS 1030		3
ENG 2030		3	BIOL 4400		3
COMM 1010		3	ART 1030		3
BIOL 3050 OR 4130		4	PSY 1010		3
PSY 3200		3	GEOG 1010		3
HIST 2020		3			
PHIL 2300		3			
<b>Total Hours</b>		<b>33</b>	<b>Total Hours</b>		<b>25</b>

Program contains 128 hours (51 upper division); Student Teaching required for licensure.

**DISTRIBUTIVE MAJOR:**

1110, 3050, 3060, 3070: four hours from each of the following series; (4050, 4080, 4350), (4110, 4120, 4440), (3330, 4130). Required Related Courses: eight hours of General Chemistry (CHEM 1110 and 1120); any two from the following three options (PHYS 2010 and 2020), (GEOL 1040 and 1050), (eight hours of lab based 3000-4999 level CHEM).

**TEACHING MAJOR:**

(This major may only be applied to licensure for grades 7 - 12, and must be accompanied by the Professional Education Minor): Student Teaching must be completed before licensure, but may be taken post-graduation. BIOL 1110, 3060, 3070, 4080, 4440, 4400 (3 semester hours), and one course from each of the following series: (4110, 4120); (3050, 3330, 4130). Required related courses: 24 hours of supplemental science attained by completing selections from the following three series: 8 hours chemistry series: (CHEM 1010 and 1020 [Chemistry – Society and Environment] or CHEM 1110 and 1120 [General Chemistry]); 8 hours of physics: (PHYS/CHEM 1710 and one of the following: ASTR 1210 [Planetary Astronomy] or ASTR 1220 [Stellar Astronomy]); 8 hours Geology (GEOL 1040 [Physical Geology] and GEOL 1050 [Historical Geology]). Six hours of math including MATH 1110 (College Algebra) and either MATH 1530 (Statistics) [Recommended] or MATH 1120. MATH 1610 will not satisfy requirement.

**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. BIOL 3060, 3070, 4080, and one course selected from each of the following two series: (4110, 4120, 4440); (3050, 3330, 4130). Praxis II sub-test: Biology Content Knowledge Exam (Code 20231; minimum score of 146) is required.

**MINOR:**

BIOL 1110, four hours from each of the following series: (3050, 3060, 3070), (4050, 4080, 4350), (4110, 4120, 4440), (3330, 4130). The minor must include four hours each from botany and zoology courses selected with advisor approval. Required Related Courses: eight hours of General Chemistry (CHEM 1110 and 1120).

**Note to Advanced Students:** Students who do not meet prerequisites for a course may not receive credit without a specific waiver by the department chair. Biology majors must take the Biology Majors Exam. Students with two years of high school biology or an ACT score of 26 or higher are encouraged to substitute four hours of 3000 - 4999 level biology for BIOL 1110.

**COURSE DESCRIPTIONS****BIOL 1010 Principles of Life - Three hours lecture, three hours laboratory (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, the theory of evolution and principles of ecology. BIOL 1010 will not serve as a prerequisite of upper level biology courses.

**BIOL 1020 Diversity of Life - Three hours lecture, three hours laboratory (4)**

*No prerequisite.*

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 level biology courses.

**BIOL 1030 Human Biology - Three hours lecture, three hours laboratory (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 1030 will not serve as a prerequisite of upper level biology courses.

**BIOL 1110 Principles of Biology - Three hours lecture, three hours laboratory (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 & Physiology**

**Three hours lecture, three hours laboratory (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.

**BIOL 2020 Human Anatomy & Physiology -**

**Three hours lecture, three hours laboratory (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 2050 Medical Terminology - Three hours lecture (3)**

*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.

**BIOL 2300 Principles of Microbiology –**

**Three hours lecture, three hours laboratory (4)**

*Prerequisite: Eight hours of biology*

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 (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 Animal Diversity - Three hours lecture, three hours laboratory (4)***Prerequisite: BIOL 1110*

A comparative study of the taxonomy, functional morphology, development, ecology, and evolution of representative animals.

**BIOL 3070 Plant Diversity - Three hours lecture, three hours laboratory (4)***Prerequisite: BIOL 1110*

An evolutionary survey of the plant kingdom (including macroscopic fungi), involving a comparative study of the structure, reproduction, life cycle, and importance of representatives from the various groups.

**BIOL 3330 Principles of Evolution -Three hours lecture, three hours laboratory (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 3760 Immunology and Serology -Three hours lecture, three hours laboratory (4)***Prerequisite: BIOL 2300 or BIOL 3050*

Fundamentals of antigen-antibody reactions, and serologic procedures performed in the clinical laboratory.

**BIOL 380A, B Medical Technology Internship (15 each)**

Two semesters of clinical Practicum Students apply the skills and abilities learned during the previous six semesters of the curriculum. Students are assigned to an accredited hospital laboratory.

**BIOL 3910 Fundamentals of Hematology –****Three hours lecture, three hours laboratory (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.

**BIOL 3940 Fundamentals of Clinical Analysis****Three hours lecture, three hours laboratory (4)***Prerequisite: BIOL 3910 or permission of instructor*

Use of proper glassware and reagents; test performance relating to procedures, instrumentation including maintenance and quality control; introduction to carbohydrate metabolism and renal function.



**BIOL 4040 Histology - Three hours lecture, three hours laboratory (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 laboratory (4)**

*Prerequisite: Eight hours of biology*

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 4080 General Ecology - Three hours lecture, three hours laboratory (4)**

*Prerequisite: Eight hours of biology*

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 4090 Clinical Hematology (4)**

*Prerequisites/Co-Requisites: BIOL 3910, BIOL 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.

**BIOL 4100 Biostatistics - Three hours lecture, three hours lab (4)**

*Prerequisite: Completion of the mathematics core and one year of general biology*

Statistical methods in biological research. Basic descriptive and inferential statistics, frequency distributions and analyses, analysis of variance, linear regression, correlation, nonparametric 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 laboratory (4)**

*Prerequisites: BIOL 1110, BIOL 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 laboratory (4)**

*Prerequisites: Eight hours of biology 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 4130 Genetics - Three hours lecture, three hours laboratory (4)**

*Prerequisite: BIOL 1110*

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 4160 Human Physiology - Three hours lecture, three hours laboratory (4)***Prerequisite: BIOL 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 4200 General Embryology - Three hours lecture, three hours laboratory (4)***Prerequisite: BIOL 1110 or 2020 or permission of instructor*

The morphology and physiology of vertebrate development.

**BIOL 4290 Clinical Microbiology (4)**

*Prerequisites/Co-Requisites: BIOL 2300, 3050, 3760, BIOL 4730, BIOL 4980 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.

**BIOL 4300 Bacteriology - Three hours lecture, three hours laboratory (4)***Prerequisites: Eight hours of biology and eight hours of chemistry*

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 4350 Field Zoology - Three hours lecture, three hours laboratory (4)***Prerequisite: BIOL 3060*

A survey of the native vertebrate animals, with emphasis on collection, preservation, identification, and taxonomic relationships.

**BIOL 4390 Clinical Immunohematology/ Serology (4)**

*Prerequisites/Co-Requisites: BIOL 3760, BIOL 4730, BIOL 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.

**BIOL 4400 Teaching Science in High School - Three hours lecture (3)***Prerequisite: Provisional admission to Teacher Education and EDUC 3070.*

Emphasis is placed on providing pre-service 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 30 hours of field experience are required.

**BIOL 4440 Cell and Molecular Biology -****Three hours lecture, three hours laboratory (4)***Prerequisites: Eight hours of biology and one eight-hour chemistry series.*

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 Recombinant DNA Technology****Three hours lecture, three hours laboratory (4)***Prerequisites: Senior status and permission of instructor*

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.

**BIOL 4490 Clinical Chemistry/Urinalysis (4)***Prerequisites/Co-Requisites: BIOL 3940, BIOL 4940, BIOL 4970 and acceptance into the Senior Year (clinical phase) of the Medical Technology Program or permission of instructor*

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.

**BIOL 4500 Research - Two to six hours laboratory (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 4560 Aquatic Macroinvertebrates -****Three hours lecture, three hours laboratory (4)**

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 hour lecture, three hours laboratory (4)***Prerequisites: BIOL 1110 and 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 4730 Diagnostic Microbiology I - Three hours lecture, three hours laboratory (4)***Prerequisites/Co-Requisites: BIOL 2300 or 3050/ Acceptance into the Senior Year (clinical phase) of the Medical Technology Program or permission of instructor.*

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. (Including ASO, CRP, RPR, ELISA, and IF)

### **BIOL 4750 Management/Research/Education Seminar (3)**

*Prerequisites/Co-Requisites: 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.

### **BIOL 4810 Wildlife Management Internship (15)**

*Prerequisite: 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)**

*Prerequisite: 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.

### **BIOL 484A, B Radiologic Laboratory 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.

### **BIOL 4900 Clinical Phlebotomy (1)**

*Prerequisites/Co-Requisites: BIOL 3910, BIOL 4910, BIOL 3940, BIOL 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.

### **BIOL 4910 Hematology - Three hours lecture, three hours laboratory (4)**

*Prerequisites/Co-Requisites: Acceptance into the Senior Year (clinical phase) of the Medical Technology Program or permission of program instructor.*

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.

### **BIOL 4940 Clinical Analysis I - Three hours lecture, three hours laboratory (4)**

*Prerequisites/Co-Requisites: Acceptance into the Senior Year 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.

**BIOL 4950 Immunohematology - Two hours lecture, four hours laboratory (4)**

*Prerequisite: BIOL 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.

**BIOL 4970 Clinical Analysis II - Three hours lecture, three hours laboratory (4)**

*Prerequisites/Co-Requisites: BIOL 4940/4941 and acceptance into the Senior Year Medical Technology Program or permission of program director or permission of instructor.*

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.

**BIOL 4980 Diagnostic Microbiology II -**

**Three hours lecture, three hours laboratory (4)**

*Prerequisites/Co-Requisites: BIOL 4730 or 3050/ Acceptance into the Senior Year of the Medical Technology Program or permission of program director or permission of instructor.*

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.

**BUSINESS (B.B.A.)**

*School of Business*

*College of Professional Programs and Social Sciences*

*Director: \_\_\_\_\_*

*Location: Kimbrough 104*

*Phone: 931-221-7674*

*Website: [www.apsu.edu/business](http://www.apsu.edu/business)*

Students majoring in Business will receive the Bachelor of Business Administration degree. Admission to the B.B.A. program is listed on page 103.

**BUSINESS REQUIREMENTS - (128 Hours)**

1. **The University B.B.A. Liberal Arts Core: .....52 hours**  
All concentrations must include MATH 1110, 1810, ECON 2010. All concentrations

except Economics must include COMM 1010. General Business, Management and Marketing concentrations must include PSY 1210 or 2210. See pages 116-118 for a complete listing of core requirements.

2. **The B.B.A. CONCENTRATIONS:** ..... 18 - 30 hours
- |                          |                                 |
|--------------------------|---------------------------------|
| Accounting .....30 hours | General Business ..... 21 hours |
| Economics .....18 hours  | Marketing .....21 hours         |
| Finance .....24 hours    | Management .....18 hours        |

See each concentration for list of courses.

3. **The SCHOOL OF BUSINESS Core:** ..... 42 hours  
ACCT 2010, 2020; BLAW 3300; DSCI 3410; ECON 2020; FIN 3010, 3510; MGT 3010, 4810; MKT 3010; MIS 1200, 4100; QM 2110, 3110; and select one from ACCT 3510, ECON 4610, FIN 3510, MGT 4110, MKT 3410.
4. **ELECTIVE COURSES:** ..... 4 - 16 hours
- |                         |                                |
|-------------------------|--------------------------------|
| Accounting .....4 hours | General Business .....13 hours |
| Economics .....16 hours | Management .....16 hours       |
| Finance .....10 hours   | Marketing .....13 hours        |
5. **OTHER REQUIREMENTS:**
- Fifty percent of required business courses must be taken at APSU;
  - Minimum 52 hours of coursework must be taken outside the School of Business;
  - Minimum 48 upper-division hours;
  - Minimum 2.0 GPA in the following: cumulative GPA courses taken at APSU, courses in major, and courses in minor; and,
  - A major comprehensive exam during the last semester of the senior year.

## ACCOUNTING

### *School of Business*

#### *College of Professional Programs and Social Sciences*

*Baggett,, Clark, Fortner, Koch, Eichelberger, Said*

*Website: <http://www.apsu.edu/business/acct/dept.htm>*

## 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.

### Accounting Concentration Requirements - (128 Hours)

- The University B.B.A. Liberal Arts core<sup>1</sup> (52 hours).
- The School of Business core<sup>1</sup> (42 hours).
- ACCT 3010, 3020, 3110, 3210, 3710, 4210, 4310, 4510, BLAW 3210, and three hours of accounting electives selected from ACCT 3100, 3410, 3510, 4220, 4320, 4610 (30 hours).
- Electives with three hours in a non-business or upper division ECON course (4 hours).

<sup>1</sup>See Business Requirements

**SUGGESTED PROGRAM OF STUDY**

Courses marked with \* are suggested, other options exist for fulfilling this requirement. See Liberal Arts Core for options.

<b>Freshman Year</b>		<b>Cr.</b>	<b>Sophomore Year</b>		<b>Cr.</b>
ENGL 1010, ENGL 1020		6	PHIL 2400*		3
MATH 1110, 1810		6	ACCT 2010, 2020		6
PSY 1210*		3	ECON 2010, 2020		6
MIS 1200		3	QM 2110		3
COMM 1010		3	ENGL 2030		3
MUS 1030*		3	ART 1030*		3
HIST 2010, HIST 2020		6	Science + Lab*		8
P.E.		2			
	<b>Total Hours</b>	<b>32</b>		<b>Total Hours</b>	<b>30</b>
<b>Junior Year</b>		<b>Cr.</b>	<b>Senior Year</b>		<b>Cr.</b>
FIN 3010		3	ACCT 3410, 3510, 3710		18
MGT 3010		3	ACCT 4210, 4310, 4510		
MKT 3010		3	MGT 4810		3
BLAW 3300		3	MIS 4100		3
QM 3110		3	BLAW 3210		3
ACCT 3010, 3020, 3110, 3210		12	Electives*, non-business		3
DSCI 3410		3	Electives*		1
Social Science*		3			
	<b>Total Hours</b>	<b>33</b>		<b>Total Hours</b>	<b>31</b>

**Accounting Concentration Requirements - (150 Hours)**

**CPA Exam Preparation**

1. The University B.B.A. Liberal Arts core<sup>1</sup> (52 Hours).
2. The School of Business core<sup>1</sup> (42 Hours).
3. ACCT 3010, 3020, 3110, 3210, 3710, 4210, 4310, 4510, BLAW 3210, and three hours of accounting electives selected from ACCT 3100, 3410, 3510, 4220, 4320, 4610 (30 Hours).
4. Electives with three hours in a non-business or upper division ECON course (4 Hours).

<sup>1</sup>See Business Requirements

Students must earn 150 hours of college credit before taking the CPA Exam in Tennessee. In addition to the accounting concentration, students are encouraged to take the following recommended courses: ACCT 4220, 4320 (6 hours); ACCT 3100, 3410, 3510, 4610, or BLAW 3220 (3 hours); ENGL 3200 or 3500 (3 hours); COMM 3320 or 4020 (3 hours); and other electives (7 hours).

## SUGGESTED PROGRAM OF STUDY

Courses marked with \* are suggested, other options exist for fulfilling this requirement. See Liberal Arts Core for options.

Freshman Year		Cr.	Sophomore Year		Cr.
ENGL 1010, ENGL 1020	6		PHIL 2400*	3	
MATH 1110, 1810	6		ACCT 2010, 2020	6	
PSY 1210*	3		ECON 2010, 2020	6	
MIS 1200	3		QM 2110	3	
COMM 1010	3		ENGL 2030	3	
MUS 1030*	3		ART 1030*	3	
HIST 2010, 2020	6		CSCI 1010*, 2010*	6	
P.E.	2		Science + Lab*	8	
	<b>Total Hours</b>	<b>32</b>		<b>Total Hours</b>	<b>38</b>
Junior Year		Cr.	Senior Year		Cr.
FIN 3010, 4010*	6		ACCT 3410*, 3510*, 3710	21	
MGT 3010	3		ACCT 4210, 4310, 4320*		
			4510		
ACCT 3010, 3020, 3110, 3210	12		MGT 4810	3	
MKT 3010	3		MIS 4100	3	
BLAW 3300	3		BLAW 3210	3	
QM 3110	3		Electives*, non-business	3	
DSCI 3410	3				
Social Science*	3				
	<b>Total Hours</b>	<b>36</b>		<b>Total Hours</b>	<b>33</b>
Fifth		Cr.			
ACCT 4220	3				
COMM 4020	3				
BLAW 3220	3				
Elective*	3				
	<b>Total Hours</b>	<b>12</b>			

**ACCOUNTING MINOR (21 Hours):**

ACCT 2010, 2020, 3010, 3020; six hours of accounting electives approved by the department chair of Accounting; and MIS 1200.

**COURSE DESCRIPTIONS****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 a service and merchandising business organized as a sole-proprietorship, corporation, and/or partnership.

**ACCT 2020 Principles of Accounting II (3)**

*Prerequisite: ACCT 2010*

A continuation of ACCT 2010. Accounting for corporations, and introduction to the preparation and use of cost and managerial accounting information.



**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 creations of accounting information and its use as the basis for managerial decision making.

**ACCT 3010 Intermediate Accounting I (3)**

*Prerequisites: ACCT 2010, ACCT 2020 with a minimum grade of "C" in both; Junior standing; Business majors must also meet the BBA admission requirement.*

Financial accounting theory and practice; including financial reporting, assets, and current liabilities.

**ACCT 3020 Intermediate Accounting II (3)**

*Prerequisite: ACCT 3010 with a minimum grade of "C"*

A continuation of ACCT 3010. Long-term liabilities, stockholders equity, earnings per share, revenue recognition, investments, interperiod tax allocation, pensions, leases, accounting changes and error correction, and the statement of cash flows.

**ACCT 3100 Financial Statement Analysis (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.

**ACCT 3110 Cost Accounting (3)**

*Prerequisites: ACCT 2010, ACCT 2020 with a minimum grade of "C" in each; Junior standing; Business majors must also meet the BBA admission requirements.*

Fundamental principles of cost accounting, creating value for management, job costing for service and manufacturing entities, process costing, standard costing, cost allocation, cost-volume-profit relationships and budgeting, and professional ethics.

**ACCT 3210 Computer Applications in Accounting (3)**

*Prerequisites: ACCT 2020, MIS 1200, Junior standing; Business majors must also meet the BBA admission requirements.*

Use of the microcomputer as a decision-making aid using accounting data and spreadsheet development. Students are required to research, prepare a written report, and make a presentation using multi-media technology.

**ACCT 3410 Not-For-Profit Accounting (3)**

*Prerequisites: ACCT 2020; Business majors must also meet the BBA admission requirements.*

Basic fund and budgetary accounting by state and local governments. Accounting for other not-for-profit organizations-hospitals, universities, and voluntary health and welfare organizations- will be introduced. Additionally, federal government accounting and reporting is discussed.

**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 3710 Accounting Information Systems (3)**

*Prerequisites: ACCT 2020, MIS 1200, 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, research and prepare a written report, and make a presentation using multi-media technology.

**ACCT 4210 Auditing (3)**

*Prerequisites: ACCT 3020, ACCT 3210, and ACCT 3710*

Auditing including study of auditing function, standards, professional ethics, internal controls, audit programs, procedures, and preparation of auditing working papers and reports. Students are required, individually and in groups, to conduct library research, prepare written reports, and make presentations using multi-media technology.

**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 multi-media technology. Includes an individual audit practice case and a group simulated audit.

**ACCT 4310 Income Tax Accounting I (3)**

*Prerequisite: ACCT 2020; Junior standing; Business majors must also meet the BBA admission requirements.*

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, special tax computation, and tax and financial planning issues.

**ACCT 4320 Income Tax Accounting II (3)**

*Prerequisite: ACCT 4310*

A continuation of Accounting 4310. Income taxation of corporations and partnerships. Federal gift taxes, estate taxes, procedural aspects of income tax accounting, tax research and planning.

**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.

**BUSINESS LAW, ECONOMICS, DECISION SCIENCES,  
AND GENERAL BUSINESS***School of Business**Grimmett, Kim, Meadows, Plummer, Rayburn, Shain**Website: [www.apsu.edu/business/econ/dept.htm](http://www.apsu.edu/business/econ/dept.htm)***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 in other areas. No minor is required, but students are encouraged to complete another concentration in business or complete a related minor outside of business as appropriate to the curriculum selected. A minor is neither required nor recommended for students pursuing the Bachelor of Business Administration. Courses marked with \* are suggested, other options exist for fulfilling this requirement.

**Economics Concentration Requirements (128 Hours)**

- 1) The University B.B.A. Liberal Arts core<sup>1</sup> (52 Hours).
- 2) The School of Business core<sup>1</sup> (42 Hours).
- 3) ECON 3010, 3020 or 3220, and four upper division elective courses in ECON (18 Hours).
- 4) Electives (16 Hours).

<sup>1</sup>See Business Requirements

## SUGGESTED PROGRAM OF STUDY

Courses marked with \* are suggested, other options exist for fulfilling this requirement. See Liberal Arts Core for options.

Freshman Year		Cr.	Sophomore Year		Cr.
ENGL 1010, ENGL 1020	6		PHIL 2400*	3	
MATH 1110, 1810	6		ACCT 2010, 2020	6	
PSY 1210	3		ECON 2010, 2020	6	
MIS 1200	3		QM 2110	3	
COMM 1010	3		HIST 2010, 2020	6	
MUS 1030*	3		ENGL 2030	3	
Science + Lab*	8		ART 1030*	3	
P.E.	2				
		<b>Total Hours</b>	<b>34</b>		<b>Total Hours</b>
					<b>30</b>
Junior Year		Cr.	Senior Year		Cr.
FIN 3010	3		ECON 3020, 4410*, 4610	9	
MGT 3010	3		MGT 4810	3	
MKT 3010	3		MIS 4100	3	
BLAW 3300	3		Electives	10	
QM 3110	3		Electives, upper level	6	
ECON 3010, 3220*, 4310*	9				
DSCI 3410	3				
Social Science*	3				
		<b>Total Hours</b>	<b>30</b>		<b>Total Hours</b>
					<b>31</b>

**ECONOMICS MINOR (24 Hours):**

ECON 2010, 2020, 3010, 3020, 3220, QM 2110, 3110 and three hours of upper division economics electives.

**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:

**General Business Concentration Requirements (128 Hours)**

- 1) The University B.B.A. Liberal Arts core<sup>1</sup> (52 hours).
- 2) The School of Business core<sup>1</sup> (42 hours).
- 3) ACCT 3000, 3210; BLAW 3210 or 3220; ECON 3010 or 3020 or 3220; FIN 4010; MGT 3110 or 3210; MGT 3610 or MKT 3210 (21 hours).
- 4) Electives (13 hours).

<sup>1</sup>See Business Requirements

**SUGGESTED PROGRAM OF STUDY**

Courses marked with \* are suggested, other options exist for fulfilling this requirement. See Liberal Arts Core for options.

<b>Freshman Year</b>		<b>Cr.</b>	<b>Sophomore Year</b>		<b>Cr.</b>
ENGL 1010, ENGL 1020		6	PHIL 2400*		3
MATH 1110, 1810		6	ACCT 2010, 2020		6
PSY 1210		3	ECON 2010, 2020		6
MIS 1200		3	QM 2110		3
COMM 1010		3	HIST 2010, 2020		6
MUS 1030*		3	ENGL 2030		3
Science + Lab*		8	ART 1030*		3
P.E.		2			
	<b>Total Hours</b>	<b>34</b>		<b>Total Hours</b>	<b>30</b>
<b>Junior Year</b>		<b>Cr.</b>	<b>Senior Year</b>		<b>Cr.</b>
FIN 3010		3	MGT 3110*, 3610, 4810		9
MGT 3010		3	FIN 4010		3
MKT 3010		3	MIS 4100		3
BLAW 3300		3	BLAW 3220*		3
QM 3110		3	Electives		10
ACCT 3000, 3210		6	Electives, upper level		36
ECON 3020*		3			
DSCI 3410		3			
Social Science*		3			
	<b>Total Hours</b>	<b>30</b>		<b>Total Hours</b>	<b>31</b>

Academic Programs With Course Descriptions

**GENERAL BUSINESS MINOR (18 Hours):**

ACCT 2010; BLAW 3300; ECON 2010; MGT 3010; MKT 3010; FIN 3010, MGT 3610, or MKT 3210.

**COURSE DESCRIPTIONS**

**BUSINESS LAW**

**BLAW 3210 Business Law I (3) F, S, SU**

*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 of contracts, the uniform commercial code (sales, commercial paper, secured, transactions), bankruptcy, and agency.

**BLAW 3220 Business Law II (3) F, S**

*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) F, S, SU***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.

**DECISION SCIENCES****DSCI 3410 Production Operations Management (3) F, S, SU***(Cross listed with ENGT 3610)**Prerequisites: MATH 1810, MGT 3010, QM 3110; Admission to BBA Program*

Methods of efficient plant management including production scheduling, inventory control, standards for pay and production; quality control, plant layout and location.

**DSCI 3500 Business and Economic Forecasting (3) F***Prerequisites: ECON 2010, QM 3110; Junior Standing*

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.

**DSCI 3510 Managerial Dynamics and Simulation (3) S***(Cross listed with DSCI 3510 and ENGT 3660)**Prerequisite: DSCI 3410**Computer Programming recommended*

Identify and analyze dynamic phenomena surrounding the business environment through simulation techniques on the computer, queuing theory, inventory processing, sales forecasting, and advertising.

**DSCI 3530 Statistical Quality Control (3) F***(Cross listed with MGT 3530 and ENGT 3650)**Prerequisites: Junior standing, DSCI 3410, MATH 1810, QM 3110; Admission to BBA Program*

A continuation of DSCI 3410, stochastic inventory, integer, non-linear, mathematical and goal programming, the effects of quality control, plant layout and queuing on the overall production process and sensitivity analysis.

**DSCI 4410 Operation Research (3) S***(Cross listed with MGT 4410 and ENGT 4610)**Prerequisites: DSCI 3410, Senior standing*

Stochastic inventory, integer, non-linear, mathematical and goal programming, the effects of quality control, plant layout, and queuing on the overall production process and sensitivity analysis.

**ECONOMICS****ECON 2000 Contemporary Economics (3) F, SU**

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) F, S, SU**

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) F, S, SU**

*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.

**ECON 3010 Intermediate Microeconomics (3) S**

*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) F**

*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) S or SU**

*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) S**

*Prerequisite: ECON 2010*

Recommended QM 3110 and Junior Standing

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) F or SU**

*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 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) S, SU***Prerequisite: 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) S***Prerequisite: 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) F***Prerequisite: 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) F or SU***Prerequisite: 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) S, F, SU***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.

**GENERAL BUSINESS****GB 1110 Introduction to Business (3) F, SU**

Business environment, economics and legal foundations of business, human resources, marketing operations, and financial functions of domestic and global business.

**GB 3010E Commerce Basics I (3)***Prerequisites: MIS 1200 or equivalent; ECON 2010 and 2020*

Commerce site development theory and practices; including web site (HTML) development and database construction. Internet protocol and live site development with database up to the point of live order entry/editing.



**GB 3900 Internship (3) F, S**

*Prerequisites: Junior standing and permission of the College 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. Pass/Fail grading.

**MANAGEMENT INFORMATION SYSTEMS****MIS 1200 Business Information Technology (3) F, S, SU**

*Prerequisite: Computer Literacy, MIS 1100, or permission of the instructor*

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) F, S, SU**

*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.

**FINANCE, MANAGEMENT AND MARKETING**

*School of Business*

*J. Anderson, Baker, S. Newport, Phillips, Reagan, Richards, Taylor, and Volker*

*Website: [www.apsu.edu/business/fin/dept.htm](http://www.apsu.edu/business/fin/dept.htm)*

**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.

**Finance Concentration Requirements - (128 Hours)**

- 1) At least 52 hours outside of the School of Business including the University B.B.A. Liberal Arts core<sup>1</sup> (52 hours).
- 2) The School of Business core<sup>1</sup> (42 hours).
- 3) ACCT 3210; FIN 3310, 4010, 4210, 4310, 4400 (18 hours).
- 4) Select two from: ACCT 3000, 3010, 3110, 3710; ECON 3020, 3210, 4000, 4610; MGT 3610, 4000; MKT 3110, 3310, 4000 (6 hours).
- 5) Electives<sup>2</sup> (10 hours).

<sup>1</sup> See Business Requirements

<sup>2</sup> Three hours of non-business or upper division ECON must be selected if ECON is not selected in #4.

## SUGGESTED PROGRAM OF STUDY

Courses marked with \* are suggested, other options exist for fulfilling this requirement. See Liberal Arts Core for options.

Freshman Year		Cr.	Sophomore Year		Cr.
ENGL 1010, ENGL 1020		6	PHIL 2400*		3
MATH 1110, 1810		6	ACCT 2010, 2020		6
PSY 1210*		3	ECON 2010, 2020		6
MIS 1200		3	QM 2110		3
COMM 1010		3	ENGL 2030		3
MUS 1030*		3	ART 1030*		3
HIST 2010, 2020		6	Science + Lab*		8
P.E.		2			
	<b>Total Hours</b>	<b>32</b>		<b>Total Hours</b>	<b>32</b>
Junior Year		Cr.	Senior Year		Cr.
FIN 3010, 3310, 4310*		9	FIN 4010, 4210, 4400		9
MGT 3010		3	MGT 3610*, 4810		3
MKT 3010		3	MIS 4100		3
BLAW 3300		3	MKT 3310*		3
QM 3110		3	Core international requirement		3
DSCI 3410		3	Electives*, upper level		3
ACCT 3210		3	Electives		7
Social Science*		3			
	<b>Total Hours</b>	<b>30</b>		<b>Total Hours</b>	<b>34</b>

**FINANCE MINOR (24 Hours):**

ACCT 2010, 2020; ECON 2010, 2020; FIN 3010, 3310; 4010\* or 4210; and QM 2110.

\* FIN 4010 requires ACCT 3210 as a prerequisite.

**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:

**Management Concentration Requirements (128 Hours)**

- 1) At least 52 hours outside of the School of Business including the University B.B.A. Liberal Arts core<sup>1</sup> (52 hours).
- 2) The School of Business core<sup>1</sup> (39 hours).
- 3) MGT 3110, 3210, 4110, 3610 (12 hours).

- 4) Select two from: ACCT 3000; ECON 3010, 3020, 4310; MGT 3610, DSCI 3510, 3530, 4410; MKT 3310, 3710 (6 hours).
- 5) Electives<sup>2</sup> (19 hours).
  - <sup>1</sup> See Business Requirements
  - <sup>2</sup> Three hours of non-business or upper division ECON must be selected if ECON is not selected in #4.

**SUGGESTED PROGRAM OF STUDY**

Courses marked with \* are suggested, other options exist for fulfilling this requirement. See Liberal Arts Core for options.

<b>Freshman Year</b>	<b>Cr.</b>	<b>Sophomore Year</b>	<b>Cr.</b>
ENGL 1010, 1020	6	PHIL 2400*	3
MATH 1110, 1810	6	ACCT 2010, 2020	6
PSY 1210	3	ECON 2010, 2020	6
MIS 1200	3	QM 2110	3
COMM 1010	3	ENGL 2030	3
MUS 1030*	3	ART 1030*	3
HIST 2010, 2020	6	Science + Lab*	8
P.E.	2		
	<b>Total Hours</b>	<b>Total Hours</b>	<b>32</b>
	<b>32</b>		
<b>Junior Year</b>	<b>Cr.</b>	<b>Senior Year</b>	<b>Cr.</b>
FIN 3010	3	MGT 3110, 3210	6
MGT 3010	3	MGT 3610, 4110, 4810	9
MKT 3010, 3310*, 3710*	9	MIS 4100	3
BLAW 3300	3	Electives*, upper level	3
QM 3110	3	Elective	13
DSCI 3410	3		
Social Science*	3		
Electives*, upper level	3		
	<b>Total Hours</b>	<b>Total Hours</b>	<b>31</b>
	<b>30</b>		

**MANAGEMENT MINOR - (18 Hours):**

ACCT 2010; ECON 2010; MGT 3010; and nine hours of 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.

All students selecting the marketing concentration are required to complete:

**Marketing Concentration Requirements (128 Hours)**

- 1) The University B.B.A. Liberal Arts core<sup>1</sup> (52 hours).
- 2) The School of Business core<sup>1</sup> (42 hours).
- 3) MKT 3210, 3510, 4310, 4450, 4800 (15 hours).
- 4) Select two from: MKT 3110, 3310, 3410, 3710, 4150 (6 hours).

- 5) Electives with three hours in a non-business or upper division economics course (13 hours).

<sup>1</sup>See Business Requirements

### SUGGESTED PROGRAM OF STUDY

Courses marked with \* are suggested, other options exist for fulfilling this requirement. See Liberal Arts Core for options.

Freshman Year		Cr.	Sophomore Year		Cr.
ENGL 1010, ENGL 1020		6	PHIL 2400*		3
MATH 1110, 1810		6	ACCT 2010, 2020		6
PSY 1210		3	ECON 2010, 2020		6
MIS 1200		3	QM 2110		3
COMM 1010		3	ENGL 2030		3
MUS 1030*		3	ART 1030*		3
HIST 2010, 2020		6	Science + Lab*		8
P.E.		2			
	<b>Total Hours</b>	<b>32</b>		<b>Total Hours</b>	<b>32</b>
Junior Year		Cr.	Senior Year		Cr.
FIN 3010		3	MGT 4810		3
MGT 3010		3	MKT 3210, 4310, 4450, 4800		9
MKT 3010, 3410, 3510		9	MIS 4100		3
MKT 3310 or 3710 or 4150*		3	Electives*, upper level		7
BLAVV 3300		3	Elective*		9
QM 3110		3			
DSCI 3410		3			
Social Science*		3			
	<b>Total Hours</b>	<b>30</b>		<b>Total Hours</b>	<b>34</b>

#### MARKETING MINOR (18 Hours):

ACCT 2010; ECON 2010; MKT 3010, 3210, 4310; and three hours from MKT 3110, 3310, 3410, 3510, 4000, 4150, 4450, 4800.

### COURSE DESCRIPTIONS

#### FINANCE

##### **FIN 1000 Personal Finance (3) F, S**

An examination of consumer financing including budgeting, planning, taxes, credit, housing, insurance, investing, and retirement plans.

##### **FIN 3010 Principles of Finance (3) F, S, SU**

*Prerequisite: 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) F, S, U***Prerequisite: FIN 3010*

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, institutions and instruments of international finance.

**FIN 4010 Managerial Finance (3) F, S***Prerequisites: FIN 3010, ACCT 3210, and 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) F***Prerequisite: FIN 3010*

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) S***Prerequisites: FIN 3310, ACCT 3210 and QM 3110*

A 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) S***Prerequisites: FIN 3010, ACCT 3210 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) F, S***Prerequisites: Senior standing*

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) F, S, SU***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.

MANAGEMENT**MGT 3010 Principles of Management And Organizational Behavior (3) F, S, SU**

*Prerequisite: Junior standing; Business majors must also meet the BBA admission requirements.*

The basic concepts and principles of management and organizational behavior are considered. Special attention is devoted to such human behavioral aspects as interpersonal relations, group dynamics, power and conflict, leadership and motivation, and organizational culture and development.

**MGT 3110 Organization Behavior And Theory (3) F,SU**

*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) F,S**

*Prerequisite: MGT 3010*

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) F, SU**

*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) F, S, SU**

*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.

**MGT 4110 International Management (3) S**

*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) F,S,SU**

*Prerequisites: Senior standing and completion of BLAW 3300, MGT 3010, MKT 3010, FIN 3010, QM 3110.*

Analysis of business problems and managerial decision-making using case studies and secondary research sources. The course emphasizes environmental and internal analysis to develop strategies for the organization. A written case analysis and presentation are required. Completion of DSCI 3410 is strongly recommended.

**MGT 490A, B, C Special Problems in Management (1, 2, 3) F,S, SU**

*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.

**MARKETING****MKT 3010 Principles of Marketing (3) F, S, SU**

*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 F**

*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 F, SU**

*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) S,SU**

*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) S, SU**

*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) S, SU**

*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 3710 Applications in Business Geographics (3) S**

*Prerequisite: MKT 3010*

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 4000 Issues in Free Enterprise (3) F,S,SU**

*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 4150 Industrial Marketing (3) S**

*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 4310 Advertising And Promotional Strategy (3) F, SU**

*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) F**

*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) S**

*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) F,S,SU***Prerequisites: MKT 3010, Senior standing, and 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.

**QUANTITATIVE METHODS****QM 2110 Business And Economic Statistics I (3) F,S,SU***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 Business And Economic Statistics II (3) F,S,SU***Prerequisites: QM 2110*

A continuation of 2110. The topics covered include analysis of variance, regression and correlation, time-series analysis, statistical decision theory, and nonparametric statistical methods.

**CHEMISTRY (B.S.)***College of Science and Mathematics**R. Reed (Chair), Brennan, Foote, Lafrenz, F. Matthews, Parker, R. Robertson**Location: Sundquist Science Complex, A308**Phone: 931-221-7626**Website: [www.apsu.edu/chem\\_page/](http://www.apsu.edu/chem_page/)*

A degree in chemistry is suitable preparation for a variety of career choices, including immediate employment in the chemical or biochemical industries, graduate study in chemistry or biochemistry, and professional study in medicine, dentistry, and pharmacy. All majors must take a chemistry achievement test during their last semester prior to graduation. CHEM 3220 satisfies the University Computer Literacy requirement. NOTE: Credit toward graduation cannot be received for two courses in any of the following groups: (1000, 1010, 1110, 1710); (1020, 1120); or, (3500, 3510).

**CERTIFIED MAJOR:**

Students who complete the following prescribed courses with the 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 which has been approved by the ACS: 1110, 1120, 3210, 3220, 3440, 3510, 3520, 3610, 3620, 4000, 4310, 4940 (2 credits), 4990; and one of the following: 4240, 4320, 4440, 4540, 4550; MATH 1910, 1920; and PHYS 2110, 2120. 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.

**MAJOR:**

(1110, 1120) or (1010, 1020, 1840); 3210; 3440; 3500 or 3510; 3610; 4000, complete any two sequences from (3210, 3220); (3440, 4440); (3510, 3520); (3610, 3620); (4310, 4320); three additional hours selected from 3220, 3520, 3620, 3840, 4240, 4310, 4340, 4350, 4440, 4540, 4550, 4740, 4940; and 4990. Five hours from MATH 1720, 1810, 1820, 1910, 1920; either (PHYS 2010 and 2020) or (PHYS 2110 and 2120). Transfer students are required to complete two semesters of resident chemistry courses. Chemistry majors should complete physical chemistry no later than the third year.

**SUGGESTED PROGRAM OF STUDY**

<b>Freshman Year</b>		<b>Cr.</b>	<b>Sophomore Year</b>		<b>Cr.</b>
CHEM 1110, 1120		10	CHEM 3210		4
BIOL 1110, 3060		8	PHYS 2010, 2020		10
ENGL 1010, 1020		6	CHEM 3510, 3520		8
MATH 1910		5	HHP 1260		3
PHED, ROTC or Band		2	COMM 1010		3
Freshman Experience		3	ART 1030		3
			MUS 1030		3
	<b>Total Hours</b>	<b>34</b>		<b>Total Hours</b>	<b>34</b>
<b>Junior Year</b>		<b>Cr.</b>	<b>Senior Year</b>		<b>Cr.</b>
CHEM 3610		4	CHEM 3840		3
CHEM 4310		4	CHEM 4940		2
HIST 2010, 2020		6	PSY 1010		3
BIOL 4050, 4110		8	BIOL 4130		4
ENGL 2030, 2040		6	CHEM 3220		4
CHEM 3440		4	SOC 2010		3
CHEM 2940		1	CHEM 4000		1
			CHEM 4990		1
	<b>Total Hours</b>	<b>33</b>		<b>Total Hours</b>	<b>21</b>

**TEACHING MAJOR:**

(This program satisfies Tennessee guidelines for teaching). Required courses in chemistry are: (1110, 1120) or (1010, 1020, 1840); 3210; 3440; 3500 or 3510; 3610; 4300 or 4310; and 4400; PHYS (1010, 1020), (2010, 2020) or (2110, 2120); BIOL 1010, 1020; GEOL 1040, 1050; and MATH 1810 or 1910; and the Professional Education minor. All science courses must include laboratories. Student Teaching is required for licensure. This major permits one to be licensed to teach chemistry and general science. An additional science endorsement may be obtained with advisor approval.

**MINOR (22 Hours):**

(1110, 1120) or (1010, 1020, 1840); eight hours selected from: (3210, 3220), (3440, 4440), (3510, 3520), (3610, 3620); and four additional hours of chemistry.

## COURSE DESCRIPTIONS

**CHEM 1000 Chemistry for General Education****Three hours lecture, three hours laboratory (4)**

Study of the essentials of general, organic, and biological chemistry. A one semester course designed for nursing students (ADN only) and others wishing to partially satisfy the Liberal Arts core science requirement. Will not serve as prerequisite for any other chemistry course.

**CHEM 1010 Chemistry - Society and the Environment****Three hours lecture, three hours laboratory (4)***Prerequisite: MATH 1110, MATH 1120, MATH 1720 or higher level*

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.

**CHEM 1020 Chemistry - Society and the Environment****Three hours lecture, three hours laboratory (4)***Prerequisite: CHEM 1010, MATH 1110, MATH 1120, MATH 1720 or higher level*

Basic organic chemistry, synthetic polymers, biochemistry, air and water pollution, consumer chemistry and energy sources.

**CHEM 1110 General Chemistry****Three hours lecture, one hour recitation, three hours laboratory (5)***Prerequisite: MATH 1120, MATH 1720 or higher level*

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 laboratory (5)***Prerequisite: CHEM 1110, MATH 1120 or MATH 1720 or higher level*

Acids, bases and salts; kinetics, electrochemistry, thermodynamics; descriptive chemistry, organic chemistry; nuclear chemistry.

**CHEM 1710 Introduction to Chemistry and Physics (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.

**CHEM 1840 Chemical Mathematics (2)***Prerequisite or Corequisites: CHEM 1020 or CHEM 1120*

Review of the mathematical problems of general chemistry.

**CHEM 2940 Introduction to Research One hour Laboratory (1)***Prerequisite: Permission of instructor*

Experiment design including methods, techniques, and information resources in a specialized area. May be repeated one semester.

**CHEM 3210 Quantitative Analysis - Three hours lecture, three hours laboratory (4)**

*Prerequisites: CHEM 1120 or (CHEM 1020 and CHEM 1840), and MATH 1120, MATH 1810 or higher level; and high school or higher level physics*

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 laboratory (4)**

*Prerequisites: CHEM 3210; PHYS 2020. PHYS 2120 recommended*

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 laboratory (4)**

*Prerequisite: CHEM 1120 or (CHEM 1020 and CHEM 1840) and (CHEM 3500 or 3510)*

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 laboratory (4)**

*Prerequisite: CHEM 1020 or CHEM 1120*

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 laboratory (4)**

*Prerequisite: CHEM 1120 or (CHEM 1020 and CHEM 1840)*

Functional groups (alkane, alkenes, alkynes, alkyl halides, aromatic compounds), structure determination, stereochemistry, and spectroscopy.

**CHEM 3520 Organic Chemistry - Three hours lecture, three hours laboratory (4)**

*Prerequisite: CHEM 3510*

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 laboratory (4)**

*Prerequisites: CHEM 1120 or (CHEM 1020 and CHEM 1840), and MATH 1810 or MATH 1910*

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 laboratory (4)**

*Prerequisites: CHEM 3610, MATH 1920*

Advanced thermodynamics, electrochemistry, advanced kinetics, atomic structure and the Schrodinger equation, molecular orbital theory and the theory of molecular spectroscopy.

**CHEM 3840 Chemical Literature - Three hours lecture/laboratory (3)**

*Prerequisite:* CHEM 1020 or CHEM 1120

Use of major sources of chemical information and procedures for their efficient use.

**CHEM 4000 Seminar - Two hours lecture/ recitation (1)**

*Prerequisite:* Junior or Senior Classification

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 laboratory (4)

*Prerequisites:* CHEM 3220, CHEM 3610 and PHYS 2020 or 2120

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 laboratory (4)**

*Prerequisite:* CHEM 3500

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 laboratory (4)**

*Prerequisite:* CHEM 3520

The structure/function relationship of bimolecular, enzyme catalysis, bioenergetics, and regulatory mechanisms.

**CHEM 4320 Biochemistry - Three hours lecture, three hours laboratory (4)**

*Prerequisite:* CHEM 4310

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 laboratory (4)**

*Prerequisite:* CHEM 4320

Biochemical literature, special topics in biochemistry, and the principle and techniques of experimental biochemistry.

**CHEM 4350 Physical Biochemistry - Three hours lecture, three hours laboratory (4)**

*Prerequisite:* CHEM 3610, CHEM 4320

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 laboratory (4)***Prerequisites: CHEM 3440 and CHEM 3610; CHEM 3220 strongly recommended*

Bonding and structure; coordination chemistry including stereo chemistry, magnetism, spectra, synthesis, and reaction mechanisms; metallic bonding; and bioinorganic applications.

**CHEM 4540 Organic Spectroscopy - Six hours lecture/laboratory (4)***Prerequisites: CHEM 3220, CHEM 3520, and CHEM 3610*

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 laboratory (4)***Prerequisites: CHEM 3520 and CHEM 3610*

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 4740 Selected Topics in Chemistry -****Three hours lecture and lab combined (3)***Prerequisites: CHEM 1120 or CHEM 1840 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 required; CHEM 2940 recommended*

Independent original research on individual projects; 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.

**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.

1. Credit toward graduation cannot be received for both courses in any pair: (1000, 1010); (1000, 1110); (1010, 1110); or (1020, 1120). See Science Liberal Arts core requirements.
2. Suggested for nonscience majors or science majors desiring a broad approach to general chemistry. Students electing this sequence may not take advanced chemistry course (except 3500) without first taking 1840.
3. Credit from CHEM 1710 may not be combined with CHEM 1010 or PHYS 1010 to fulfill the Science Liberal Arts core requirements.

**CLASSICAL CIVILIZATION MINOR (23-25 Hours)***Department of Languages and Literature**College of Arts and Letters**Website: [www.apsu.edu/langlit/for/classical\\_civilization.htm](http://www.apsu.edu/langlit/for/classical_civilization.htm)*

- A. GREK 1010, 1020, 2010, and 2020; and three from: ENGL 340D, HIST 3300, 3310, and PHIL 3100;
  - B. LATN 1010, 1020, 2010, and 2020; and three from: ENGL 340D, HIST 3300, 3310, and PHIL 3100;
- OR
- C. GREK 1010, 1020, LATN 1010, 1020; and three from ENGL 340D, HIST 3300, AND PHIL 3100.

**CLASSICAL LANGUAGES MINOR (21-23 Hours):***Department of Languages and Literature**College of Arts and Letters**Website: [www.apsu.edu/langlit/for/classic\\_minor.htm](http://www.apsu.edu/langlit/for/classic_minor.htm)*

- A. GREK 2010, 2020, 3300, and 4110; PHIL 3100 or ENGL 340D; and select two from LATN 1010, 1020, 2010, 2020, 3300 or 4110;
- OR
- B. LATN 2010, 2020, 3300, and 4110; PHIL 3100 or ENGL 340D; and select two from GREK 1010, 1020, 2010, 2020, 3300, and 4110.

**COMMUNICATION ARTS (B.A., B.S.)***Department of Communication and Theatre**College of Arts and Letters**M. Gotcher (Chair), Boyd, Dyer, S. Gotcher, Jones, E. Kanervo, Moseley, Pallen, Parcels, Prather, von Palko, Wesner, and Zhang**Location: Music/Mass Communication, 173**Phone: 931-221-7378**Website: [www.apsu.edu/comm\\_thea/](http://www.apsu.edu/comm_thea/)***COMMUNICATION ARTS MAJOR:**

Four 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, Media Technologies, Print and Web Journalism, Public Relations and Theatre (Design or Performance). All students majoring in the department must complete the following courses in the general education core: COMM 1010, COMM 1030 and THEA 3000. A departmental capstone course, COMM 4010, Communication Theory, is required of all majors and minors.

The PR concentration is accredited by the Public Relations Society of America (PRSA).

**Exit Exam Requirement:** All graduating seniors must take a departmental exit exam before the end of their last semester at APSU.

**Special Note To Transfer Students:** Transfer students majoring or minoring in Communication Arts may apply, Communication or Theatre courses taken at other universities to the major or minor only if they received a grade of "C" or higher. Transfer students majoring or minoring in Communication Arts must take at least 25 percent of their major or minor course work from APSU.

## MASS COMMUNICATION CONCENTRATION

Select a specialization from:

### Broadcast Media (36 Hours)

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.

Requirements: COMM 1200, 2000, 2100, 3350, 3450, 3550, 3760, 4010, 4600, 4650; select six hours from COMM 309A, 4310, 4350, 4550, 4760.

### SUGGESTED PROGRAM OF STUDY

<b>Freshman Year</b>	<b>Cr.</b>	<b>Sophomore Year</b>	<b>Cr.</b>
ENGL 1010	3	ENGL 2030	3
ENGL 1020	3	THEA 3000	3
COMM 1030	3	MATH	6
COMM 1200	3	COMM 3450	3
COMM 2000	3	COMM 3550	3
COMM 2100	3	COMM 3760	3
COMM 2150	1	PHIL 1030	3
COMM 3350	3	PHED	1
PSCI 2040	3	Science Core	4
Minor Course	3	COMM 1010	3
Science Core	4		
PHED	1		
	<b>Total Hours</b>	<b>33</b>	<b>Total Hours</b>
			<b>32</b>
<b>Junior Year</b>	<b>Cr.</b>	<b>Senior Year</b>	<b>Cr.</b>
COMM 3350	3	COMM 4310	3
COMM 4010	3	COMM 4350	3
COMM 4650	3	COMM 4550	3
COMM 4600	3	COMM 4760	3
COMM 4750	3	COMM 4020	3
HIS 2010	3	Minor	9
HIS 2020	3	General Elective	3
Minor Course	6	Social Science	3
General Elective	3	ART or MUS	3
	<b>Total Hours</b>	<b>30</b>	<b>Total Hours</b>
			<b>33</b>



**Corporate Communication (36 Hours)**

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

**Requirements:** COMM 1200, 2400, 3010, 3100, 3320, 3400, 3800, 3910, 4010, 4020, 4650, 490A, B, C.

**SUGGESTED PROGRAM OF STUDY**

<b>Freshman Year</b>	<b>Cr.</b>	<b>Sophomore Year</b>	<b>Cr.</b>
ENGL 1010	3	ENGL 2030	3
ENGL 1020	3	COMM 2400	3
COMM 1010	3	Math	6
PSY 1010	3	COMM 3100	3
COMM 1030	3	COMM 3800	3
COMM 1200	3	COMM 3010	3
Science	8	THEA 3000	3
PSCI 2040	3	General Electives	3
PHED	2	Minor Course	3
ART or MUS	3		
<b>Total Hours</b>	<b>34</b>	<b>Total Hours</b>	<b>30</b>
<b>Junior Year</b>	<b>Cr.</b>	<b>Senior Year</b>	<b>Cr.</b>
COMM 3400	3	General Elective	3
COMM 3910	3	COMM 4650	3
COMM 3320	3	COMM 4010	3
COMM 426A	1	COMM 426B	1
HIS 2010	3	COMM 490A	3
HIS 2020	3	COMM 4020	3
Major Elective	3	Minor Course	6
Minor Course	9	General Elective	12
General Elective	3		
<b>Total Hours</b>	<b>31</b>	<b>Total Hours</b>	<b>34</b>

Academic Programs With Course Descriptions

**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 Producers and Web Designer.

**Requirements:** COMM 1200, 2720, 3720, 3730, 4010, 4650, 4730: Plus one of the following sequences (15 Hours):

1. **Information Design.** ART 1010, 1070, ART 2090, 2520, or 3080, COMM 4720.
2. **Electronic Commerce.** COMM 2400, 3010, 3800, GB 3010, 3020.
3. **Web Promotion & Publicity.** COMM 2400, 3010, 3100, 3910, 4720.
4. **Web Design Programming.** CSCI 1010, 2010, 2070, 3005, COMM 4720.
5. **Web Network Administration.** CSCI 1010, 2010, 3700, 4100, 4400.

## SUGGESTED PROGRAM OF STUDY

Freshman Year		Cr.	Sophomore Year		Cr.
ENGL 1010		3	ENGL 2030		3
ENGL 1020		3	COMM 2720		3
COMM 1010		3	Math		6
PSY 1010		3	COMM 3720		3
COMM 1030		3	THEA 3000		3
COMM 1200		3	Major Elective		9
Science		8	General Elective		3
PSCI 2040		3			
PHED		2			
ART 1030 or MUS 1030		3			
<b>Total Hours</b>		<b>34</b>	<b>Total Hours</b>		<b>30</b>
Junior Year		Cr.	Senior Year		Cr.
COMM 3400		3	General Elective		9
COMM 3730		3	COMM 4650		3
General Elective		3	COMM 4010		3
COMM 426A		1	COMM 426B		1
HIS 2010		3	COMM 490A		3
HIS 2020		3	COMM 4730		3
Major Elective		6	Minor Course		6
Minor Course		9	Major Elective		6
<b>Total Hours</b>		<b>31</b>	<b>Total Hours</b>		<b>34</b>

**Print and Web Journalism (36 Hours)**

Print journalism majors develop skills for careers at newspapers, book and magazine publishing companies as well as a variety of web related careers.

**Requirements:** COMM 1200, 2000, 300ABC, 3100, 3200, 3400, 3720, 4010, 4150, 4650, 4720; select three hours from: COMM 309C, 4400, 4450, 4600, 470ABC, 480ABC, and 490ABC.

**NOTE:** Students choosing this sequence must also take three hours from PSCI 2010, 2040 or 2070 as part of their General Education Core.

## SUGGESTED PROGRAM OF STUDY

Freshman Year		Cr.	Sophomore Year		Cr.
ENGL 1010		3	ENGL 2030		3
COMM 1010		3	THEA 3000		3
MINOR COURSE		3	MATH		3
COMM 1200		3	COMM 300A		1
PSCI 2040		3	SOC SCIENCE		3
ENGL 1020		3	PHED		1
COMM 1030		3	PHIL 1030		3
COMM 2000		3	MATH CORE		3
GENERAL ELECTIVE		3	COMPUTER CORE		3
ART OR MUS		3	SCIENCE CORE		4
PHED		1	COMM 3100		3

COMM 300B	1
COMM 300B	1

**Total Hours 31** **Total Hours 32**

<b>Junior Year</b>	<b>Cr.</b>	<b>Senior Year</b>	<b>Cr.</b>
COMM 3400	3	MINOR COURSE	9
COMM 3720	3	COMM 4150	3
HIS 2020	3	COMM 4010	3
SCIENCE CORE	4	COMM 4550	3
ELECTIVE	6	COMM 4730	3
HIS 2010	3	COMM 4450	3
COMM 300C	1	GENERAL ELECTIVE	6
COMM 3200	3	Major Elective	3
COMM 4400	3		
MINOR COURSE	6		

**Total Hours 35** **Total Hours 33**

**Media Technologies (36 Hours)**

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.

**Requirements:** COMM 1200, 2100, 3720, 3760, 3950, 4010, 4650; select 15 hours from: COMM 2400, 309D, 3450, 3600, 3800, 3900, 4150, 4250, 4310, 4600, 4720, 4850, 4960, 4970; THEA 1300, 2300, 3350, 335L, 3700, 4300, 4650.

**SUGGESTED PROGRAM OF STUDY**

<b>Freshman Year</b>	<b>Cr.</b>	<b>Sophomore Year</b>	<b>Cr.</b>
ENGL 1010	3	ENGL 2030	3
COMM 2100	3	THEA 3000	3
COMM 2150	1	MATH	6
COMM 1200	3	COMM 3800	3
PSCI 2040	3	SOC SCIENCE	3
MINOR COURSE	3	PHED	1
ENGL 1020	3	PHIL 1030	3
COMM 1030	3	COMPUTER CORE	3
COMM 2400	3	SCIENCE CORE	4
GENERAL ELECTIVE	3	COMM 1010	3
ART OR MUS	3		
PHED	1		

**Total Hours 32** **Total Hours 32**

Junior Year	Cr.	Senior Year	Cr.
COMM 4650	3	MINOR COURSE	9
COMM 3760	3	COMM 3950	3
MAJOR ELECTIVE	3	COMM 4010	3
SCIENCE CORE	4	COMM 4850	3
HIS 2010	3	COMM 4970	3
COMM 3450	3	COMM 4600	3
COMM 3720	3	GENERAL ELECTIVE	6
MINOR COURSE	6		
HIS 2020	3		
GENERAL ELECTIVE	3		
<b>Total Hours</b>	<b>34</b>	<b>Total Hours</b>	<b>30</b>

### PUBLIC RELATIONS CONCENTRATION (37 Hours)

Public Relations majors are prepared for careers in agencies, corporations, political campaigns, and in a variety of organizational communication settings.

**Requirements:** COMM 1200, 1400, 2000, 3100, 3400, 3450, 3910, 4010, 425ABC, 4650, 4810, 4910, 490ABC

### SUGGESTED PROGRAM OF STUDY

Freshman Year	Cr.	Sophomore Year	Cr.
ENGL 1010	3	ENGL 2030	3
COMM 1010	3	COMM 2000	3
PSY 1010	3	MATH	6
SCIENCE	8	MINOR ELECTIVE	3
PSCI 2040	3	THEA 3000	3
PHED	2	COMM 3100	3
ENGL 1020	3	COMM 3450	3
COMM 1030	3	MAJOR ELECTIVE	3
COMM 1200	3	*ENGL 1100	3
ART 1030 OR MUS 1030	3		
<b>Total Hours</b>	<b>34</b>	<b>Total Hours</b>	<b>30</b>

Junior Year	Cr.	Senior Year	Cr.
COMM 3400	3	COMM 4910	3
COMM 3910	3	COMM 4650	3
COMM 4010	3	ENGL 3600	3
*ENGL 3500	3	*COMM 4150	3
HIS 2010	3	COMM 426B	1
COMM 4810	3	GENERAL ELECTIVE	9
COMM 426A	1	COMM 490A	3
**COMM 3320	3	*ENGL 3200	3
*ENGL 3510	3	*ENGL 3700	3
HIS 2020	3	**COMM 490B	3
GENERAL ELECTIVE	3		
<b>Total Hours</b>	<b>31</b>	<b>Total Hours</b>	<b>31</b>

**THEATRE EDUCATION CONCENTRATION**

Select a specialization from:

**Communication Education (36 Hours)**

**Requirements:** COMM 1200, 2000, 2030, 2100, 2310, 3100, 3320, 3350, 3760, 4010, and 4650; select three hours (with advisor approval) from COMM 2400, 300ABC, 3200, 3350, 3600, 3720, 4310, 4550, 4760, and 4960; THEA 2010.

Students seeking licensure in communication must complete the Professional Education minor. Student teaching is required. Note: Students seeking this specialization must take COMM 1030 as part of the General Education core.

**Interdisciplinary Specialization in Communication and Theatre (54 hours)**

**Requirements:** COMM 1200, 2000, 2030, 2100, 2310, 3320, 3350, 3600, 3760, 4010; THEA 1300, 1600, 2010, 3010, 3020, 3400, 3450; select three upper division hours in COMM or THEA.

Students seeking licensure must complete the Professional Education minor. Student teaching is required. Note: Students seeking this specialization must take COMM 1030 as part of the General Education core.

**Theatre Education (36 Hours)**

**Requirements:** COMM 1200, 4010; THEA 1300, 1600, 3010, 3020, 3400, 3450, and 3700; select nine hours from COMM 3600, 4960; THEA 1610, 2300, 3080, 3090, 3250, 3350, 335L, 380A-H, 388A-D, 3890, 4000, 4300, 4650, 4900, or 4950.

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

**THEATRE CONCENTRATION (33 Hours)**

Select a specialization from:

**Theatre Design (33 Hours)**

**Requirements:** COMM 1200, 4010; THEA 1300, 1600, 1610, 3010, 3020, 3700; select 9 hours from: THEA 3080, 3090, 3400, 380A-H, 3890, 4000, 4300, 4400, 4500, 460A or B, 4950, or COMM 4960.

**SUGGESTED PROGRAM OF STUDY**

<b>Freshman Year</b>	<b>Cr.</b>	<b>Sophomore Year</b>	<b>Cr.</b>
ENGL 1010	3	ENGL 2030	3
ENGL 1020	3	THEA 3010	3
THEA 1030	3	THEA 3020	3
THEA 1300	3	PHIL 1030	3
THEA 1600	3	THEA 3700	3
THEA 380A	2	PHED	1
THEA 1610	3	Math	6
COMM 1200	3	Computer Core	3
General Elective	3	Science Core	3
Minor Course	3	Social Science	3
PHED	1		
<b>Total Hours</b>	<b>30</b>	<b>Total Hours</b>	<b>32</b>

Academic Programs With Course Descriptions

Junior Year	Cr.	Senior Year	Cr.
THEA 3890	3	THEA 3080	3
THEA 4300	3	THEA 3090	3
PSY 2210	3	THEA 380B	2
HIST 2010	3	THEA 4000	3
HIST 2020	3	THEA 4400	3
MUS/ART	3	THEA 4550	3
Science Core	4	COMM 4010	3
Minor Course	12	Minor Course	3
General Elective	3	General Elective	6
<b>Total Hours</b>	<b>37</b>	<b>Total Hours</b>	<b>29</b>

**Theatre Performance (33 Hours)**

Requirements: COMM 1200, 4010; THEA 1300, 1600, 3010, 3020, and 3400; select 12 hours from: THEA 2300, 3080, 3090, 3250, 3350, 335L, 3300, 3450, 388-A-D, 4500, 4900, 4950, or COMM 4960.

**SUGGESTED PROGRAM OF STUDY**

Freshman Year	Cr.	Sophomore Year	Cr.
ENGL 1010	3	ENGL 2030	3
ENGL 1020	3	THEA 3010	3
THEA 1030	3	THEA 3020	3
THEA 1300	3	THEA 3450	3
THEA 1600	3	PHIL 1030	3
THEA 2300	3	PHED	1
THEA 388A	2	Math	6
PHED	1	Social Science	3
COMM 1200	3	Computer Core	3
Minor Course	3	Science Core	4
General Elective	3		
<b>Total Hours</b>	<b>30</b>	<b>Total Hours</b>	<b>32</b>

Junior Year	Cr.	Senior Year	Cr.
THEA 4900	3	THEA 3080	3
THEA 3400	3	THEA 3090	3
PSY 2210	3	THEA 3300	3
HIST 2020	3	THEA 388B	2
HIST 2010	3	THEA 4550	3
General Elective	3	THEA 4650	3
Science Core	4	COMM 4010	3
Minor Courses	12	MUS/ART	3
		General Elective	6
<b>Total Hours</b>	<b>34</b>	<b>Total Hours</b>	<b>32</b>

**COMMUNICATION ARTS MINOR (21 Hours)**

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

**JOURNALISM MINOR (24 Hours)**

COMM 1200, 2000, 3200, 4150; 4650 select 12 hours from: COMM 1400, 300A,B,C, 3100, 3400, 4400, 4450, 4600, 490A, B, C; ART 3140; LING 4040

**COURSE DESCRIPTIONS****COMM 1010 Fundamentals of Public Speaking (3)**

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)**

Designed to introduce the student to the mass media. Course explores media as institutions in American society.

**COMM 1400 Introduction to Public Relations (3)**

History, function, and practice of public relations with emphasis on persuasion, public opinion, mass media and their application to public relations.

**COMM 2000 News Reporting (3)**

News gathering methods and the newspaper style book, with emphasis on exercises in writing all types of news stories.

**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, its use and function. Significant student time is required outside of regular class sessions.

**COMM 2150 Broadcast Regulation and Practice (1)**

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.

**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)**

*Prerequisite: 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)**

This course provides students with an orientation to the Internet as an everyday communication tool, medium impacting society, and high technology communication industry.

**COMM 300A, B, C Laboratory (1 each)**

Prerequisite: COMM 2000

Practical experience in routine reporting, investigative reporting, or newspaper design. Grading in this course will be pass/fail.

**COMM 3010 Integrated Corporate Communication (3)**

*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 & 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*

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 Copy Editing (3)**

*Prerequisite: COMM 2000*

Instruction and practice in editing newspaper stories for style, meaning, and accuracy, in writing headlines, and in designing newspaper pages.

**COMM 3320 Business And Professional Communication (3)**

*Prerequisites: COMM 1010, 2030 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)**

*Prerequisites: COMM 1200, COMM 2100, 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)**

*Prerequisites: 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)**

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.*

*Keyboarding skill required.*

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, sound effects in a broadcast studio setting.

**COMM 3600 Radio Theatre Workshop (3)***Prerequisites: COMM 3550 or THEA 1300, 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 3710 Corporate Media Scriptwriting (3)**

Practical experience in creating scripts specifically tailored to corporate media/multimedia presentations.

**COMM 3720 Authoring Web Pages (3)***Prerequisite: 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 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)**

Students learn the principles of advertising and the role of advertising communication in society and in organizations; 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)**

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.

**COMM 3900 Motion Picture Production Workshop (4)***Prerequisites: COMM 2100, COMM 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, 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 production (12-14 shows per semester). Only 1 course per term. This course cannot be substituted for required courses or electives in the concentration. Pass/fail.

### **COMM 4010 Communication Theory (3)**

*Prerequisites: COMM 1010, COMM 1200, THEA 3000 and Junior status*

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)**

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 4150 Feature Writing (3)**

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 1 course per term. This course cannot be substituted for required courses or electives in the concentration. Pass/Fail.

### **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. Pass/fail.

### **COMM 426 A-H Communication Practicum (1)**

*Prerequisites: 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. Pass/fail.

**COMM 4310 Documentary Production (4)**

*Prerequisites: COMM 3760, COMM 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 shall be required for academic credit. Only 1 course per term. This course cannot be substituted for required courses or electives in the concentration. Pass/fail.

**COMM 4350 Broadcast Management (3)**

*Prerequisite: COMM 1200*

Fundamentals of all aspects of programming: news, sports, drama, entertainment, and education; writing of scripts, directing and editing of programs for the electronic media.

**COMM 4400 Politics and Mass Media (3) (Same as PSCI 4400)**

Media's role in U.S. politics; influence of mass media on political opinions, on elections, on political participants, and on public policy; and how political participants help shape the messages sent out by mass media.

**COMM 4410 Conflict Resolution and Negotiation (3)**

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, explore the role communication plays in creating social reality; and focus 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; discussion of research into the influence of these portrayals on audience attitudes.

**COMM 4470 Race, Gender, and Mass Media (3)**

*Prerequisite: Junior Status*

Examination of current and historical portrayals of ethnic minorities and men and women in media news, entertainment, and advertising; discussion of research into the influence of these portrayals on audience attitudes.

**COMM 4510 Communication and Public Opinion (3)**

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 3500, 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)**

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)**

*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 process, including all aspects of magazine production (on-line processes, layout, editing, desktop publishing, darkroom techniques, photography, and printing).. Pass/Fail.

**COMM 4720 Advanced Web Pages (3)**

*Prerequisites:* COMM 4100 and Junior status

In this advanced course, web pages will be critiqued, examined, and created. Students will analyze the social effects of the web as it impacts commerce, education, social interactions, and social decision-making. Student will create web pages using HTML, Dynamic HTML, JAVA script, CGI script, and streaming video.

**COMM 4730 Internet Content Management (3)**

*Prerequisites:* COMM 1400, COMM 4100

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 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 and 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)**

*Prerequisite: 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.

**COMM 4910 Public Relations Campaign (3)**

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 4960 Film Scriptwriting (3)**

*Prerequisites: ENGL 1020, COMM 1200, Junior Status*

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 student will receive extensive practice by writing scripts for both dramatic and comedic story lines in the 30 minute, 60 minute, and 2 hour formats.

**THEATRE****THEA 1030 Introduction to Theatre (3)**

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. 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)**

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 work and laboratory work, consisting of practical application of classroom learned techniques in the scene and costume shop, and on production crews.

**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.

**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, THEA 1030*

Analysis of styles and techniques in acting. Improvisation, movement, and voice will be developed as a means of character development.

**THEA 3000 American Theatre (3)**

History of American theatre with emphasis on changing systems of value as reflected by the drama.

**THEA 3010 Theatre: Chronicle And Concept I (3)**

*Prerequisites: THEA 1030, THEA 3000*

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 3020*

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 status 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 status 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.

**THEA 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.

**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 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 3700 Scenic Design (3)**

*Prerequisites: THEA 1600, THEA 1030*

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 1 course per term. This course cannot be substituted for required courses or electives in the concentration. Pass/Fail.



**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 1 course per term. This course cannot be substituted for required courses or electives in the concentration. Pass/Fail.

**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 as well as by machine.

**THEA 4000 Make-up Design (3)**

This is a hands on course that explores design and application techniques of two and three dimensional theatrical make-up.

**THEA 420A, B, C Independent Research (1 each)**

*Prerequisite: 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.

**THEA 4550 Roy Acuff Chair Seminar (4)**

*Prerequisites: THEA 1600 and THEA 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 460A, B, C Special Topics in Technical Theatre (3 each)**

*Prerequisites: THEA 1030, 1600 or permission of instructor*

460A: Examines the theory and practice of stage management. Course work includes an examination of historical and contemporary practice through research and application.

460B: Examines the theory and practice of sound and property construction as well as the acquisition and management of inventories. Emphasis is placed upon historical research and laboratory exercises.

**THEA 4650 Direction and Performance for the Camera (3)**

*Prerequisites: Junior status 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 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 (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.

## COMPUTER SCIENCE AND INFORMATION SYSTEMS (B.S.)

*Department of Computer Science and Information Technology*

*College of Science and Mathematics*

*Myers (Chair), Adams, Bateman, Li, Smithfield, Vandergriff*

*Location: Claxton 304*

*Phone: 931-221-7833*

*Website: [www.apsu.edu/mathcsci/cs/COMPDEPT.HTM](http://www.apsu.edu/mathcsci/cs/COMPDEPT.HTM)*

A major in Computer Science and Information Systems with concentrations in Computer Science and in Information Systems is offered. The Computer Science concentration is provided for those who plan to work in one of the many technical areas of computing and for those who will pursue graduate study in computer science. The Information Systems concentration is intended for those who plan to work in some area of computing applications in the business field. The Database Administration concentration trains students in the design, implementation, and administration of databases, including those accessed by Web applications. The Internet and Web Technology concentration trains students in the administration and development of Internet and intranet sites and other applications of interactive multimedia.

### MAJOR WITH COMPUTER SCIENCE CONCENTRATION:

1010, 2010, 3110, 3250, 3400, 3410, 4100, 4230, 4800; select one from: 2060, 2070, or 2080; select one from: 3500, 4350, 4400, 4450, 4500, 4550, 4600, or 4700.

Prerequisites and/or co-requisites not otherwise included in number of hours for this program: MATH 1910, 1920, 3000, 3450, 4670.

### SUGGESTED PROGRAM OF STUDY

Listed below is a possible schedule of courses for the Computer Science concentration with a Mathematics minor. Through proper choice of electives, it could include Mathematics major or a minor in another area. Each student should consult with an advisor when preparing a schedule.

Freshman Year	Cr.	Sophomore Year	Cr.
CSCI 1010, 2010	6	CSCI 2080, 3110	6
MATH 1910, 1920	10	MATH 2110, 3000	6
ENGL 1010, 1020	6	Health and Personal Development core *	3
Science core*	8	HIST 2010, 2020	6
PHED, Band, or ROTC	2	Art/Music/Theatre*	6
		Communications core*	3
		ENGL 2030, 20xx level course	6
<b>Total Hours</b>	<b>32</b>	<b>Total Hours</b>	<b>36</b>

Academic Programs With Course Descriptions

Junior Year	Cr.	Senior Year	Cr.
CSCI 3250, 3400, 3410	9	CSCI 4230, 4800	4
CSCI 4100	3	MATH 4670	3
MATH 3450	3	CSCI Elective	3
Social Science core*	6	Electives	20
Electives	9		
<b>Total Hours</b>	<b>30</b>	<b>Total Hours</b>	<b>30</b>

\*Refer to Liberal Arts core requirements.

**MAJOR WITH INFORMATION SYSTEMS CONCENTRATION:**

1010, 2010, 2060, 3020, 3320, 3400, 3700, 4100, 4400, 4800; MATH 1530; select one from MATH 1810-1820 or MATH 1910-1920; select one from AOM 2300, ENGL 1100. Minor in general business is suggested.

**SUGGESTED PROGRAM OF STUDY**

Listed below is a possible schedule of courses for the Information Systems concentration with a minor in General Business. The student could elect a minor in another area. Each student should consult with an advisor when preparing a schedule.

Freshman Year	Cr.	Sophomore Year	Cr.
CSCI 1010, 2010	6	CSCI 3400, 2060	6
MATH 1810, 1820	6	ECON 2010	3
ENGL 1010, 1020	6	Health and Personal Development core*	3
Science core*	8	HIST 2010, 2020	6
PHED, Band, or ROTC	2	Art/Music/Theatre*	6
COMM 1010	3	ACCT 2010	3
		ENGL 2030, 20xx level course	6
<b>Total Hours</b>	<b>31</b>	<b>Total Hours</b>	<b>33</b>

Junior Year	Cr.	Senior Year	Cr.
CSCI 3020,3320	6	CSCI 4100	3
CSCI 4400	3	CSCI 3700	3
MATH 1530	3	CSCI 4800	1
ENGL 1100	3	FIN 3010, MGT 3610, or MKT 3210	3
BLAW 3300, MGT 3010, MKT 3010	9	Social Science Core*	3
Electives**	9	Electives**	18
<b>Total Hours</b>	<b>33</b>	<b>Total Hours</b>	<b>31</b>

\*\*Refer to Liberal Arts core requirements.

\*\*17 hours of electives must be at the junior-senior level

**MAJOR WITH DATABASE ADMINISTRATION CONCENTRATION**

1005, 1015, 3000, 3300, 3320, 3700, 4400, 4800, 4940, GB 3010; select one from 4410, 4420, or 4430; select one from 4600 or 4650.

**SUGGESTED PROGRAM OF STUDY**

Listed below is a possible schedule of courses for the Database Administration concentration with a minor in General Business. The student could elect a minor in another area. Each student should consult with an advisor when preparing a schedule.

<b>Freshman Year</b>		<b>Cr.</b>	<b>Sophomore Year</b>		<b>Cr.</b>
CSCI 1005,1015		6	CSCI 3300,3700		6
MATH core*		6	ECON 2010		3
ENGL 1010, 1020		6	Health and Personal Development core *		3
Science core*		8	HIST 2010, 2020		6
PHED, Band, or ROTC		2	Art/Music/Theatre*		6
COMM 1010		3	ACCT 2010		3
			ENGL 2030, 20xx level course		6
<b>Total Hours</b>		<b>31</b>	<b>Total Hours</b>		<b>33</b>
<b>Junior Year</b>		<b>Cr.</b>	<b>Senior Year</b>		<b>Cr.</b>
CSCI 3000,3320		6	CSCI 4400		3
CSCI 4610 or 4650		3	CSCI 4410 or 4420 or 4430		3
GB 3010		3	CSCI 4800, 4940		4
BLAW 3300, MGT 3010, MKT 3010		9	FIN3010, MGT 3610, or MKT 3210		3
Social Science Core*		3	Social Science Core*		3
Electives**		9	Electives**		15
<b>Total Hours</b>		<b>33</b>	<b>Total Hours</b>		<b>31</b>

\*\*Refer to Liberal Arts core requirements.  
 \*\*8 hours of electives must be at the junior-senior level

**MAJOR WITH INTERNET AND WEB TECHNOLOGY CONCENTRATION**

1005, 1015, 3300, 3320, 3700, 4000, 4050, 4400, 4630, 4800, 4940; select one from 4390 or 4650.

**SUGGESTED PROGRAM OF STUDY**

Listed below is a possible schedule of courses for the Internet and Web Technology concentration with a minor in General Business. The student could elect a minor in another area. Each student should consult with an advisor when preparing a schedule.

<b>Freshman Year</b>		<b>Cr.</b>	<b>Sophomore Year</b>		<b>Cr.</b>
CSCI 1005,1015		6	CSCI 3300,3700		6
MATH core*		6	ECON 2010		3
ENGL 1010, 1020		6	Health and Personal Development core *		3
Science core*		8	HIST 2010, 2020		6
PHED, Band, or ROTC		2	Art/Music/Theatre*		6
COMM 1010		3	ACCT 2010		3
			ENGL 2030, 20xx level course		6
<b>Total Hours</b>		<b>31</b>	<b>Total Hours</b>		<b>33</b>

Junior Year	Cr.	Senior Year	Cr.
CSCI 4000,4050	6	CSCI 4400	3
CSCI 4650 or 4930	3	CSCI 4630	3
CSCI 3320	3	CSCI 4800, 4940	4
Social Science Core*	3	FIN3010, MGT 3610, or MKT 3210	3
BLAW 3300, MGT 3010, MKT 3010	9	Social Science Core*	3
Electives**	9	Electives**	14
<b>Total Hours</b>	<b>33</b>	<b>Total Hours</b>	<b>31</b>

\*\*Refer to Liberal Arts core requirements.

\*\*8 hours of electives must be at the junior-senior level

### MINOR IN COMPUTER SCIENCE (18 Hours):

1010, 2010, 3400; select one from: 2060, 2070, 2080; six hours of computer science courses numbered 3000 or greater. Prerequisites and/or co-requisites not otherwise included in number of hours for this program: MATH 1110- 1120, 1720, 1810, or 1910.

## COURSE DESCRIPTIONS

### CSCI 1000 Introduction to Computer Science (3)

*Prerequisite: DSPM 0800 or an equivalent proficiency in mathematics.*

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)

This course covers functions and architecture of computer hardware and operating systems software; coverage of hardware and operating systems functions, installation, and configuration; extensive hands-on experience in computer set-up, software installation, operation and maintenance. An introduction to some programming and programming concepts are included. Three hours per week.

### CSCI 1010 Introduction to Programming I (3)

*Prerequisite: DSPM 0850 or an equivalent proficiency in mathematics*

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 Visual Basic or 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 1420 Administering Microsoft Windows NT (1.5)**

*Prerequisite: Permission of instructor*

Knowledge and skills to perform post-installation and day-to-day administration tasks in a single-domain or multiple-domain Windows NT based network.

**CSCI 1430 Supporting Microsoft Windows NT Core Technologies (3)**

*Prerequisite: Permission of instructor*

Provide support professionals with the skills necessary to install, configure, customize, optimize, network, integrate, and troubleshoot Windows NT.

**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*

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*

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 2080 Programming in Selected Languages II (3)**

*Prerequisite: CSCI 1010*

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*

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 2010*

An introduction to object-oriented programming using the C++ language. Topics include C++ classes, encapsulation, inheritance, polymorphism, templates, container classes, object-oriented design, and the use of class libraries.

**CSCI 3020 File Processing (3)**

*Prerequisites: CSCI 2010, CSCI 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 3110 Computer Systems (3)**

*Prerequisite: CSCI 2010*

Topics include elementary assembler language programming, addressing techniques, indexing, calling of assembly language routines from high-level languages, object libraries, macros, macro libraries, bit-manipulation instructions, file input/output procedures, program segmentation and linkage.

**CSCI 3250 Data Structures and Algorithm Analysis (3)**

*Prerequisite: CSCI 2010*

Advanced data structures and their computer implementation. Binary trees, general trees, graphs, sorting algorithms, merging algorithms, hash codes, hash tables, file and memory allocation procedures.

**CSCI 3300 Introduction to Web Development (3)**

*Prerequisite: CSCI 1015*

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 3320 Systems Analysis and Design (3)**

*Prerequisites: CSCI 3020 and junior standing*

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 3400 Computer Organization I (3)**

*Prerequisite: CSCI 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 level.



**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 3700 Data Communications and Networking (3)***Prerequisite: CSCI 2010*

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 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, multi processing, processor management, networking, performance monitoring, and computer system security.

**CSCI 4160 Advanced Technologies (3)***Prerequisite: CSCI 4000*

This is an advanced course in interactive web programming, emphasizing techniques of graphical programming using new techniques. Currently, the JAVA development environment and the object-oriented nature of JAVA are reviewed. The student will learn

the use of advanced JAVA1/O techniques, including exception handling, URL streams, threads, image processing, and client/server programming. Various applet examples are completed as lab exercises. A student web project will be completed as part of the course. Three hours per week.

### **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 Principles of Database Management (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 2010*

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, discussion of sample databases such as DBASE, RDB, and SQL.

### **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.

**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, robotics.

**CSCI 4500 Introduction to Computer Networks (3)**

*Prerequisite:* CSCI 4100

Computer network concepts and their applications in example networks. A study of the layers of the Open Systems Interconnection (OSI) reference model. Particular attention will be given to applications using available on-campus networks.

**CSCI 4550 Computer Graphics (3)**

*Prerequisites:* CSCI 2010 and either 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 4610 Advanced Visual BASIC Programming (3)**

*Prerequisite:* CSCI 3310 or CSCI 4420 or CSCI 4430

This course introduces advanced Visual Basic controls and programming techniques that are used in developing high-level windows applications. Topics that will be covered include advanced database handling; data validation routines; error handling procedures; keyboard events; developing menus, toolbars, and status bars; drag and drop events; graphics and animation handling; ActiveX controls dynamic link libraries (DLL); object linking and embedding (OLE); object oriented (OO) techniques. Three hours per week.

**CSCI 4630 Web Server Administration**

*Prerequisite:* CSCI 4300

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 Active Server Pages (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 Web sites. Three hours per week.

### **CSCI 4700 Symbolic Logic for Mathematics and Computer Science (3)**

*Prerequisites: MATH 1920 or MATH 1820, and CSCI 2010*

Logics used in mathematics and computer science. Propositional calculus, predicate calculus, model theory, and logics applicable to computer programming and computer languages.

### **CSCI 4800 Computer Science and Information Systems Seminar (1)**

*Prerequisite: 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.

### **CSCI 4940 Internship in Information Technology (3)**

*Prerequisite: Completion of the IT core and Graduating Year*

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.

## **CRIMINAL JUSTICE CONCENTRATION**

See Public Management, page 360.



## DEVELOPMENTAL STUDIES PROGRAM

### *Extended and Distance Education*

*S. Groppe (Director), A. Christian, D.A. Cochener, M. Gildrie, L. Griffy, K. Haralson, B. Hodge, P. Perdew, J. Preston-Sabin, J. Sanders*

*Location: Clement 103*

*Phone: 931-221-7607*

*Website: [www.apsu.edu/dsp\\_page](http://www.apsu.edu/dsp_page)*

The Developmental Studies Program (DSP) is designed to help students improve learning skills necessary for college success. Developmental courses in grammar, writing, mathematics, reading, and study skills are structured to meet the needs of each student. Developmental studies courses award college credit and generate three/ five credit hours for each semester, but they do not apply toward minimum requirements for graduation, Honors, or Dean's List.

ACT scores, ACT profile, high school grades, and the university assessment tests are used to determine a student's needs (see page 39) for admission policy regarding assessment). Certain entering students will be required to take developmental studies courses based on the results of the placement tests.

Courses are offered in four academic areas to help students develop essential skills and learning necessary for success in college-level courses.

**NOTE:** Students must take the state-mandated placement test or have recent ACT scores before registering for Developmental Studies courses. The state mandated placement test may be re-taken as many times as a student chooses. There is a fee associated with this exam.

### Tennessee Board of Regents Policies and Procedures for Developmental Studies Courses:

1. Students must enroll in required remedial and developmental courses each term of enrollment until completion of all required courses.
2. Students cannot withdraw from remedial or developmental courses without extenuating circumstances. Permission is required from the program director.
3. Class attendance is mandatory and monitoring of class attendance is on-going.
4. Grades assigned in remedial and developmental course are: "A", "B", "C", "F", "FA", "FN", "W".
5. Students enrolled in any remedial or developmental course must be advised by an advisor designated by the Developmental Studies Program.

## COURSE DESCRIPTIONS

### DEVELOPMENTAL STUDIES

Developmental Studies courses award college credit, but do not count toward minimum degree requirements.

*NOTE: Students in DSPR 0700 or 0800 should avoid enrolling in reading intensive courses.*

#### **DSPM 0700 Basic Mathematics: Arithmetic (3)**

Course renumbered from MATH 0710

Provides basic instruction in arithmetic topics including: whole numbers, fractions, decimals, percent, and measurement. Also includes introductory prealgebra topics: study skills,

integers, linear equations in one variable, algebraic expressions, word problems, and rectangular coordinate system.

**NOTE:** Developmental Studies 0700 courses are taught by Nashville State Community College through Austin Peay State University.

### **DSPM 0800 Elementary Algebra (3)**

Course renumbered from MATH 0820

Designed to provide students the necessary skills to be successful in Intermediate Algebra.

Main topics include: operations with polynomials, real number system, operations with real numbers, linear equations and inequalities, factoring polynomials, and rational expressions and equations. A Texas Instrument graphics calculator is used.

### **DSPM 0850 Intermediate Algebra (3)**

Course renumbered from MATH 0830

Designed to provide students the necessary skills to be successful in college level

mathematics. Main topics include: roots, radicals, and complex numbers, graphs, relations and functions, quadratic equations and inequalities, and systems of linear equations. A Texas Instrument graphics calculator is used.

### **DSPM 0880 Algebra (5)**

Combines DSPM 0800 and DSPM 0850.

See previous descriptions of these two courses.

### **DSPR 0700 Basic Reading (3)**

Course renumbered from EDUC 0710

Intended to eliminate deficiencies in basic reading skills, Focuses on vocabulary, dictionary use, and literal and inferential reading skills.

**NOTE:** Developmental Studies 0700 courses are taught by Nashville State Community College through Austin Peay State University.

### **DSPR 0800 Developmental Reading: College Reading Skills (3)**

Course renumbered from EDUC 0820

Uses text selections and other readings to develop skills in literal, inferential, critical, and study reading as well as introduces the use of reference materials.

**NOTE:** Students enrolled in DSPW 0700 or 0800 may not enroll in reading and/or writing intensive courses.

### **DSPS 0800 Learning Strategies (3)**

Course renumbered from PSY 0820

Focuses on the improvement of skills and attitudes necessary for college success. Group activities encourage development in problem solving, coping with stress, and understanding University policies. Activities also aid the improvement of self-esteem and in the explorations of career goals.

**DSPW 0700 Basic Writing (3)**

Course renumbered from ENG 0710

Intended to eliminate deficiencies in basic writing skills for minimum proficiency. Focuses on spelling, mechanics, grammar, and usage in the context of sentences and paragraphs.

**NOTE:** Developmental Studies 0700 courses are taught by Nashville State Community College through Austin Peay State University.

**DSPW 0800 Developmental Writing: Introduction to Expository Writing (3)**

Course renumbered from ENG 0820

Acquaints students with the writing process, presents a review of usage and mechanics, and introduces work with primary and secondary source material.

**DSPW 0880 Writing /Ready/Study Skills (5)**

Combines DSPW 0800, DSPR 0800 and DSPS.

See previous descriptions of these 3 courses.

**NOTE:** Students enrolled in DSPM 0700, 0800, and 0850 may not enroll in mathematics intensive courses.

**ECONOMICS CONCENTRATION**

See Business, page 161.

**EDUCATION (B.S.)**

*School of Education*

*College of Professional Programs and Social Sciences*

*Mitchell (Interim Director), Deitrich, Gold, Gore, Flynt, Hardin, Harris, Hayes, Henderson, Lowrance, D.D. Luck, McMahan, Richards, Wall, Williams*

*Location: Claxton, 210*

*Phone: 931-221-7696*

*Website: www.apsu.edu/educ/*

**LIBERAL ARTS CORE REQUIREMENTS**

State of Tennessee teaching licensure requirements for 7-12 and K-12 will normally be satisfied by the following:

Bachelor of Arts core ..... page 113  
 Bachelor of Science core ..... page 116  
 Bachelor of Fine Arts core ..... page 119

Interdisciplinary Studies majors and Special Education majors must consult their advisor for specific Liberal Arts core courses that meet elementary education licensure requirements. Students earning licensure in areas other than Interdisciplinary Studies or Special Education should follow the core of their major.

**ACADEMIC MAJOR**

The student should follow the major or the teaching major in the academic department as listed in the BULLETIN. Students should consult both their academic and education advisors and meet admission to teacher education requirements on page 105.

**NOTE:** Additional courses in the academic department may be required for the student seeking licensure.

**PREPARATION FOR ELEMENTARY SCHOOL TEACHERS  
(TO TEACH GRADES K-8 OR 5-8) & SPECIAL EDUCATION (K-12)**

This curriculum is designed for but not limited to students who are preparing to teach the elementary grades. For those seeking licensure, the program consists of a Liberal Arts core, a major in Interdisciplinary Studies and a minor in Professional Education, and Student Teaching. Praxis II performance of program completers in teacher education at Austin Peay continue to perform at a high level.

**LIBERAL ARTS CORE FOR INTERDISCIPLINARY STUDIES AND  
SPECIAL EDUCATION MAJORS (65 Hours)**

**SUGGESTED PROGRAM OF STUDY**

<b>Freshman Year</b>	<b>Cr.</b>	<b>Sophomore Year</b>	<b>Cr.</b>
ENGL 1010	3	ENGL 2030	3
BIOL 1010	4	HIST 2010	3
MATH 1410	3	PSCI 2010	3
HHP 1260	3	MUS 1030	3
P.E.	1	PHIL 2410/1030	3
P.E.	1	GEOG 1020	3
ENGL 1020	3	ART 1030	3
CHEM 1710	4	HIST 1210	3
MATH 1420	3		
COMM 1010	3		
<b>Total Hours</b>	<b>28</b>	<b>Total Hours</b>	<b>24</b>
<b>Junior Year</b>	<b>Cr.</b>	<b>Senior Year</b>	<b>Cr.</b>
HHP 3190	3	SCI 3020	4
HIST 2020/2030	3		
ENGL 3420 (5 – 8)	3		
OR			
RDG 4050 (K – 8)	3		
<b>Total Hours</b>	<b>9</b>	<b>Total Hours</b>	<b>4</b>
<b>Communication - 9 hours</b>			
ENGL 1010	English Composition.....	3	
ENGL 1020	English Composition.....	3	
COMM 1010	Fundamentals of Public Speaking.....	3	



**Humanities - 15 hours**

ENGL 2030	Traditions in World Literature .....	3
PHIL 1030 or 2410	Introduction to Philosophy or Educational Ethics .....	3
ENGL 3420 or RDG 4050	Adolescent Literature or Children’s Literature.....	3
ART 1030	Art Appreciation .....	3
MUS 1030	Music Appreciation .....	3

**Social Science - 15 hours**

GEOG 1020	Geography.....	3
HIST 2010, 2020, or 2030	(American History I, II, or History of Tennessee).....	6
PSCI 2010	American National Government .....	3
HIST 1210	World History I .....	3

**NOTE:** Special Education students may choose PSCI 2010 or HIST 1210

**Mathematics-6 hours**

MATH 1410-1420	Structure of Mathematical System .....	6
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**Science - 12 hours**

BIOL 1010 or 1020	General Biology.....	4
CHEM 1710, GEOL 1040, or PHYS 1710	(Physical Science).....	4
SCI 3020	Life/Physical Science .....	4

**Health and Personal Development - 8 hours**

HHP 1260	Personal Health.....	3
PHED	Activity .....	2
HHP 3190	Rhythms, Plays, and Games.....	3

**INTERDISCIPLINARY STUDIES MAJOR (33 Hours)**

**Elementary Education K-8 Licensure**

Licensure students electing this program will be licensed to teach grades K-8 in Tennessee. Specific curriculum requirements are available from the Department of Education.

**SUGGESTED PROGRAM OF STUDY**

Junior Year	Cr.	Senior Year	Cr.
Cognate	3	EC 4130	3
Cognate	3	EDUC 4005, 4090	6
Cognate	3	RDG 4020, 4030, 4050	9
Cognate	3	MATH 4100, 4200	6
<b>Total Hours</b>	<b>12</b>	<b>Total Hours</b>	<b>24</b>

EDUC 400S	Teaching Social Studies .....	3
EC 4130	Primary Methods and Curriculum .....	3
EDUC 4090	Middle School Methods and Curriculum .....	3
RDG 4020	Primary Language and Literacy .....	3
RDG 4030	Middle School Language and Literacy Methods.....	3
MATH 4100	Mathematical Concepts Development .....	3

MATH 4200 Mathematics Content and Pedagogy for Middle School ..... 3  
 Select one of the listed Cognate Areas for Interdisciplinary Studies major ..... 12  
 Courses taken to meet Liberal AS core requirement may not be counted as part of a cognate

**COGNATE AREAS FOR INTERDISCIPLINARY STUDIES K-8**

Cognate 12 hours (choose one area)

**Social Studies**

- HIST 1220 World History II (3) or
- HIST 2020 American History II (3)
- SOC 2010 Intro to Sociology (3)
- PSCI 2070 International Policy (3)
- ECON 2010 Principles of Economics I (3)
- GEOG 3110 US & Canada (3)

**Language Arts**

- ENGL 2040 World Lit: Fiction (3)
- ENGL 3310 Survey of Short Fiction (3)
- ENGL 3420 Adolescent Literature (3)
- LING 4040...Structure and Dialects  
of American English (3)
- LING 4050 English Grammar & Usage (3)
- RDG 4040 Content Reading (3)
- RDG 4051 Process Writing (3)

**Mathematics**

- MATH 1110 College Algebra (3)
- MATH 1530 Elements of Statistics (3)
- MATH 1720 Trigonometry (3)
- MATH 1810 Elements of Calculus (3)
- MATH 4020...Geometry for Elementary  
School Teachers (3)
- MATH 4030.....Problem Solving for  
Elementary School Teachers (3)

**Science**

- BIOL 1020 General Biology (4)
- GEOG 1040 Physical Geology (4)
- BIOL 3060 Animal Diversity (4)
- SCI 3030 Life/Physical Science (3) \*
- CHEM/PHYS1710 Intro to  
Chemistry/Physics (4)

\*Required for science cognate if not taking as part of core.

**INTERDISCIPLINARY Studies MAJOR (36 Hours)**

**Middle Grades 5-8**

Students electing this program will be licensed to teach grades 5-8 in Tennessee. This program's emphasis is fifth grade through eighth grade.

- EDUC 4090 Middle School Methods and Curriculum ..... 3
- RDG 4030 Middle School Language and Literacy Methods..... 3
- MATH 4200 Mathematics Content and Pedagogy for Middle School..... 3
- \*SCI 3020 Life/Physical Science ..... 3

\*Must be taken as part of major not completed as core.

Select **two** of the listed Cognate Areas. Hours must be selected from two areas only and must include at least one upper division course. Courses taken to meet Liberal Arts core requirement may not be counted as part of a cognate

COGNATE (choose two areas -12 hours in each one selected)..... 24

**SUGGESTED PROGRAM OF STUDY**

Junior Year	Cr.	Senior Year	Cr.	
Cognate	3	Cognate	3	
Cognate	3	Cognate	3	
Cognate	3	Cognate	3	
Cognate	3	EDUC 4090	3	
Cognate	3	MATH 4200	3	
		RDG 4030	3	
<b>Total Hours</b>		<b>15</b>	<b>Total Hours 18</b>	

**COGNATE AREAS FOR INTERDISCIPLINARY STUDIES MAJOR (5-8)**

**Social Studies**

- HIST 1210 World History II (3) or
- HIST 2020 American History II (3)
- SOC 2010 Intro to Sociology (3)
- PSCI 2070 International Policy (3)
- ECON 2010 Principles of Economics I (3)
- GEOG 3110 US & Canada (3)
- EDUC 400S Teaching Social Studies (3)

**Language Arts**

- ENGL 3310 Survey of Short Fiction (3)
- ENGL 2040 World Literature: Fiction (3)
- LING 4040 Structure and Dialects of American English (3)
- LING 4050 Grammar and Usage (3)
- RDG 4040 Content Reading (3)
- RDG 4050 Children Literature (3)
- RDG 4051 Process Writing (3)

**Mathematics**

- MATH 1110 College Algebra (3)
- MATH 1530 Elements of Statistics (3)
- MATH 1720 Trigonometry (3)
- MATH 1810 Elements of Calculus (3)
- MATH 4020 Geometry for Elementary School Teachers (3)
- MATH 4030 Problem Solving for Elementary School Teachers (3)

**Science**

- BIOL 1020 General Biology (4)
- \*GEOL 1040 Physical Geology (4)
- BIOL 3060 Animal Diversity (4)
- SCI 3030 Life/Physical Science (3)
- CHEM/PHYS1710 Intro to Chemistry/Physics (4)

\*Required for science cognate if not taking as part of core.

**SPECIAL EDUCATION MAJOR**

The Special Education major requires the Professional Education minor for students who seek teacher licensure. If teacher licensure is not desired, another minor may be chosen..

- 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 4330 Behavior Management for Exceptional Students ..... 3
- SPED 4340 Teaching Mild/Moderate Disabled ..... 3
- SPED 4350 Teaching Severely/Multiple Disabled ..... 3
- SPED 4370 Career/Vocational Education ..... 3
- PSY 4140 Learning and Behavioral Disorders ..... 4
- MATH 4100 Mathematical concepts Development ..... 3
- EDUC 400S Teaching Social Studies in the Elementary School ..... 3
- EC 4130 Primary Curr & Materials ..... 3
- RDG 4020 Primary Literacy and Language ..... 3
- RDG 4050 Literature for Children ..... 3

**SUGGESTED PROGRAM OF STUDY**

Junior Year	Cr.	Senior Year	Cr.
SPED 3300, 3330, 3340, 3350	12	MATH 4100	3
SPED 4.30, 4340, 4350, 4370	12	EDUC 400S	3
PSY 4140	3	EC 4130	3
		RDG 4020, 4050	6
<b>Total Hours</b>	<b>27</b>	<b>Total Hours</b>	<b>15</b>

Academic Programs With Course Descriptions

**PROFESSIONAL EDUCATION MINOR (27 Hours)**

This minor leads to licensure for students in the Interdisciplinary Studies majors and Secondary education majors. Completion of this minor along with successful completion of Student Teaching leads to licensure in teaching grades K-8, 5-8, 7-12, and K-12. Testing requirements 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.

EDUC 1000	Orientation to Education..	1
EDUC 2100	Foundations to Education .....	2
EDUC 3040	Instructional Technology..	3
EDUC 3070	Instructional Strategies .....	3
EDUC 4080	Classroom Management...	3
EDUC 4160	Teaching Diversity .....	3
EDUC 4270	Evaluation and Assessment.....	3
PSY 3200	Adolescent Child (required for grades 5-8 and 7-12) .....	3
	OR	
PSY 3110	Human Development Child (required for grades K-8) .....	3
SPED 3000	Atypical Child .....	3
PSY 3130	Education Psychology .....	3

**ADDITIONAL CERTIFICATION REQUIREMENTS**

**STUDENT TEACHING**

All students seeking certification are required to complete 12 hours of student teaching at the appropriate level. Student teaching is taken concurrently with a 3 hour seminar course. Student Teaching may be completed before or after the B.S. degree is awarded. Students will see the Director of School Based Teaching Experiences for student teaching course numbers.

EDUC 4410	Student Teaching in Elementary School .....	6
EDUC 4510	Student Teaching in Middle School .....	6
EDUC 4610	Student Teaching in Secondary School .....	6
EDUC 4910	Seminar on Teaching .....	3



## ADDITIONAL TEACHING ENDORSEMENTS

### Process for Additional Endorsements

Students must hold an undergraduate degree, Tennessee teacher licensure, and be admitted prior to seeking an additional endorsement. Students will be required to complete a minimum of 12 credits at APSU.

1. Submit a copy of teacher certification to the Office of Teacher Licensure in Claxton 106.
2. Submit copies of all college transcripts to the Office of Teacher Licensure in Claxton 106.
3. The Office of Teacher Licensure will evaluate college transcripts toward the additional endorsement. If the transcript(s) indicates that some course work has not been completed, the Director of Teacher Education will decide which previous classes will be accepted or are equivalent.
4. Depending on teaching experience, a field experience in the additional endorsement area may be required. The Director of Teacher Education will make the decision on additional teaching experience.
5. Student will be required to take the PRAXIS II Specialty Exam(s) and meet minimum score requirements when the course work is completed, and submit the scores to the Office of Teacher Licensure in Claxton 106.

Additional teaching endorsements are available in biology, chemistry, early childhood, earth science, elementary (K-8) middle school (5-8), economics, psychology, education, English, French and Spanish, health, history, mathematics, music, physical education, physics, political science, sociology, special education, and theatre. Consult the Office of Teacher Licensure in Claxton 106 for specific requirements.

### 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.

## COURSE DESCRIPTIONS

### EARLY CHILDHOOD

#### **EC 4130 Primary Methods & Curriculum (3) F, S**

*Prerequisite: Provisional admission to Teacher Education*

*Corequisites: RDG 4020, RDG 4050, EDUC 400S and MATH 4100*

Historical influences upon Early Childhood Education, language and other modes of development of the young child and curriculum development. A portion of the course is field based.

#### **EC 4140 Applications of Developmental Theory (3) S**

*Prerequisite: EC 4130*

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 course is field based.

#### **EC 4160 Learning Styles of the Culturally Different (2) SU**

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.

### **EC 4170 Evaluation and Assessment in Early Childhood Education (3)**

*Prerequisite: EC 4140*

Pupil assessment, evaluation of programs, and processes for parent involvement in Early Childhood Education. A portion of course is field based.

## **EDUCATION**

### **EDUC 1000 Orientation to Education (1) F, SU, S**

Designed for freshman and transfer students who have declared Education as a major, the course will: describe the options and concentrations available to Education major; identify the criteria for admissions to teacher education; identify the characteristics of graduates sought by potential employers; familiarize the students with computer applications needed by beginning education majors. Five hours of guided field experience.

### **EDUC 2100 Foundations of Education (2) F,S**

*Prerequisites: Sophomore standing, EDUC 1000*

The social, philosophical and historical background of education. The course will contain lecture/discussion and a required field based experience.

### **EDUC 3040 Instructional Technology (3) F,S,SU**

*Prerequisite: EDUC 2100 or permission of instructor*

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) F,S,SU**

*Prerequisite: Provisional admission to Teacher Education*

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.

### **EDUC 400S Teaching Social Studies in The Elementary School (3) F,S**

*Prerequisite: Provisional admission to Teacher Education*

*Corequisites: EC 4130, RDG 4020, RDG 4050 and MATH 4100*

The objectives, problems, and instructional techniques employed in teaching social studies in the elementary school. A field experience is required.

### **EDUC 4080 Classroom Organization And Management (3) F, S, SU**

*Prerequisite: Provisional admission to Teacher Education*

Theories of classroom organization and management and their application. A field experience is required. Must be taken semester prior to student teaching.

### **EDUC 4090 Middle School Methods and Curriculum (3) F,S**

*Prerequisite: Provisional admission to Teacher Education*

*Corequisites: RDG 4030, MATH 4200, SCI 3020*

Curriculum, program, and philosophy uniquely focused on the middle grades student. A field experience is required.

**EDUC 4160 Teaching Diverse Students (3)**

Introduces students to the concept of multicultural education as an idea, as an educational reform movement, and as 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 4200 Capstone: Contemporary Problems And Issues (2) S**

A culminating course for the student seeking licensure to teach. Topics include school law, problems of the beginning teacher, seeking a teaching position, and professional growth.

**EDUC 4270 Classroom Evaluation and Assessment (3) S,F**

Pupil assessment, evaluation of programs, self-assessment; contemporary assessment strategies and related research applications.

**EDUC 4720 Special Topics in Education (1, 2, 3)**

*Prerequisites: Permission of Director of School of Education*

Used to satisfy special needs of groups or independent study activities for individuals.

**EDUC 4730 Problems in Education (1, 2, 3)**

Used to satisfy special needs of groups or individuals who have unusual or atypical requests.

**EDUC 4910 Seminar on Teaching F, S**

*Corequisite: Student Teaching.*

The “capstone” course for understanding and applying concepts which link theory and practice. Special topics and problems will be identified and discussed.

**EDUC 4410 - Student Teaching in Elementary School (6) F, S****EDUC 4510 - Student Teaching in Middle School (6) F, S****EDUC 4610 - Student Teaching in Secondary School (6) F, S**

*Prerequisite: See coordinator of School-Based Teaching Experience for list of requirements.*

Students will teach a full semester under the direction of a supervising teacher. According to State directives, a student must receive permission from the Director of Teacher Education to register for any other credit other than Student Teaching and 4910 during the full Student Teaching semester.

**READING****RDG 4020 Primary Literacy and Language (3)**

*Prerequisite: Provisional admission to teacher education*

*Co-requisites: RDG 4050, EC 4030, EDUC 400S and MATH 4100*

Includes scope and sequence of skills, assessment, organization strategies, materials and methods of listening, 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 Middle School Language and Literacy Methods (3)***Prerequisite: Provisional admission to teach education**Co-requisite: EDU 4C90, MATH 4200, EDUC 4080, SCI 3020*

This course will focus on the integration of reading/language arts instruction in the subject matter classroom. Special attention will be given to promoting vocabulary, comprehension, and study skills for the middle school student. Planning and adapting instruction for diverse students will be emphasized. This course requires a field experience.

**RDG 4040 Content Reading (3)**

A course designed for elementary teachers in the strategies for developing literacy skills in the content areas.

**RDG 4050 Literature For Children (3)***Corequisites: EC 4130, EDUC 4005, MATH 4100, RDG 4020*

Appreciation, selection, and use of children literature as related to curriculum enhancement and the needs of children.

**RDG 4051 Process Writing (3)**

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)**

A course designed to train teachers in teaching development, corrective, and remedial reading on the secondary school (English classroom) level.

**SCIENCE**

These courses are designed for Interdisciplinary Studies majors.

**SCI 3020 Life And Physical Science I (4) F,S***Prerequisite: Provisional Admission to Teacher Education**Corequisites: EDUC 4090, MATH 4200, RDG 4030, EDUC 4080*

Emphasizes basic concepts of life and physical sciences. Classes will include lecture, lab and field experiences.

**SCI 3030 Life And Physical Science II (4) S**

Basic concepts of life and physical science; concentration on physical science conceptual schemes for elementary and middle school; integrated laboratory activities; integration of science/technology/society relationships.

**SPECIAL EDUCATION****SPED 3000 Introduction to Special Education (3)**

Identification of handicapping conditions, programs for educating the disabled and public laws specifying responsibilities of school personnel.



**SPED 3300 Characteristics of Students with Mild/Moderate Disability (3)**

Develop an awareness of the educational needs and goals of the mild/moderate disabled. 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)**

Develop and understanding of the physical, psychological, and emotional characteristics of the severely disabled. Personal and social needs will be stressed.

**SPED 3340 Developing Consultative Skills: Parents And Professionals (3)**

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)**

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 4330 Behavior Management For Exceptional Students (3)**

Techniques of managing classroom and other behaviors at all levels and types of exceptionality.

**SPED 4340 Teaching Students with Mild/Moderate Disabilities (3)**

Provide instructional strategies and techniques for teachers of the mild and moderately disabled. Students will be assigned 15 hours field experiences to facilitate application of classroom instruction.

**SPED 4350 Teaching Students with Severe Disabilities (3)**

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 4360 Teaching Physically Disabled (3)**

Prepare the student to teach the physically disabled. Various handicapping conditions will be a focus along with the educational needs and particular problems of the physically disabled. Fifteen hours of field experience required.

**SPED 4370 Career/Vocational Education For Exceptional Students (3)**

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.

## ENGINEERING TECHNOLOGY (B.S.)

*School of Technology and Public Management*

*Blake (Chair), Byrd, Chen, Salama, Sarwar*

*Location: AP Center @ Ft Campbell, Bldg 604*

*Phone: 931-221-1416*

*Website: [www.apsu.edu/apfc/degreesEngtech.htm](http://www.apsu.edu/apfc/degreesEngtech.htm)*

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 place greater emphasis on practical aspects and hands-on experiences.

We offer concentrations in manufacturing, electronics, and robotics. 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 that 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; Automotive and Construction programs are also available. 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.

### TYPICAL PROGRAM OF STUDY (ALL CONCENTRATIONS)

- TOTAL CREDIT HOURS REQUIRED FOR DEGREE: 132-133 credit hours
- Program bases on Full Time Enrollment in Eight Week Terms at the APSU Center @ Fort Campbell.
- PHYS 2010/2021 and 2020/2021 are 5 credit hours total; P.E. courses are 1 credit hour each; all other courses are 3 credit hours

### SUGGESTED PROGRAM OF STUDY

Freshman Year	Cr.	Sophomore Year	Cr.
ENGT 1000, 1010, 1020	9	ENGT 2000, 2010, 2020, 2030	12
MATH 1110, 1720, 1810	9	PHYS 2010, 2020, 2011, 2021	10
ENGL 1010, 1020	6	HIST 2020	3
CSCI 1010	3	P.E. (2 courses)	2
HIST 2010	3	Hum. - Arts	3
Health	3	MATH 1820 or	
COMM 1010	3	CHEM 1010 & 1011	3-4
<b>Total Hours</b>	<b>36</b>	<b>Total Hours</b>	<b>33-34</b>

Junior Year	Cr.	Senior Year	Cr.
ENGT 3000, 3020, 3040`	9		
ENGT 3010, 3030, 3050	9	ENGT Conc	27
ENG 2030	3		
ENGT Conc	3		
Hum. - Letters	3		
Soc. Science	3		
Hum. – Arts	3		
Soc. Science	3		
<b>Total Hours</b>	<b>36</b>	<b>Total Hours</b>	<b>27</b>

**NOTE FOR MAIN CAMPUS STUDENTS:**

Students should be able to complete their first two years primarily on the main campus. During the first two years, main campus students should complete math, science, and P.E. requirements, and should take 1000 and 2000 level ENGT courses at either campus. See your major advisor for more guidance.

**DEGREE REQUIREMENTS:**

1. B.S. core requirements (see page 116), including: MATH 1110, 1720, 1810; PHYS 2010/2011, 2020/2021, and COMM 1010. For Engineering Technology majors, completion of ENGT 1020 meets Computer Literacy requirements.
2. Engineering Technology core: 1000, 1010, 1020, 2000, 2010, 2020, 2030, 3000, 3010, 3020, 3030, 3040, 3050,.
3. Engineering Technology Major Concentration (choose one from General, Electrical, Manufacturing, or Robotics - see below)
4. Students are required to take a comprehensive examination in Engineering Technology during their senior year.

**GENERAL CONCENTRATION (33 - 34 Hours)**

MATH 1820 (3 credit hours) OR CHEM 1010/1011 (4 credit hours); ENGT 4720 (3 credit hours); 12 credit hours of ENGT Electives; 12 credit hours of Concentration Electives.

- Concentration electives may be either ENGT courses or courses in other areas approved by the department; see department advisor for list of approved courses.
- Transfer credit that does not meet specific degree requirements may be used as electives with departmental approval. Courses may be chosen to emphasize design, construction, mechanical, technical writing, management, or environmental areas.
- Lower division credit may be used as concentration electives; students must still meet APSU requirements for upper division credits.

**ELECTRICAL CONCENTRATION (33 Hours)**

MATH 1820; ENGT 3200, 3210, 3220, 3230, 3240, 4150, 4200; Plus (2) elective courses from the following: ENGT 3100, 3250, 3800, 4120, 4220, 4850, or others with departmental approval

**ELECTRICAL CONCENTRATION WITH ROBOTICS EMPHASIS (33 Hours)**

MATH 1820; ENGT 3100, 3220, 3230, 3800, 4120, 4150, 4850; Plus (3) electives from the following: ENGT 3200, 3210, 3240, 3250, 4200, 4210, or others with departmental approval.

**MANUFACTURING CONCENTRATION (34 Hours)**

CHEM 1010, 1011; ENGT 3610, 3800, 3810, 3850, 4720, 4810, 4850; Plus (2) elective courses from the following: ENGT 3100, 3650, 3660, 3710, 3830, 3840, 4610, 4800, 4860, 4870, or others with department approval.

**MANUFACTURING CONCENTRATION WITH ROBOTICS EMPHASIS (31 Hours)**

CHEM 1010, 1011; ENGT 3100, 3220, 3230, 3800, 4120, 4150, 4850; Plus (3) electives from the following: ENGT 3610, 3650, 3660, 3810, 3840, 3850, 4800, 4810, or others with departmental approval.

**ENGINEERING TECHNOLOGY MINOR (FOR NON-ENGT MAJORS (21 Hours)**

ENGT 1000 or 3820, 1020 take any two courses from, 2000, 2010, 2020, and 3010 (15 credit hours) and (2) ENGT courses (3 cr. hours each) except 1000 and 3820 as electives.

**COURSE DESCRIPTIONS****ENGT 1000 Introduction to Engineering & Engineering Technology****Three hours lecture (3)**

Survey of engineering and engineering technology; fields of engineering and the engineering profession; academic training, careers, job expectations; technical problem solving skills.

**ENGT 1010 Design Graphics (3)**

Basic engineering graphics to include descriptive geometry, orthographic projection, sectioning, auxiliary views, dimensioning, axonometric and oblique views.

**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; dimensioning and plotting on paper to scale. Three dimensional and isometric drawings will also be included.

**ENGT 1720 Plane Surveying (3)**

*Prerequisite: MATH 1720*

Field procedure necessary for measuring distances, elevations, horizontal and vertical angles, topographic mapping, boundary and area calculations; chain and theodolite and stadia surveying, leveling and curve ranging.

**ENGT 2000 Manufacturing Processes (3)**

*Prerequisites: ENGT 1010*

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)**

*Prerequisite: MATH 1110*

Overview of electrical engineering technology and electronics; direct current equipment and circuits; Ohms Law, series and parallel circuits, Kirchoff's Laws, Thevenin's and Norton's Theories applied to DC circuit analysis.

**ENGT 2020 Robotics Fundamentals (3)**

*Prerequisites:* General Computer Skills; ENGT 1020, CSCI 1010, or permission of instructor  
Overview of robots and automation technology; terminology; classifications; end-of-arm tooling; sensors and interfacing; control; programming; applications; safety; development; future trends and social impact. Programming robots for different tasks.

**ENGT 2030 AC Circuits and Applications (3)**

*Prerequisites:* ENGT 2010, MATH 1720

Alternating current equipment and circuits; Kirchoff's Laws, Thevenin's and Norton's Theories applied to AC circuit analysis. Introduction to electronics and electronic components. Overview of electrical and power systems.

**ENGT 2990 Cooperative Work Experience I (3)**

*Prerequisite:* ENGT 1020; Sophomore standing

An educational experience combining college studies with institutionally supervised and pre-approved 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, 2010, 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)**

*Prerequisite:* MATH 1110 OR ECON 2000; Junior standing.

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 & Strength of Materials (3)**

*Prerequisite:* MATH 1720, 1810

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; PHYS 2010 and 2011

Application of thermodynamic principles to energy systems; properties and phase changes; energy conversion; power system operating cycles; refrigeration; introduction to heat transfer.

**ENGT 3040 Power Transfer Technology (3)**

*Prerequisite:* MATH 1810; PHYS 2010 and 2011

Introduction to principles and practices for transfer of power utilizing high electrical voltages, hydraulics, and pneumatics.

**ENGT 3050 Problem Solving in Engineering Technology (3)**

*Prerequisite: ENGT 1000; MATH 1720; MATH 1810*

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*

Use of robots in various areas; case studies of industrial robotics applications; robot programming and implementation of dual robot systems.

**ENGT 3200 Electronics Fundamentals I (3)**

*Prerequisite: ENGT 2030*

Introduction to semiconductor electronic devices: diodes, transistors, and other components. Uses of electronic components to produce useful circuits and equipment.

**ENGT 3210 Communications Systems I (3)**

*Prerequisites: ENGT 3200, MATH 1810*

Introduction to communications systems with emphasis on linear integrated circuit applications. AM, FM and side band generation, transmission and reception techniques.

**ENGT 3220 Digital Design I (3)**

*Prerequisite: ENGT 2010*

Digital combinational circuits and sequential circuits. Topics include number systems, logic gates, Boolean algebra, gate networks, adders, latching, counting, coding, timing, arithmetic circuits. Karnaugh mapping, data conversion and transmission, shift registers, and memories. Students will solve selected problems by application of circuits.

**ENGT 3230 Microprocessors (3)**

*Prerequisites: ENGT 2010, 3220; CSCI 1010*

8-bit and 16-bit microprocessor architecture, assembly language structure, and programming. PPI circuit boarding and I/O programming. 8088 microprocessor and 8255A PPI are used in laboratory activities.

**ENGT 3240 Electronic Fundamentals II (3)**

*Prerequisite: ENGT 3200*

Advanced topics in electronics. Use of electronic devices in amplifiers, regulators, and integrated circuits. Operational amplifiers; biasing; frequencies.

**ENGT 3250 Digital Design II (3)**

*Prerequisite: ENGT 3220*

Advanced concepts in digital design. Topics include gate networks, adders, latching, counting, coding, timing. Further study of Karnaugh mapping and data conversion and transmission.

**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, ENGT 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)**

*Prerequisite:* ENGT 3000, CHEM 1010

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; 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 Construction Planning 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, ENGT 2020; CSCI 1010

Concepts of automation, flexible manufacturing, and CAM; uses of CAD/CAM in modern industries. Introduction to manufacturing planning and control, production scheduling,

process planning and data communication. Laboratory activities include CAD/CAM interface (with emphasis on ProCAD/CAM and Verify 3D simulation software), workcell setup, programming, interface, and simulation.

### **ENGT 3810 Plastics Manufacturing Technology (3)**

*Prerequisite: ENGT 2000*

Overview of plastic materials; types of plastics and material properties; 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.

### **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, classification nomenclature; emphasis on the use of thermodynamics and kinetics; processing of basic stock ready for production of finished metal items.

### **ENGT 3840 Dynamics (3)**

*Prerequisites: ENGT 3020, MATH 1810, PHYS 2010*

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)**

*Prerequisites: ENGT 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.

### **ENGT 3990 Cooperative Work Experience II (3)**

*Prerequisite: ENGT 1020; Junior standing*

This educational experience combines the student's college studies with institutionally supervised, pre-approved work experiences with cooperating organizations. Student must apply for and be accepted prior to registration, and must 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: ENGT 1020, 2000, 2020; Senior standing*

Capstone experience prior to full time employment. Students will work on a technical project in industrial environment. Students must get prior approval for and must 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; current topics in industry.

### **ENGT 4120 Sensors and Vision Systems (3)**

*Prerequisites: ENGT 2020*

Contact and non-contact sensors, machine visions, automatic identification technology used in industries especially for automation. Tactile sensors, proximity sensors, CCD array sensors, range finding; bar code symbology; image acquisition, processing, analysis and applications; R&D of sensors and machine visions. Laboratory activities include sensor interfacing, bar coding, vision system set-up, image processing and applications.

### **ENGT 4150 Programmable Logic Controls (3)**

*Prerequisites: ENGT 2030, 3230 OR 3800*

Begins with fundamentals of programmable logic controllers and proceeds through various control diagrams, programming languages and control circuits. Current availability, use and operation of PLC's.

### **ENGT 4200 Linear Electronics (3)**

*Prerequisites: ENGT 3200, MATH 1810*

Introduction to linear integrated circuits. Circuit functions and applications with emphasis on operational amplifiers and other state-of-the-art devices

### **ENGT 4210 Control Systems (3)**

*Prerequisites: ENGT 4200; MATH 1820*

Introduction to fundamentals of control systems beginning with analog analysis and proceeding through digital. Laplace transforms and transfer functions, signal conditioning and protocols.

### **ENGT 4220 Communication Systems II (3)**

*Prerequisites: ENGT 3210; 3220*

Introduction to digital communication with emphasis of digital and data communication techniques, satellite communications, and fiber optics.

### **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, 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)**

*Prerequisite: MATH 1810; 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.

**ENGT 4720 Advanced Computer-Aided Design (3)**

*Prerequisites:* ENGT 1010, 1020; Junior standing

Use of computers in design and drafting of complex structures and machine components through two or three dimensional or isometric drawings. Customization of AutoCAD regarding tablet menu; screen menu, pull down menu, AutoLISP, programming, linetype and hatch generation.

**ENGT 4800 Machine Operation and Design (3)**

*Prerequisite:* 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. Programming language, variations in controller design, selection of correct CNC process. Application of lecture topics to laboratory exercises. Various products will be manufactured from working drawings using CNC machines.

**ENGT 4850 Computer Integrated Manufacturing (3)**

*Prerequisites:* ENGT 3800

Concepts of Computer Integrated Manufacturing (CIM); relationship to CAM; CIM units, system communication, networking, and the computer-integrated enterprise. Agile and lean manufacturing; Intelligent Manufacturing Systems (IMS); environmentally conscious and holonic manufacturing. ARENA software is used for manufacturing system simulation and for team projects.

**ENGT 4860 Product Safety and Liability (3)**

*Prerequisites:* ENGT 1000, 20000

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 4991 Special Problems (3)**

*Prerequisites:* Senior standing and 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 who need a class that is closed due to low enrollment. May also be used to study a topic not offered as a regular course.

**ENGLISH (B.A. OR B.S.)**

*Department of Languages and Literature*

*College of Arts and Letters*

*Calovini (Chair), Barnes, Bekus, Clemmer, Eaves, Eichhorn, Falconer, Franks, Carson-Greife, Goldstone, Guest, Hancock, Kitterman, Magrans, McWilliams, Mesa-Pelly, Phy-Olsen, Puszkar, Randall, Ruiz-Aviles, Ryan, Schnell, Sorenson, Till, Wadia, Winters*

*Location: Harned Hall, Room 115*

*Phone: (931) 221-7891*

*Website: [www.apsu.edu/langlit/](http://www.apsu.edu/langlit/)*

The Department of Languages and Literature offers majors in English, Foreign Language and Spanish; minors in Classical Civilization, Classical Languages, Creative Writing, English, English Writing, Professional Writing, French, German, Greek, Latin, and Spanish and courses in Linguistics.

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

\* English majors: nine hours of upper-division course work in English

\* English minors: six hours of upper-division course work in English

The English major, leading to the B.A. or B.S. degree, 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. ENGL 1100 is required to fulfill the Computer Literacy requirement for English majors.

**Licensure:** For those planning academic careers in junior and senior high schools, the subject-matter courses required for licensure to teach in Tennessee secondary schools are necessary. 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 MAJOR (33 Hours)**

3010, 3020, 3100, 3130, 3150; select one from 3200, 3210, 3220, 3500, 3510, 3600, 3700, 4200; select one from LING 4010, 4020, 4040, 4050; and four 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. One year of a foreign language at the college level and ENGL 1100 are also required.

**ENGLISH TEACHING MAJOR (36 Hours)**

This program satisfies Tennessee guidelines for secondary school licensure. Required courses: 3010, 3020, 3100, 3130, 3150, 3420, 4400; RDG 4890; select two from: LING 4010, 4020, 4040, 4050; select one from 3200, 3500, 3600; upper-division literature elective approved by your advisor; and the Professional Education minor. One year of a

foreign language at the college level and ENGL 1100 are also required. Student Teaching is required for licensure.

### SUGGESTED PROGRAM OF STUDY

Listed below is a possible schedule of courses for a Bachelor of Arts or Science degree with a major in English. Actual schedules may differ. Each student should consult with an advisor when preparing a schedule.

<b>Freshman Year</b>	<b>Cr.</b>	<b>Sophomore Year</b>	<b>Cr.</b>
ENGL 1010, 1020	6	ENGL 1100, 2030	6
Fine Arts Core *	6	ENGL 2040-2080	3
MATH 1610, 1620	6	Foreign Language 2010, 2020	6
Foreign Language 1010 or 2010	3-4	Social Science Core *	3
Foreign Language 1020 or 2020	3-4	HIST 2010,2020	6
HHP 1260, COMM 1010	6	Science core*	8
PHED or ROTC*	2		
<b>Total Hours</b>	<b>32-34</b>	<b>Total Hours</b>	<b>32</b>
<b>Junior Year</b>	<b>Cr.</b>	<b>Senior Year</b>	<b>Cr.</b>
ENGL 3010, 3020	6	Linguistics Course	3
ENGL 3100, 3130, 3200	9	ENGL 3150	3
Social Science Core *	3	English Electives	12
English elective	3	Courses in Minor	9
Elective	3	Elective	3
Courses in Minor	9		
<b>Total Hours</b>	<b>33</b>	<b>Total Hours</b>	<b>30</b>

\*Refer to Liberal Arts core requirements.

#### CREATIVE WRITING MINOR (18 Hours):

ENGL 2200; select five from ENGL 3200, 3210, 3220, 3310, 3320, 4200, 4210, 4220, 4900, 4950, or one course from another writing minor. Courses taken for this minor may not be applied towards the English major.

#### ENGLISH MINOR (21 Hours):

ENGL 3100, 3130; select one from ENGL 3010, 3020; and four upper division English courses approved by the department.

#### ENGLISH WRITING MINOR (18 Hours):

Select six from the following: ENGL 1100, 2200, 3200, 3210, 3220, 3500, 3510, 4200, 4210, 4220; LING 4010, 4020, 4040, 4050; COMM 2000, 4150; THEA 4900. Courses taken for this minor may not be applied to the English major.

#### PROFESSIONAL WRITING MINOR (18 HOURS):

ENGL 1100; select five from ENGL 3200, 3500, 3510, 3600, 3700, 4200; COMM 3100, 4150, or one course from another writing minor. Courses taken for this minor may not be applied towards the English major.

## COURSE DESCRIPTIONS

**ENGL 1010, 1020 English Composition (3 each)**

Development of the student's writing skills through a process of thinking, researching, planning, writing, researching, 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 1100 Technical And Report Writing (3)**

Styles and forms of technical writing designed for students whose jobs will require the writing and producing of a variety of technical documents. Topics covered include the nature of technical language, audience-analysis, data collection and organization, and page design, with practice in the writing of investigative reports, proposal, technical manuals, newsletters, and promotional materials. Students are introduced to word-processing, desktop publishing, and graphics computer programs. Exercises simulate actual working conditions.

**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 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.

*Students using ENGL 2030 to repeat either ENGL 2010 or ENGL 2020 will need to submit a Repeat Card obtained from the Office of the Registrar in the Ellington Building, Room 316.*

*ENGL 2030 is a prerequisite for all other literature classes.*

**ENGL 2030 Traditions in World Literature (3)**

An overview of world literature that will include works from different periods. This course is a prerequisite to all ENGL upper division courses.

**ENGL 2040 World Literature: Fiction (3)**

Selected readings in the genre of fiction, and novels and short stories, drawn from British and American literature and from English translations of the literature of other cultures and languages.

**ENGL 2050 World Literature: Poetry (3)**

Selected readings in the genre of poetry drawn from British and American literature and English translations from the literature of other cultures and languages.

**ENGL 2060 World Literature: Drama (3)**

Selected readings in the genre of drama drawn from British and American literature and English translations from the literature of other cultures and languages.

**ENGL 2070 World Literature And Films (3)**

Selections from and studies in the genre of film. The literary texts out of which the films have been created will also be read and analyzed—British and American texts, as well as English translations of texts from other cultures and languages.

**ENGL 2080 Themes in World Literature (3)**

Readings in literary works from around the world that focus on a common theme.

**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 Survey of Short Fiction (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 Survey of Contemporary Poetry (3)**

Exposes readers and writers of poetry to a variety of contemporary poems: by Americans, other writers of the English language, and, possibly, 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 words. 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 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 ENGL 3500*

Designed to give the student extensive 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 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: Expository Writing (3)**

*Prerequisites:* ENGL 3200 and permission of the instructor

An opportunity to develop skills learned and projects begun in 3200. The student is guided individually and as a member of a group through rigorous analysis and criticism of his/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. The student is guided individually and as a member of a group through rigorous analysis and criticism of his/her 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. The student is guided individually and as a member of a group through rigorous analysis and criticism of his/her work.

**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 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 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)**

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 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.

**ENVIRONMENTAL GEOGRAPHY**

See Geosciences, page 252

**ETHICAL STUDIES MINOR (18 Hours)***Department of History and Philosophy**College of Arts and Letters**Location: Harned Hall 340**Phone: (931) 221-7919*

Select three from PHIL 3040, 3050, 4100, 4720; select two from 2300, 2310, 2400, 2410; select one Philosophy course excluding 1030 and 2200

**FINANCE CONCENTRATION**

See Business, page 167

**FOREIGN LANGUAGES (B.A.)***Department of Languages and Literature**College of Arts and Letters**Location: Harned Hall 115**Phone: 931-221-7971**Website: [www.apsu.edu/langlit/for/foreign.htm](http://www.apsu.edu/langlit/for/foreign.htm)*

Students may select from nine Foreign Language Majors, a Spanish Major and seven language minors offered by the Department of Language and Literature.

Students seeking licensure, 7-12 for teaching in Tennessee must also take LING 4400 and one study abroad course from SPAN 304A or 304B for Spanish licensure or FREN 3040 for French licensure. Student must also complete the Professional Education minor and Student Teaching. Licensure is available in French, Latin, Spanish and French and Spanish combined. Foreign language majors who transfer from other colleges and universities must earn at least six hours of coursework in each of the two foreign languages taken at Austin Peay.

**FOREIGN LANGUAGES MAJOR:****CLASSICS SPECIALIZATION (36 Hours)**

GREK 2010, 2020, LATN 2010, 2020; select three from GREK 4110, 4120; LATN 4110, 4120. Select five from ART 2010; ENGL 340D; GREK 1110, 3300, 3400, 4110, 4120; HIST 3300, 3310; HON 2010; LATN 3300, 4110, 4120; PHIL 3100

**FOREIGN LANGUAGES MAJOR:****GREEK SPECIALIZATION (33 - 35 Hours)**

GREK 2010, 2020, 3300, 4110, 4120; ENGL 340D; HIST 3300; select two from LATN 1010, 1020, 2010, 2020; FREN 1010, 1020, 2010, 2020; GERM 1010, 1020, 2010, 2020; SPAN 1010, 1020, 2010, 2020; select two from ART 2010, GREK 1110, GREK 3400, HIST 3310, HON 2010, LATN 2010, 2020, PHIL 3100.

**FOREIGN LANGUAGES MAJOR:****LATIN SPECIALIZATION (33 - 35 Hours)**

LATN 2010, 2020, 3300, 4110, 4120, ENGL 340D, HIST 3310; Select two from GREK 1010, 1020, 2010, 2020; FREN 1010, 1020, 2010, 2020; GERM 1010, 1020, 2010, 2020; SPAN 1010, 1020, 2010, 2020; Select two from ART 2010, GREK 2010, 2020, 3400; HIST 3300; HON 2010; PHIL 3100

**FOREIGN LANGUAGES MAJOR:****FRENCH SPECIALIZATION (30 - 32 Hours):**

FREN 2010, 2020, 3210, 3220, 3310, 3320, 4510, 4520; select two from Spanish, German, Latin: SPAN 1010, 1020, 2010, 2020; GERM 1010, 1020, 2010, 2020; LATN 1010, 1020, 2010, 2020

**FOREIGN LANGUAGES MAJOR:****FRENCH AND GERMAN SPECIALIZATION (36 Hours):**

FREN 2010, 2020, 3210, 3220, 3310, 3320; GERM 2010, 2020, 3210, 3220, 4510, 4520

**FOREIGN LANGUAGES MAJOR:****FRENCH AND SPANISH SPECIALIZATION (36 Hours):**

FREN 2010, 2020, 3210, 3220, 3310, 3320; SPAN 2010, 2020, 3210, 3220; and either 3510 and 3520, or 3610 and 3620

**FOREIGN LANGUAGES MAJOR:****GERMAN AND SPANISH SPECIALIZATION (36 Hours):**

GERM 2010, 2020, 3210, 3220, 4510, 4520; SPAN 2010, 2020, 3210, 3220; and either 3510 and 3520, or 3610 and 3620

**FOREIGN LANGUAGES MAJOR:****SPANISH SPECIALIZATION (30 - 32 Hours):**

SPAN 2010, 2020, 3210, 3220; and either 3510, 3520, 4510, 4520, or 3610, 3620, 4610, 4620; select two from French, German, Greek, Latin: FREN 1010, 1020, 2010, 2020; GERM 1010, 1020, 2010, 2020; GREK 1010, 1020, 2010, 2020; LATN 1010, 1020, 2010, 2020

**FOREIGN LANGUAGES MAJOR:****GERMAN SPECIALIZATION (30-32 Hours):**

GERM 2010, 2020, 3210, 3220, 3510, 3520, 4510, 4520; select two from Spanish, French, Latin; SPAN 1010, 1020, 2010, 2020; FREN 1010, 1020, 2010, 2020; LATN 1010, 1020, 2010, 2020

**SUGGESTED PROGRAM OF STUDY**

Foreign Language Major: Classics, French, German, Greek, Latin, or Spanish Specializations

Listed below is a possible schedule of classes for a Bachelor of Arts degree in Foreign Languages with a Classics, French, German, Greek, Latin, or Spanish Specialization. Actual schedules may differ. Each student should consult an advisor when preparing a schedule.

<b>Freshman Year</b>	<b>Cr.</b>	<b>Sophomore Year</b>	<b>Cr.</b>
ENGL 1010,1020	6	ENGL 2030	3
MATH 1610,1620	6	HIST 2010,2020	6
Fine Arts Core *	6	Science Core *	8
HHP 1260, COMM 1010	6	Major Language 2010,2020	6
Major Language 1010	4	Additional Language 1010	4
Major Language 1020	4	Additional Language 1020	4
PHED core or ROTC *	2	ENGL 1100 or CSCI 1000	3
<b>Total Hours</b>	<b>34</b>	<b>Total Hours</b>	<b>34</b>

<b>Junior Year</b>	<b>Cr.</b>	<b>Senior Year</b>	<b>Cr.</b>
Major Courses 3xxx	12	Major Courses 3xxx	6
Social Science core *	6	Major Courses 4xxx	6
Courses in Minor	12	Courses in Minor or Electives	18
<b>Total Hours</b>	<b>30</b>	<b>Total Hours</b>	<b>30</b>

\*Refer to core requirements

### SUGGESTED PROGRAM OF STUDY

Foreign Languages Major: French/German, French/Spanish, or German/Spanish Specializations

Listed below is a suggested schedule of classes for a Bachelor of Arts degree in Foreign Languages with a dual-language specialization in French/German, French/Spanish, or German/Spanish. Actual schedules may differ. Each student should consult an advisor when preparing a schedule.

<b>Freshman Year</b>	<b>Cr.</b>	<b>Sophomore Year</b>	<b>Cr.</b>
ENGL 1010,1020	6	ENGL 2030	3
MATH 1610,1620	6	HIST 2010,2020	6
Fine Arts Core *	6	Science Core *	8
HHP 1260,	3	ENGL 1100 or CSCI 1000	3
COMM 1010	3	Language (A) 2010,2020	6
Language (A) 1010,1020	8	Language (B) 1010,1020	8
PHED core or ROTC *	2		
<b>Total Hours</b>	<b>34</b>	<b>Total Hours</b>	<b>34</b>

<b>Junior Year</b>	<b>Cr.</b>	<b>Senior Year</b>	<b>Cr.</b>
Language (A) 3210,3220	6	Language (B) 3210,3220	6
Language (A) 3xxx or 4xxx	6	Language (B) 3xxx or 4xxx	6
Language (B) 2010,2020	6	Courses in Minor	12
Social Science core *	6	Elective Courses	6
Courses in Minor	6		
<b>Total Hours</b>	<b>30</b>	<b>Total Hours</b>	<b>30</b>

\*Refer to core requirements

### FRENCH MINOR (18 Hours)

FREN 2010, 2020, 3210, 3220, 3310, 3320

Transfer students must earn at least six hours in French at APSU.

**GERMAN MINOR (18 Hours)**

GERM 2010, 2020, 3210, 3220, 4510, 4520.

Transfer students must earn at least six hours in German at APSU.

**GREEK MINOR (21-23 Hours):**

- A. GREK 1010, 1020, 2010, 2020, 3300; and select two from: GREK 4110, 4120, and HIST 3300; or
- B. GREK 2010, 2020, 3300; select two from: HIST 3300, GREK 4110, 4120; and select two from: ENGL 340D, LATN 1010, 1020, and PHIL 3100.

**LATIN MINOR (21-23 Hours):**

- A. LATN 1010, 1020, 2010, 2020, 3300; and select two from: HIST 3300, LATN 4110, and 4120; or
- B. LATN 2010, 2020, 3300; select two from: HIST 3300, 4110, 4120; and select two from: ENGL 340D, GREK 1010, 1020, and PHIL 3100.

**SPANISH MAJOR (30 Hours)**

SPAN 3210, 3220, 3510, 3520, 3610, 3620, 4510, 4520, 4610, and 4620.

This program satisfies Tennessee guidelines for teaching. 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 hours in Spanish at APSU.

**SUGGESTED PROGRAM OF STUDY**

Freshman Year		Cr.	Sophomore Year		Cr.
ENGL 1010,1020		6	ENGL 1100 or CSCI 1000		3
MATH 1610,1620		6	ENGL 2030		3
Fine Arts Core *		6	HIST 2010,2020		6
HHP 1260		3	Science Core *		8
COMM 1010		3	SPAN 2010,2020		6
SPAN 1010,1020		8	Courses in Minor or Electives		6
PHED Core or ROTC *		2			
<b>Total Hours</b>		<b>34</b>	<b>Total Hours</b>		<b>32</b>
Junior Year		Cr.	Senior Year		Cr.
SPAN 3510,3520		6	SPAN 3610,3620		6
SPAN 4510,4520		6	SPAN 4610,4620		6
SPAN 3210,3220		6	Courses for Minor		12
Social Science Core *		6	Courses in Minor or Electives		6
Courses in Minor		6			
<b>Total Hours</b>		<b>30</b>	<b>Total Hours</b>		<b>30</b>

\* Refer to core requirements

**SPANISH MINOR (18 Hours)**

SPAN 2010, 2020, 3210, 3220, (3510 or 3520), (3610 or 3620)

Transfer students must earn at least six hours in Spanish at APSU.

## COURSE DESCRIPTIONS

FRENCH**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 or equivalent*

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 3050 Semester Study in France (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 3310 Geography And History of France (3)**

*Prerequisite: FREN 2020 or permission of instructor*

Climate and physical aspects of France with an orientation to the civilization of the country and French history with an orientation to French philosophy, institutions, and social problems.

**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 Commercial French**

Vocabulary and concepts in French and Québeco's finance, accounting, and marketing.

**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 4510 Survey of French Literature I (3)***Prerequisite: FREN 2020*

French literature from the early Medieval period through the 18th century.

**FREN 4520 Survey of French Literature II (3)***Prerequisite: FREN 2020*

French literature from the 19th century to the present.

**GERMAN****GERM 1010, 1020 Elementary German (4 each)**

*Prerequisite for GERM 1020: GERM 1010 or equivalent 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, close textual examination, and discussion of representative works of German literature.

**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 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.

**GREEK****GREK 1010, 1020 Beginning Greek (4 each)***Prerequisite for GREK 1020: GREK 1010 or equivalent*

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. Available only through Study Abroad program in Greece.

**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 and proficiency in reading; extensive reading in Classical or Koine authors; discussion of representative works of Greek literature.

**GREK 3300 Greek Civilization (3)**

Reading and analysis of selected texts in translation. Study aspects of Greek Society.

**GREK 3400 Greek Art and Archaeology (3)**

Major archaeological sites in Greece, as well as history of archaeological thought from the Neolithic period to the Hellenistic. Includes visits to archaeological sites through the Study Abroad program in Greece.

**GREK 4110, 4120 Independent Study in Greek (3 each)**

*Prerequisite: GREK 3300 or equivalent*

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.

**LATIN****LATN 1010, 1020 Elementary Latin (4 each)**

*Prerequisite for LATN 1020: LATN 1010 or equivalent*

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*

A comprehensive review of Latin, extensive readings, close textual examination, and discussion of representative works of Latin literature.

**LATN 3300 Roman Civilization (3)**

Study of selected texts concerning the culture of Ancient Rome.

**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.

**LINGUISTICS****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 4010 History And Etymology of English (3)**

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)**

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)**

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)**

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 4400 Teaching Modern Languages in High School (3)**

General and specific problems involved in the teaching of modern foreign languages in high school. Activities include demonstrations in applied linguistics, as well as discussions, observations, field trips, classroom practice, and individual projects.

**SPANISH****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 or equivalent.

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.

**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 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.

**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.

**FRENCH MINOR**

See Foreign Languages page 242.

**GENERAL BUSINESS CONCENTRATION**

See Business, page 162.

**GEOGRAPHY**

See Geosciences, page 252

**GEOLOGY**

See Geosciences, page 252



**GEOSCIENCES (B.S.)***School of Agriculture and Geosciences**College of Science and Mathematics**Faculty: Bhatia, Camilleri, Deibert, Frederick, Kemmerly, Ridenour, Sirk**Location: Marks, 103**Phone: 931-221-7454**Website: www.apsu.edu/earthone/***MAJOR CORE (19-20 Hours):**

GEOG 1010, 3150, GEOL 1040; GEOG/GEOL 3060, CHEM 1110 (students in Global Environment & Development may substitute CHEM 1010)

**SUGGESTED PROGRAM OF STUDY**

(e.g. B.S. in Geosciences, concentration in "Geographic Information Analysis")

Freshman Year	Cr.	Sophomore Year	Cr.
GEOG 1010	3	AGRI 3230	3
GEOL 1040	4	CSCI 2070	3
CSCI 1010	3	GEOG 3150	4
CHEM 1110	5	GEOG 3920	3
		GEOL 3030	4
<b>Total Hours</b>	<b>15</b>	<b>Total Hours</b>	<b>17</b>
Junior Year	Cr.	Senior Year	Cr.
GEOG 3250	3	GEOG 4010	3
GEOG 3960	3	GEOG 4050	4
GEOL/GEOG 3060	4	GEOG 4160	4
CSCI 2080	3	GEOG 4250	3
GEOG 4000	3	GEOG 4260	3
<b>Total Hours</b>	<b>16</b>	<b>Total Hours</b>	<b>17</b>

**DISTRIBUTIVE MAJOR: GEOSCIENCES (44-59 Hours)**

Major core plus one concentration selected from Global Environment and Development, Environmental Hazards, Geographic Information Analysis, Soil and Water Management or Geology

**GLOBAL ENVIRONMENT AND DEVELOPMENT (45 Hours):**

GEOG 1020, 1030, 3110, 3950, 3960, 3980, 4000; eighteen hours from International Studies or AGRI 3000, 3230, ECON 2010, 2020, 4610, HIST 3360, 4730, MGT 3010, 4110, MKT 3010, 3410, 3710, PHIL 2310; PSCI 3020; six hours of upper-division Foreign Language or Study Abroad.

**ENVIRONMENTAL HAZARDS (44 Hours):**

GEOG 3250, 3920, 3930, 3940, 3950, 4000, 4010, 4170, 4180; eight hours from GEOG 4160, 4270, GEOL 3030, 4050; eight hours from AGRI 1410, 2210, 4420, BIOL 1110, 3050, 3060, 3070, PHYS 2010.

**GEOGRAPHIC INFORMATION ANALYSIS (44 Hours):**

3250, 3920, 4160, 4250, 4260, AGRI 3230, CSCI 1010; six hours from CSCI 2010, 2070, 2080, 4400; eight hours from BIOL 1110, 3050, 3060, 3070, GEOL 3030, 4050; and eight hours of upper-division Geography electives.

**SOIL AND WATER MANAGEMENT (44 Hours):**

GEOG 3250, 3920, 4160, 4180, 4260, 4270, AGRI 2210, 4210, GEOL 4050, 4250; eight hours from AGRI 3220, BIOL 1110, 3050, 3060, 3070, CHEM 1120, GEOL 3100, 3500, PHYS 2010.

**GEOLOGY (55 - 59 Hours):**

GEOL 1050, 3000, 3002, 3100, 3500, 3600, 4250, 4910, 4995, MATH 1330, CHEM 1120; eight-ten hours from GEOL 3030, 3680, 4050, 4100, 4450, 4920, 4990, 450A,B,C; 455A,B,C; MATH 1910; at least eight hours from BIOL 1110, 3060, PHYS 2010, 2020 (or higher Physics equivalent)

**GEOGRAPHY MINOR (18 Hours):**

GEOG 1010, 1020, 1030, and nine hours of upper division geography courses selected with an advisor's approval.

**GEOLOGY MINOR (18 Hours):**

GEOL 1040, 1050, and ten hours of advanced geology courses selected with an advisor's approval.

**COURSE DESCRIPTIONS****GEOGRAPHY****GEOG 1010 Physical Geography (3)**

An introduction to map reading as well as the development of skills and techniques used in the study of geography. This course concentrates on interrelationships between elements of the natural environment: landform, climate, soil, vegetation, weather, and water.

**GEOG 1020 Geography of the Developed World (3)**

The regions and nations generally included within the developed world will be analyzed with respect to their world location, populations characteristics, economies, external connections/ relationships, and problems/potentialities. Europe, former Soviet Union, North America, and the more economically developed countries of the Pacific rim will be covered.

**GEOG 1030 Geography of the Developing World (3)**

The regions and nations generally included within the developing world will be analyzed with respect to their world importance, locations, population characteristics, economies, external connections/relationships, and problems/potentialities. Middle America, South America, North Africa/Southwest Asia, SubSaharan Africa, South Asia, China, and Southeast Asia will be covered.

**GEOG 3060 Quantitative Geosciences -****Three hours lecture, three hours laboratory (4)**

(Cross listed with GEOL 3060)

*Prerequisites: GEOG 1010 or GEOL 1040, MATH 1120 or higher, or permission of instructor*

Techniques of geologic and atmospheric data collection and analysis with special emphasis on those parametric and non-parametric 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 3150 Maps and Their Design with GIS (4)***Prerequisite: MATH 111020*

General nature and uses of maps. Preparation of thematic maps with a geographic information system. Includes elementary statistical evaluation of geographical data. and applied computer mapping techniques. Includes elementary statistical evaluation of geographical data.

**GEOG 3250 Geographic Information Systems -****Two hour lecture, two hour laboratory (3)***Prerequisite: MATH 1120 or higher*

Fundamental concepts and operations of geographic information systems that use personal computers to analyze map data on natural resources and human populations. Application of coordinate systems and geocoding, vector and raster data structures, algorithms for the analysis of surfaces, error modeling, and data uncertainty to environmental issues.

**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 1720*

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, water, land pollution and nuclear and industrial accidents.



Emphasis is placed on the role of technology in altering natural processes and how society copes with the increasing risks posed to life, limb, and property.

### **GEOG 3950 Population and the Environment (3)**

Increases in human population are one of the fundamental driving forces behind the current world environmental dilemma. Population growth leads to increased levels of resource depletion. Human population dynamics are analyzed and an examination is made of the relationships among human population dynamics, resource depletion, and pollution.

### **GEOG 3960 Urban Environments (3)**

An examination is made of the urban environments. Consideration is given to the urban environmental problems.

### **GEOG 3980 Economic Geography (3)**

*Prerequisites: GEOG 1020 and GEOG 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 laboratory (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 laboratory (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 (3)***Prerequisite: GEOG 1010*

A study of the 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 and biological environments. The impact of environmental and atmospheric phenomena, including global warming and ozone depletion, on climate and climate change are examined.

**GEOG 4250 Advanced Geographic Information Systems****Two hours lecture, two hours laboratory (3)***Prerequisites: GEOG 3060, GEOG 3250*

Coordinate systems and geocoding, vector and raster data structures and algorithms, analysis involving surfaces, volumes, and time, error modeling, data uncertainty, and environmental issues; vector geographic information system application in lab.

**GEOG 4260 Remote Sensing, - Two hours lecture, two hours laboratory (3)***(Cross listed with GEOL 4260)**Prerequisites: MATH 1720 or GEOG 3150; CHEM 1110 or PHYS 2010*

Data capture, image characteristics, and interpretation of aerial photography and satellite imagery, to include multi spectral, thermal, and radar images. Digital image processing using a raster geographic information system.

**GEOG 4270 Watershed Management and Modeling****Three hours lecture, two hours laboratory (4)***Prerequisites: GEOG 1010 or GEOL 1040; CHEM 1110 or PHYS 2010; GEOG 3060*

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.

*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 1000 Geology as a Profession (1)**

Explores varied roles geologists play in private industry and in government. The course features guest speakers who work as geologists in Middle Tennessee.

**GEOL 1040 Physical Geology - Three hours lecture, two hours laboratory (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, two hours laboratory (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: Admission to the departments Coop Program*

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 laboratory (4)***Prerequisites: GEOL 1040, MATH 1720 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)***Corequisite: 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 is required.

**GEOL 3010 Topics in Volcanology - Three hours lecture, two hours laboratory (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. An optional field trip to a volcanic terrain can be arranged.

**GEOL 3030 Environmental Geology - Three hours lecture, three hours laboratory (4)***Prerequisite: GEOL 1040*

Major geologic factors that directly influence man's adaptation of 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 laboratory (4)**

(Cross listed with GEOG 3060)

*Prerequisites: GEOL 1040 or GEOG 1010; MATH 1120 or higher; or permission of instructor*

Techniques of geologic and atmospheric data collection and analysis with special emphasis on those parametric and non-parametric statistics utilized in the applied Geosciences. Emphasis placed on computer applications.

**GEOL 3100 Stratigraphy and Sedimentation****Three hours lecture, three hours laboratory (4)***Prerequisites: GEOL 1040, GEOL 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 laboratory (4)***Prerequisites: GEOL 1040, CHEM 1110*

Classification, properties, and occurrence of minerals; microscopic techniques of identification, mineral associations, environments of formation of common minerals.

**GEOL 3600 Petrology - Three hours lecture, two hours laboratory (4)***Prerequisite: GEOL 3500 at APSU or approval of transfer credit for Mineralogy from instructor*

Megascopic and microscopic characters of rock, symmetry and distribution of rock bodies, textural and genetic classification of rocks.

**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 the distribution and association of elements in the earth's crust. Some emphasis will also be placed on the applications of geochemistry to mineral exploration.

**GEOL 390A, B, C, D Advanced Internship in Geology (3, 4, 5, 6)***Prerequisite: Admission to the departments Co-op Program*

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 laboratory (4)***Prerequisite: GEOL 1040 or permission of instructor*

An applied, systematic process approach to landform development based upon threshold concepts. The 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: tectonic concepts, theories on the structural, mechanical, and thermal evolution of contractional and extensional organic belts; and origin of foreland and rift basins.

**GEOL 4250 Hydrogeology - Three hours lecture, three hours laboratory (4)**

*Prerequisites: GEOG 3970 or GEOL 3000 or higher; MATH 1720 or higher*

Occurrence, movement, and properties of subsurface water with special emphasis on the geological aspects of ground water. Secondary emphasis is placed on theories of ground water flow and flow-net analysis.

**GEOL 4260 Remote Sensing - Two hours lecture, two hours laboratory (3)**

(Cross listed with GEOG 4260)

*Prerequisite: MATH 1720, 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.

**GEOL 4450 Economic Geology - Three hours lecture, two hours laboratory (4)**

*Prerequisite: GEOL 3600 or permission of instructor*

General features of minerals deposits, their origin, localization, and classification. Also incorporated in this course will be study of classic examples of mineral deposits with their geologic and geographic occurrence.

**GEOL 450A, B, C Student Project (3 each)**

*Prerequisite: Permission of instructor*

To promote personal growth as an independent investigator, each well qualified senior or junior may complete an independent project with faculty support. Representative projects should include a field component. Field Geology, not offered at APSU, can satisfy Geology electives requirement if taken in the summer at an institution approved in advance by the department.

**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 laboratory (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*

The diversification of life, evolution of communities, faunas and floras, paleoecologic reconstruction, and evolutionary patterns are all components of paleontology. The current and past literature is explored to gain insight into the patterns and processes in the history of life. Techniques in the collection and analysis of paleontologic data are explored.

**GEOL 4990 Field Camp (6)**

*Prerequisite: Completion of courses required for Geology*

*Distributive Major or Permission of department chair*

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, research proposals and papers are emphasized. Location and critical evaluation of geologic data in print media will also be addressed.

**GERMAN MINOR**

See Foreign Languages, page 244

**GREEK MINOR**

See Foreign Languages, page 244

**HEALTH AND HUMAN PERFORMANCE (B.S.)***College of Professional Programs and Social Sciences**W. Chaffin (Chair), S. Adams, A. Black, R. Glass, A.R. Hansberry, M. Maurer, O. Shepherd, G. Steinberg**Location: Dunn Center, 269**Phone: 931-221-6111**Website: www.apsu.edu/hhp/*

The Department of Health and Human Performance offers majors in Health, and Health and Human Performance. Specializations are offered in health, health care management, wellness promotion, K-12 Health and Physical Education licensure, and Health licensure. A minor is available in Health and Human Performance.

All students completing a major in Health and Human Performance must take the Senior Exit Exam and the departmental HHP exit exam during the last semester of study at the University.

**HEALTH DISTRIBUTIVE MAJOR: Wellness Promotion Specialization**

1210, 2000, 2050, 3000, 3300, 4000, 4050, 4060, 4070, 4150, 4210, 4220, 4250, 4300, 4990; PHED 1190, 1210, 1310; ACCT 2010; ENGL 1100, MKT 3010; PHIL 2300; and elective hours. No minor is required.

**SUGGESTED PROGRAM OF STUDY**

Freshman Year	Cr.	Sophomore Year	Cr.
ENG 1010, 1020, 1100	9	COMM 1010	3
HHP 1210	3	HHP 2000	3
HIST 2010, 2020	6	ENGL 2030	3
Humanities	3	Humanities	3
Science	8	MATH	3
MATH	3	PHED	1
		PHIL 2300	.
		HHP 2050	3
		Social Science	6
<b>Total Hours</b>	<b>32</b>	<b>Total Hours</b>	<b>30</b>

Junior Year	Cr.	Senior Year	Cr.
ACCT 2010	3	HHP 4250, 4300	6
HHP 3000	3	MKT 3010	3
HHP 4000, 4050, 4060, 4070	12	HHP 4900	12
HHP 4150, 4210, 4220	9	Electives	9
Electives	6		
<b>Total Hours</b>		<b>Total Hours</b>	

**HEALTH TEACHING MAJOR (GRADES K-12)**

1210, 1260, 2000, 2050, 3100, 3110, 3300, 4060, 4070, 4150, 4300, 4400, and the Professional Education minor. Student Teaching is required for licensure in health. HHP 3010 and HHP 4210 may substitute for SPED 3000 and EDUC 4270 respectively. Elective hours.

**HEALTH AND HUMAN PERFORMANCE (NON-TEACHING) MAJOR**

1210, 1260, 2000, 2240, 3010, 3110, 3120, 3150, 3190, 3300, 4070, 4110, 4200, 4210, 4220, 4240, 4250. Elective hours.

**HEALTH AND HUMAN PERFORMANCE MAJOR:  
HEALTH SPECIALIZATION**

1210, 2000, 2050, 3000, 4000, 4060, 4070, 4600, and 4990. Elective hours. A minor is required.

**SUGGESTED PROGRAM OF STUDY**

Freshman Year	Cr.	Sophomore Year	Cr.
ENGL 1010	3	COMM 1010	3
HHP 1210	3	HHP 2000, 2050	3
HIST 2010, 2020	6	HHP 2050	3
Humanities	6	Science	4
Science	4	Elective	1
PHED	1	PHIL 2300	3
ENGL 1020	3	MATH	3
Math	3	Social Science	3
Social Science	3	PHED	1
		Computer Science	3
<b>Total Hours</b>		<b>Total Hours</b>	
<b>32</b>		<b>30</b>	
Junior Year	Cr.	Senior Year	Cr.
HHP 3000, 4000, 4060, 4070	12	ACCT 2010	3
MKT	3	MGT 3210	3
Elective	6	PSY 4060	
HHP 4500, 4600	6	SOC 3700	
PSY 2010	3	Elective	6
PSY 4500	3	HHP 4900	12
<b>Total Hours</b>		<b>Total Hours</b>	
<b>36</b>		<b>30</b>	

**HEALTH AND HUMAN PERFORMANCE DISTRIBUTIVE MAJOR:  
HEALTH CARE MANAGEMENT SPECIALIZATION**

1210, 2000, 2050, 3000, 4000, 4060, 4070, 4500, 4600, 4990; ACCT 2010; MGT 3210; MKT 3010; PHIL 2300; PSY 2010, 4060, 4500; SOC 3700. Elective hours.

**HEALTH AND HUMAN PERFORMANCE  
TEACHING MAJOR (GRADES K-12)**

1210, 1260, 2000, 2050, 2240, 3010, 3100, 3110, 3120, 3150, 3210, 3300, 4060, 4070, 4110, 4150, 4200, 4210, 4220, 4240, 4250, 4300, 4400, and the Professional Education minor. Student Teaching is required for licensure. This major permits the student to be licensed by the State of Tennessee in health and physical education (K-12).

**DISTRIBUTIVE MAJOR IN PUBLIC MANAGEMENT WITH A  
CONCENTRATION IN HEALTH AND HUMAN PERFORMANCE  
(RECREATION)**

See Public Management, page 359

**HEALTH MINOR (18 Hours)**

1210, 1260, 2050, and nine hours from HHP courses (see advisor).

**HEALTH AND HUMAN PERFORMANCE ADD-ON ENDORSEMENT**

If the candidate has received teaching licensure in Tennessee, the completion of the following **Add-on Health Teaching Endorsement** and the Praxis II exam (code-10550; minimum score of 510) are required. HHP 1210, 1260, 2000, 3100, 3110, 4060, 4070, and 4400. Student Teaching may be required.

**PHYSICAL EDUCATION**

If the candidate has received teaching licensure in Tennessee, the completion of the following **Add-on Health Teaching Endorsement** and the Praxis II Physical Education Exams (code-10091; minimum score of 152, code 30092; minimum score of 148) are required. HHP 2000, 2240, 3150, 3210, 4110, 4150, 4220, and 4400. Student Teaching may be required.

**PHYSICAL EDUCATION MINOR (18 Hours)**

Select two from HHP 3300, 4220, 4240, 4250; select two from 3120, 3150, 4110; and, select two from 2000, 2240, 3010, 3180, 3190, 3210, 4200, 4210.

**COURSE DESCRIPTIONS****HHP 1210 Principles of Nutrition (3) F, S**

Introduction to nutritional science and an overview of diet and health in the United States, nutrients, functions and sources, chronic diseases, energy balance, diet evaluation, and sports nutrition.

**HHP 1260 Personal Health (3) F, S, SU**

Survey course covering various aspects of physical, mental and social well being. Attempts to create greater appreciation and understanding of health, which should be reflected in more intelligent self-direction of health behavior.



**HHP 2000 First Aid, CPR, And Safety (3) F, S, SU**

Designed to assist the students in techniques of immediate and temporary care in the event of an injury or sudden illness. Personal Safety and American Red Cross courses in First Aid and Community CPR are incorporated into this course.

**HHP 2002 Athletic Training Practicum (1-4)**

Observe athletic training procedures, therapeutic uses of athletic training taping, wrapping, and other modalities, organize a training program, and proficiency in organizing and carrying out duties of an athletic trainer. Minimum of 250 hours. May be repeated for a maximum of four hours over four semesters.

**HHP 2050 Community And Environmental Health (3) F, S, SU**

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 2100 Officiating (3)**

Designed to give students a knowledge of rules, application of rules to competition, and mechanics of officiating in the sports of baseball, soccer, softball, volleyball, football, and basketball.

**HHP 2110 Athletic Coaching of Football (3) F**

Overview of football theory, techniques, and fundamentals. Students are afforded opportunities to analyze game films, practice fundamentals, quiz varsity coaches about their specialties, learn how to organize practice and games, and learn basic rules of football.

**HHP 2150 Athletic Coaching of Basketball (3)**

Overview of various basketball theories and philosophies, and how these theories and philosophies affect a coach's approach to the game. Additionally, students are provided an opportunity to practice fundamentals, organize a practice or game situation, develop strategies, and learn the rules of basketball.

**HHP 2160 Athletic Coaching of Baseball (3)**

Techniques of batting and pitching, baseball strategy, how to play various positions; promoting the game; making schedules; inside points of baseball; care and construction of fields; field management.

**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 2200 Water Safety (3)**

Offers the skilled swimmer who has a current Advanced Lifesaving Certificate, or its equivalent, an opportunity to become a Certified American Red Cross Water Safety instructor. Student shall perform all skills related to life saving and shall demonstrate proficiency in teaching beginning and advanced swimming.

**HHP 2240 Introduction to Physical Education (3) F**

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) F***Prerequisite: Upper division standing or permission of department chair*

A study of the principles of effective health care management techniques including planning, decision making, organizing, budgeting, communication, and direction.

**HHP 3002 Athletic Training Practicum (1-4)***Prerequisite: HHP 2002*

Completed for four hours over three semesters. Clinical experiences in blood pressure measurement, crutch fitting, wound care, computer usage, transportation methods, heat index/sling psychrometer usage, intermittent compression unit applications, weighing techniques and assessments, body temperature assessment, BAPS board techniques, thera band and tubing exercises, goniometer usage, vision testing, girth measurements, and joint flexibility measurements.

**HHP 3010 Physical Education For The Exceptional Child (3) F***Prerequisite: Upper division 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 3021 Therapeutic Modalities (3)***Prerequisite: HHP 2002*

Therapeutic modalities, the physiological basis for use, clinical application, and technique in the treatment and rehabilitation of injuries related to sports.

**HHP 3022 Rehabilitation Exercise (3)***Prerequisite: HHP 2002*

Appropriate exercise techniques for treating the athlete; developing a foundation in how to exercise; and articulating a rehabilitation exercise program.

**HHP 3100 School Health (3) S***Prerequisite: Upper division standing or permission of department chair*

Organization of the total health program including health services, healthful school environment, and health education. Emphasis is placed on methods of organizing and implementing health in the schools and the promotion of health in the school and community.

**HHP 3110 Substance Use And Abuse (3) F***Prerequisite: Upper division 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 3120 Gymnastics: Theory And Methods (3) S***Prerequisites: PHED 1020, upper division standing, or permission of department chair*

Scope, content, and methodology of the gymnastics program. The student will learn how to teach the development of efficient and skilled use of the body in practical situations, when working alone and with others, on the floor and on apparatus.

**HHP 3150 Teaching Individual, Dual, And Team Sports (3) F**

*Prerequisite: Upper division standing or permission of department chair*

Knowledge of planning, organizing, and teaching individual, dual and team sports. Additionally, the student will develop individual abilities in individual, dual and team sports.

**HHP 3180 Introduction to Physical Education in Elementary Schools (3) F**

*Prerequisite: Upper division standing or permission of department chair*

The role of PE in child development with emphasis on the study of elementary schools, physical educators; their philosophies, characteristics, and preparation; job opportunities; job satisfaction, and special problems in PE at the elementary level; and an overview of activities.

**HHP 3190 Rhythms, Plays, And Games For Elementary Children (3) F, S, SU**

*Prerequisite: Upper division 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) F**

*Prerequisite: Upper division 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 3230 Prevention And Care of Athletic Injuries (3)**

*Prerequisite: Upper division standing or permission from department chair*

Prevention and care of injuries, safety devices, use of wraps and supports, taping, therapeutic techniques, massage, and conditioning exercises.

**HHP 3300 Anatomical Kinesiology (3) S**

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 4000 Introduction to Gerontology (3) F**

*Prerequisite: Upper division standing or permission of department chair*

An overview of the factors influencing the health of the aged and aging.

**HHP 4010 Community Recreation (3)**

*Prerequisite: Upper division standing or permission of department chair*

A practical study of materials and methods for recreation leadership in schools and communities.

**HHP 4020 Advanced Athletic Training (3)**

*Prerequisite: HHP 3230*

Advanced techniques of athletic training including emphasis on examination procedure for injured athletes and specific rehabilitation techniques for the major joints involved in athletic injuries, signs associated with injuries and procedures for ascertaining the severity of an injury and steps to take.

**HHP 4040 Sport Psychology (3)**

*Prerequisite: upper division standing or permission of department chair*

Psychological principles in sports including motivational techniques, personality factors, communication principles, and anxiety reduction techniques.

**HHP 4042 Administration of Athletic Training (3)**

*Prerequisite: Upper division standing or permission of department chair*

Background in emergency planning financial resources, equipment fitting, legal concepts, ethics and values, information management, program management, facilities, and insurance.

**HHP 4050 Current Concepts in Wellness Promotion (3) S**

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) F**

*Prerequisite: Upper division 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) F**

*Prerequisite: Upper division standing or permission of department chair*

Modern concepts of diseases including the etiology of common communicable and chronic diseases.

**HHP 4080 Psychological Aspects of Human Sexuality (3)**

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 4090 Athletic Training Internship (12)**

Work site experience in athletic training in an area of interest to the student trainer.

**HHP 4100 Camping And Camp Leadership (3)**

*Prerequisite: Upper division standing or permission of department chair*

Designed especially for those interested in camp counseling or in outdoor education. History and the growth of the camping movement, school camps, private camps, and family camping, with emphasis on the role of the camp counselor. Instruction and practical experience in camp craft will be included.

**HHP 4110 Dance Theory And Technique, K-12 (3) F**

*Prerequisite: Upper division standing or permission of department chair*

Designed to give the students a basic understanding and skill in folk, square, modern, and ballroom dancing. Laboratory experiences in the actual teaching of rhythms are provided. Instruction is given in selection and graduation of materials.

**HHP 4150 Fitness Assessment And Exercise Prescription (3) S**

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 4200 Administration And Supervision of Physical Education (3) S**

*Prerequisite: Upper division standing or permission of department chair*

Includes study of administrative processes, legal liability, basic instruction programs, intramural, and interscholastic athletics, equipment, and purchasing, facilities, grading, and public relations.

**HHP 4210 Measurement And Evaluation of Physical Education (3) S**

*Prerequisite: Upper division 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) S**

*Prerequisite: Upper division 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) F**

*Prerequisite: Upper division 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) F**

*Prerequisite: Upper division standing or permission of department chair*

Constitutes the scientific basis of physical education. Studies of factors affecting muscle contraction, nervous control of muscular activity, effects of exercise on body function, muscle strength, stress and endurance, fatigue and recovery.

**HHP 4300 Introduction to Stress Management (3) S**

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) S**

*Prerequisite: Upper division standing 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 or Senior standing*

Capstone to integrate aspects of the Liberal Arts core with topics in health and wellness, physical education, and sport.

**HHP 4500 Epidemiology (3) S***Prerequisites: HHP 4070, upper division 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 Administration And Law (3) S***Prerequisite: Upper division standing or permission of department chair*

Consideration will be given to organizational theory, decision making, leadership and principles of personnel and fiscal control. Interpretation of various state and local health laws, ordinances, and regulations.

**HHP 4910, 4920, 4930 Special Problems in Health And Human Performance (1, 2, 3)***Prerequisite: Upper division standing or 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 (12) S, SU***Prerequisite: Upper division standing or permission of department chair*

The internship consists of observation and participation in health care management at a selected health agency and consists of approximately 400 work or contact hours in the field. There is a blending of classroom theory and practical work experience.

**PHYSICAL EDUCATION****PHED 100A, B, C; 200A, B, C Adaptive Physical Education (1 each)**

Meets the physical education requirements and planned in terms of the needs and capacities of those students who should not participate in regular physical education classes due to their health status. The classification shall be made by a physician. Contact department chair.

**PHED 1xxx, 2xxx Selected Physical Education Activities (1 each)**

Provides instruction in fundamental skills and knowledge of physical or recreational skills which are popular among students and which are not included in the regular curricular offerings.

PHED 1010	Jogging
PHED 1011	Beginning Bowling
PHED 1012	Beginning Karate
PHED 1013	Advanced Bowling
PHED 1014	Intermediate Karate

PHED 1015	Fitness Swim
PHED 1016	Race Walking
PHED 1017	Water Aerobics
PHED 1018	Contemporary Clogging
PHED 1020	Basic Gymnastics
PHED 1050	Beginning Tennis
PHED 1060	Beginning Golf
PHED 1070	Beginning Swimming
PHED 1130	Softball
PHED 1190	Aerobic Dance
PHED 1210	Weight Training
PHED 1250	Advanced Tennis
PHED 1260	Advanced Golf
PHED 1310	Physical Fitness
PHED 2010	Volleyball
PHED 2020	Basketball
PHED 2030	Badminton
PHED 2040	Flag Football
PHED 2050	Track And Field Sports
PHED 2060	Racquetball
PHED 2070	Advanced Lifesaving
PHED 2080	Soccer
PHED 2130	Archery
PHED 2140	Beginning Modern Dance
PHED 2180	Folk And American Square Dance
PHED 2190	Social Dancing
PHED 2210	Introduction to Rhythms
PHED 2220	Advanced Gymnastics

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

*Department of History and Philosophy*

*College of Arts and Letters*

*Browder (Chair), Butts, Cross, Dixon, R. Gildrie, Hughes, Pesely, Snyder, Wallace, Zieren.*

*Location: Harned Hall 340*

*Phone: 931-221-7919*

*Website: [www.apsu.edu/history/](http://www.apsu.edu/history/)*

### MAJOR (33 Hours):

1210, 1220, 2010, 2020 with the remaining 21 semester hours to be selected from upper division courses so that at least six hours are earned in U.S. History, six hours in non-U.S. History, and three in 4900. HIST 4400 is excluded from the major. Completion of a major test during the senior year is required.

**TEACHER MAJOR (54 Hours):**

Distributed over at least two fields, with emphasis on history leading to licensure in at least one additional field selected from political science, economics, and geography. Students in this major must complete the Professional Education minor. Student Teaching is required for licensure. HIST (33 hours): 1210, 1220, 2010, 2020 with the remaining 21 hours to be selected from upper division courses (4400 excluded) with at least six hours earned in U.S. History, six hours in non-U.S. History, 4900. Social Studies (15 hours): ECON 2010; GEOG 1020, 1030; PSCI 2010; SOC 2010. History major test during senior year is required.

Select at least one field of emphasis for licensure:

PSCI (12 hours): 2010, 2040, three upper division hours, and select one from 2070, 3040, 3110, 3350.

ECON (12 hours): 2020 and nine hour's upper division economics.

GEOG (13 hours): 1020 or 1030, GEOL 1050, and six hours upper division geography. Recommended: GEOG 3110 and 3150.

Students may obtain additional licensure with a minimum of 12 hours in approved courses; to include the fields of psychology and sociology.

**SUGGESTED PROGRAM OF STUDY**

Listed below is a possible schedule of courses for a Bachelor of Arts degree with a major in history. Actual schedules may differ. Students should consult with their academic advisors when preparing their schedules.

<b>Freshman Year</b>	<b>Cr.</b>	<b>Sophomore Year</b>	<b>Cr.</b>
HIST 2010, 2020	6*	HIST 1210, 1220	6
ENGL 1010, 1020	6*	ENGL 2030, 20xx*	6
MATH 1610, 1620	6*	Foreign Language 2010, 2020	6
Foreign Language 1010, 1020	8*	MUS 1030	3
HHP 1260	3	THEA 1030	3
PHED, Band, or ROTC	2	Science core*	8
ART 1030	3		
<b>Total Hours</b>	<b>34</b>	<b>Total Hours</b>	<b>32</b>
<b>Junior Year</b>	<b>Cr.</b>	<b>Senior Year</b>	<b>Cr.</b>
U.S. History Elective	6	HIST 4900	3
Non-U.S. History elective	6	History elective	6
PHIL 1030	3	Course in Minor	6
Courses in Minor (2)	12	Elective	15
Elective	6		
<b>Total Hours</b>	<b>33</b>	<b>Total Hours</b>	<b>30</b>

\*Refer to Liberal Arts core requirements.

**MINOR (21 Hours):**

1210, 1220, 2010, 2020, with the remaining nine hours elected from upper division courses, excluding 440

**DISTRIBUTIVE MAJOR IN PUBLIC MANAGEMENT WITH A CONCENTRATION IN HISTORY**

See Public Management, page 359.



## COURSE DESCRIPTIONS

**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.

**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 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, sectional controversy and Civil War.

**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, post-World War II era to present.

**HIST 2030 History of Tennessee (3)**

From 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 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; 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 Britain to 1714 (3)**

Prehistoric and Roman Britain, Anglo Saxon invasions, heptarchy, Norsemen. Norman invasion and its impact, development of medieval English institutions, Tudors, Stuarts. Political, social, religious, constitutional, and economic developments in English history to 1714.

**HIST 3390 Britain Since 1714 (3)**

From the accession of the Hanoverians to the mid-twentieth 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. Political, social, economic, religious, intellectual, 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**

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 4400 Teaching Social Studies in The Secondary Schools (3)**

Emphasis on developing skills in unit development, assessing the behavior of students, acquiring skills in class management, teaching techniques, and evaluation. A minimum of 30 hours of 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 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.

**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, and the international issues which created World War II and its aftermaths; 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, 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 pre-eminence 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, and 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 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 hours.

**HIST 4910 History Abroad (3-6)**

Prerequisite: Junior standing or permission of instructor

This course involves temporary residence outside the US 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.

**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, 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.

**HONORS PROGRAM**

*College of Arts & Letters*

*Coordinator: Dr. A. Phy-Olsen*

*Location: Harned Hall 142*

*Phone: 931-221-7714*

The Honors Program is designed to challenge superior students and provide opportunities for creative exploration and intellectual development. The interdisciplinary courses are team-taught by professors from a variety of disciplines, with group interaction and faculty-student projects conducted in small classes. Special provision is made each semester for strong students to individualize their studies. To qualify for acceleration into the Honors Program, a student should rank in the top ten percent of his/her high school class, have a minimum ACT Composite Score of 26, and 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, see page 68. Honors students may also apply for residence in the Harvill Honors Residence Hall. The program further welcomes qualified transfer students who are provided personalized programs. To apply for the Honors program contact the Director of the Honors Program, APSU Box 4447, Telephone (931) 221-7714.

Fifteen hours of credit earned in HON 1010, 2010, 2020, 2030, 2040, or 300x may be used to satisfy 15 hours of Liberal Arts core requirements: three hours in Communication, nine hours in Humanities, and three hours in Social Sciences (World History).

Students who successfully complete 15 hours of credit in the Honors Program will receive an Honors Great Ideas Program Certificate, and a notation of this achievement on official transcripts.

Upper division students who choose to continue in 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. Any Four-Year Honors plan must be approved by the Honors Program. All Four-Year Honors students will be expected to take a special Honors capstone course for two semester hours, usually during the senior year.

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.

The Honors Program is compatible with departmental majors and with other special programs such as the President's Emerging Leaders Program. Highly motivated students who are not part of the regular Honors Program may take individual courses, with the permission of the Director. Special arrangements may be made with academic departments to provide Honors credit for advanced courses offered in those departments.

## COURSE DESCRIPTIONS

### HON 1010 Language and The Problems of Modern Culture (3)

An exploration of language as it operates within society, and across academic disciplines, with special attention to semantics and usage. Communication skills developed through constant composition, discussion, and public speaking.

### HON 2010 The Roots of Western Culture (3)

An exploration of the achievement of the Hebrews, Greeks, Romans, and other ancient peoples who have influenced the way we think about politics, philosophy, the arts, and education.

### HON 2020 Medieval Ideas (3)

Study of crises and transformations as the Roman Empire collapsed into the diverse cultures of Medieval Islam and Christendom, with emphasis on social conflict and interaction as demonstrated in religious thought, artistic expression, political forms, and military action.

### HON 2030 Renaissance Ideas (3)

Exploration of basic ideas and values in science, art, politics, music, religion, and literature, with attention to the emergence of national identities from the Renaissance to the early modern era.

### HON 2040 The Modern Age (3)

Examination of the major upheavals of the modern period - in politics, science, religion, and the arts - which have transformed the life and thought of our own time.

### HON 300x Colloquium (3 each)

An interdisciplinary exploration of a special topic, an issue of current concern, or a major non-Western culture. Specific topics and course titles to be announced each semester. Students may enroll for one or more of these special colloquia.

**HON 4000 Senior Honors Capstone Seminar (2)**

An interdisciplinary seminar which explores the insights various academic disciplines offer for approaching the problems of the contemporary world.

**INTERDISCIPLINARY STUDIES MAJOR**

See Education, page 215.

**INTERNATIONAL STUDIES MINOR (21-24 Hours)**

*College of Arts & Letters*

*Coordinator: K. Sorenson*

*Advisors: A. Christian, J. Filippo, Hsu, Magrans, A. Randall, Warren*

*Location: Harned Hall 216*

*Phone: 931-221-6246*

*Website:*

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 opportunity for students to study abroad; and, seeks to promote international understanding.

**Requirements:** All Baccalaureate Degree Programs.

**I. REQUIRED COURSE (3 Hours)**

INTS 2000 Introduction to International Studies.

**II. CONCENTRATION: MAJOR AREA (15 Hours)****A. Select three courses One course from three different disciplines (9 hours)**

ECON 4410 History of Economic Thought

ECON 4610 International Economics

FREN 3310 Geography and History of France

FREN 3320 French Civilization

GEOG 3200 Living in the Environment

GEOG 3750 Geography of the African World

HIST 3360 Modern Europe, 1919-Present

HIST 4730 U.S. Foreign Relations Since 1890

MKT 3410 International Marketing

PHIL 3700 Advanced Studies in World Religions

PHIL 4300 Modern (15th-18th Century) Philosophy

PSCI 2070 International Politics



- PSCI 3020 American Foreign Policy
- PSCI 3160 African Politics
  
- SOC 3050 Race Relations and Minority Peoples
- SOC 3750 Population and Society
  
- SPAN 3510 Spanish Civilization I
- SPAN 3520 Spanish Civilization II
- SPAN 3610 Spanish American Civilization I
- SPAN 3620 Spanish American Civilization II

**B. Select two courses from the following (6 hours):**

- FREN 3220 Phonetics and Conversations in French
- GEOG 3150 Maps and Their Interpretation
- GEOG 3200 Living in the Environment
- HIST 3410 Modern Germany
- HIST 3470 Modern Latin America
- PSCI 3110 British Politics and Government
- PSCI 3120 European Politics
- SOC 3800 Women and Social Change
- SOC 4900 Selected Topics in Sociology
- SPAN 4100 Special Topics in Literature

**FOREIGN EXPERIENCE (3 - 6 Hours)**

Three to six semester hours of study abroad are required for the international studies minor. These hours are applied to study taken outside United States and must receive prior approval as a part of the minor by the Coordinator of the International Studies program. Examples follow:

**Study Abroad in Gambia, Africa**

- PM 390A Study Abroad - Africa
- PSCI 3360 Study Abroad - Africa

**Cooperative Center for Study Abroad (CCSA) Courses**

- (Courses are offered in English speaking countries)
- FREN 3040 Study Abroad

**Study Abroad in Germany and France**

- HIST 490A The Holocaust Traveling Seminar

**Study Abroad in Greece**

- GREK 1110 Elementary Modern Greek
- GREK 3400 Greek Art and Archaeology

**Study Abroad in Mexico**

- SPAN 304A Study Abroad in Mexico

**Study Abroad in Quebec, Canada**

FREN 3040 Study Abroad in Quebec

**Study Abroad in Spain**

SPAN 3040 Study Abroad Program in Spanish: Spain and Spanish America

SPAN 304B Study Abroad – Spain

**COURSE DESCRIPTIONS****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.

**JOURNALISM MINOR**

See Communication Arts, page 189

**LATIN AMERICAN STUDIES MINOR (18 Hours)**

*College of Arts and Letters, College of Social Sciences and Professional Programs*

**Advisors:** Michele Butts, History and Philosophy; Matthew Kenney, Political Science; Ramon Magrans, Languages and Literature

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.

**Required courses (12 hours):**

HIST 3460	Colonial Latin America	(3 hours)
HIST 3470	Modern Latin America	(3)
PSCI 3140	Latin American Politics	(3)
PSCI 451A	Selected Topics with Latin American focus	(3)

**Select two courses from the following (6 hours):**

ART 324X	Art History, Special Topics with Latin American focus	(3)
GEOG 1030	Geography of the Developing World	(3)
HIST 4910	History Abroad in Mexico or Mesoamerica	(3-6)
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

**LATIN MINOR**

See Foreign Languages, page 244.

**LEADERSHIP - PRESIDENT'S EMERGING LEADERS PROGRAM**

See page 347.

**MANAGEMENT CONCENTRATION**

See Business, page 168.

**MARKETING CONCENTRATION**

See Business, page 169.

**MASS COMMUNICATION CONCENTRATION**

See Communication Arts, page 182.

**MATHEMATICS (B.S.)**

*College of Science and Mathematics*

*L. McQueen (Chair), F. Christian, D.J. Cochener, Glunt, Gupton, Hagewood, Hoehn, Jator, Menser, N. Rayburn, Ridenhour, A. Wilson, Witherspoon*

*Location: Claxton, 304*

*Phone: 931-221-7833*

*Website: [www.apsu.edu/mathcsci/m/mathdept.htm](http://www.apsu.edu/mathcsci/m/mathdept.htm)*

**MAJOR CORE:**

1910, 1920, 2110, 3010, 3450, 4240, 4450, 4810; CSCI 1010.

**CONCENTRATION IN MATHEMATICS:**

Includes the Major Core and 3120, 3130, 4250, 4500, 3 hours approved mathematics electives greater than or equal to 3000, and 3 hours approved mathematics electives greater than or equal to 4000.

**CONCENTRATION IN STATISTICS:**

Includes the Major Core and 3250, 3260, 3270, 4250, 4260, and 4270.

**CONCENTRATION IN MATHEMATICS EDUCATION:**

Includes the Major Core and 3000, 3630; 4010, 4110; MAED 4400, three hours approved mathematics electives greater than or equal to 4000; and the Professional Education minor. Student Teaching is required for licensure.

**MINOR:**

1910, 1920, 2110, and six hours selected from approved upper division courses (This minor does not meet licensure requirements.)

**ADD ON ENDORSEMENT:** 1910, 1920, 3010, 3450, 3630, 4400, Praxis code 10061 minimum 136, and code 20065 minimum 125. Student Teaching may be required.

**SUGGESTED PROGRAM OF STUDY IN MATHEMATICS**

Freshman Year	Cr.	Sophomore Year	Cr.
MATH 1910	5	MATH 2110	3
MATH 1920	5	MATH 3010	3
CSCI 1010	3	MATH 3450	3
ENGL 1010	3	ENGL 2030	3
ENGL 1020	3	COMM 1010	3
Electives	3	HIST 2010	3
Social Science Core	6	HIST 2020	3
PE Activity	2	Science Core	8
		Humanities Core	3
<b>Total Hours</b>	<b>30</b>	<b>Total Hours</b>	<b>32</b>

Junior Year	Cr.	Senior Year	Cr.
MATH 3120	3	MATH 4450	3
MATH 3130	3	MATH 4500	3
MATH 4240	3	MATH 4810	1
MATH 4250	3	MATH Elective	3
MATH 3000 Elective	3	Minor Courses	6
Minor Courses	6	Electives	15
Humanities Core	6		
Health Core	3		
Electives	6		
<b>Total Hours</b>	<b>36</b>	<b>Total Hours</b>	<b>31</b>

**SUGGESTED PROGRAM OF STUDY IN STATISTICS**

Freshman Year	Cr.	Sophomore Year	Cr.
MATH 1910	5	MATH 2110	3
MATH 1920	5	MATH 3010	3
ENGL 1010	3	MATH 3450	3
ENGL 1020	3	COMM 1010	3
CSCI 1010	3	ENGL 2030	3
History Core	6	Humanities Core	3
Social Science Core	3	Health Core	3
PE Activity	2	Science Core	8
		Social Science Core	3
<b>Total Hours</b>	<b>30</b>	<b>Total Hours</b>	<b>32</b>

<b>Junior Year</b>	<b>Cr.</b>	<b>Senior Year</b>	<b>Cr.</b>
MATH 3250	3	MATH 3270	3
MATH 3260	3	MATH 4250	3
MATH 4240	3	MATH 4260	3
MATH 4450	3	MATH 4270	3
Minor Courses	6	MATH 4810	1
Humanities Core	6	Minor Courses	6
Electives	6	Electives	12
<b>Total Hours</b>	<b>30</b>	<b>Total Hours</b>	<b>31</b>

**SUGGESTED PROGRAM OF STUDY  
IN MATHEMATICS EDUCATION**

<b>Freshman Year</b>	<b>Cr.</b>	<b>Sophomore Year</b>	<b>Cr.</b>
ENGL 1010	3	EDUC 2100	2
History core	3	COMM 1010	3
MATH 1910	5	MATH 2110	3
EDUC 1000	1	Science core	4
Humanities core	3	MATH 3010	3
ENGL 1020	3	Physical Education activity course	1
History core	3	HHP 1260	3
MATH 1920	5	Humanities core	3
CSCI 1010	3	Science core	4
Physical Education activity course	1	MATH 3000	3
		Social science core	3
<b>Total Hours</b>	<b>30</b>	<b>Total Hours</b>	<b>32</b>

<b>Junior Year</b>	<b>Cr.</b>	<b>Senior Year</b>	<b>Cr.</b>
Humanities core	3	MATH 4010	3
MATH 4240	3	MATH 4110	3
MATH 4450	3	MAED 4400	3
Social science core	3	EDUC 4270	3
EDUC 3070	3	EDUC 4160	3
PSY 3130	3	EDUC 4080	3
MATH 3450	3	MATH 4810	1
MATH 3630	3	SPED 3000	3
EDUC 3040	3	MATH elective	3
PSY 3200	3	Humanities core	3
<b>Total Hours</b>	<b>30</b>	<b>Total Hours</b>	<b>28</b>

EDUC 4610 and EDUC 4910 are required for licensure.

**Academic Programs With Course Descriptions**

**MATHEMATICS EDUCATION****MAED 4400 The Teaching of Secondary School Mathematics (3)**

*Prerequisite: 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.

**MAED 4920 Special Problems in Mathematics For Elementary School Teachers (3)**

*Prerequisite: 18 hours of mathematics*

Selected special problems in mathematics appropriate for elementary education majors.

**MATHEMATICS****MATH 0990 Elementary Geometry (3)**

non-graduation credit

Course renumbered from MATH 0900

*Prerequisite: One year high school algebra and/or DSPM 0800; open only to students without geometry credit in high school.*

Designed to remove deficiency in high school geometry. Main topics include: properties, symmetry, congruency, and similarity of geometric figures; Pythagorean Theorem and right triangle relationships; areas; circles; constructions; use of geometrical thinking in solving problems.

**MATH 1010 Mathematical Thought and Practice (3)**

Course renumbered from MATH 1610

*Prerequisite: A mathematical background equivalent to high school Algebra I, Algebra II and Geometry.*

This course examines how different areas of mathematics explain and shape our world, as well as how we view and experience it. Exact content will vary, but will consist of a selection of 3 to 5 topics chosen from various areas of mathematics.

**MATH 1110 College Algebra (3)**

Course renumbered from MATH 1210

*Prerequisite: Two years high school algebra*

Basic algebraic concepts, equations, functions and graphs, inequalities, and systems of equations.

**MATH 1120 College Algebra (3)**

Course renumbered from MATH 1220

*Prerequisite: MATH 1110*

Matrices, conic sections, theory of equations, exponential and logarithmic functions, mathematical induction, sequences, permutations, combinations, probability, and other finite mathematical concepts.

**MATH 1234 Conceptual Linear Mathematics (3)**

Vectors, matrices, eigensystems, decompositions from a geometrical perspective. Algebraic formalism, components, computation and visualization using computer software. Applications from physics, chemistry, economics, computer science.

**MATH 1410 Structures of Mathematical Systems (3)**

Course renumbered from MATH 2110

*Prerequisite:* Two years high school mathematics

Problem solving, the system of rational numbers, logic, sets, functions, algebra, and number theory.

**MATH 1411 Structure of Mathematical Systems Lab (1)**

Course renumbered from MATH 211L

*Corequisite:* MATH 1410

Elective mathematics laboratory for students desiring extra assistance with MATH 1410. Lab instruction will focus on problem solving. Pass/Fall grading.

**MATH 1420 Structure of Mathematical Systems (3)**

Course renumbered from MATH 2120

*Prerequisite:* MATH 1410

Problem solving, proportionality, the real number system, probability, data analysis, geometric concepts and measurement.

**MATH 1421 Structure of Mathematical Systems Lab (1)**

Course renumbered from MATH 212L

*Corequisite:* MATH 1420

Elective mathematics laboratory for students desiring extra assistance with MATH 1420. Lab instruction will focus on problem solving. Pass/Fail grading.

**MATH 1530 Elements of Statistics (3)**

Course renumbered from MATH 1240

*Prerequisite:* MATH 1110

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 1610 Fundamental Concepts of Mathematics (3)**

Changed to MATH 1010

Course renumbered from MATH 1140

*Prerequisite:* A mathematical background equivalent to the completion of secondary school Algebra I and Geometry.

Logic, sets and counting, fundamental concepts of probability and statistics, and finance.

**MATH 1620 Fundamental Concepts of Mathematics (3)**

Course renumbered from MATH 1150

This course will be deleted after Fall 2003.

*Prerequisite:* MATH 1610

Geometry, matrices and Markov chains, linear programming, exponential and logarithmic functions.

**MATH 1720 Trigonometry (3)**

Course renumbered from MATH 1330

*Prerequisite: Two years high school algebra, 1110 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)**

Course renumbered from MATH 1610

*Prerequisite: Two years of high school algebra*

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)**

Course renumbered from MATH 1620

*Prerequisite: MATH 1810*

A 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)**

Course renumbered from 2010

*Prerequisite: Four years high school mathematics, including trigonometry*

Elements of plane analytic geometry, functions, limits and derivations of algebraic and trigonometric functions with applications, integration, and applications.

**MATH 1920 Calculus And Analytic Geometry (5)**

Course renumbered from 2020

*Prerequisite: MATH 1910*

Polar coordinates, numerical integration, infinite series, techniques of integration, improper integral, conic sections, and transcendental functions.

**MATH 2110 Calculus (3)**

Course renumbered from 2030

*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 will be discussed.

**MATH 3120 Differential Equations (3)**

Course renumbered from MATH 3100

*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)**

Course renumbered from MATH 3110

*Prerequisite:* MATH 3120

The Laplace transform and its application to differential equations, systems of linear differential equations, 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 1920

Basic probability, descriptive statistics, estimation of parameters, hypothesis tests, regression and correlation, goodness of fit, and analysis of variance.

**MATH 3260 Statistical Methods II (3)**

*Prerequisite:* Math 3250

Multiple regression, analysis of covariance, standard experimental designs, standard nonparametric methods, methods for sample surveys.

**MATH 3270 Experimental Design (3)**

*Prerequisite:* MATH 1920

The design and analysis of statistical experiments, factorial designs, two-level and full factorial designs, mixture designs, and response surface 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 3700 Mathematics of Finance (3)***Prerequisite: MATH 1120*

A mathematical treatment of the basic formulas underlying finance, investment and life insurance. An introduction to the theory of compound interest and compound discount, ordinary and general annuities, amortization and sinking funds, bonds and life insurance.

**MATH 4000 Mathematics Seminar (1)***Prerequisite: Math 1910*

The course will explore connections among the various content areas, such as Calculus, geometry, and statistics, 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)***Prerequisite: MATH 1420*

Informal geometry, regular polygons, tessellations, transformations, measurement, deductive reasoning, constructions, topology, and solid geometry.

**MATH 4030 Problem Solving For Elementary and Middle School Teachers (3)***Prerequisite: MATH 1420*

An in-depth investigation of problem solving strategies and procedures. Particular emphasis will be placed on problem solving in an algebraic context.

**MATH 4100 Mathematical Concepts Development (3)***Prerequisite: MATH 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 4160 Complex Analysis (3)***Prerequisite: MATH 1920*

The algebra of complex numbers, properties of analytic functions, elementary functions and mapping, complex integration, power series, residues and poles, conformal mapping.

**MATH 4200 Mathematics Content and Pedagogy for Middle School (3)***Prerequisites: MATH 1420*

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*

Sample spaces, counting techniques, discrete and continuous distributions, expected values, random walks, and Markov Chains.

**MATH 4250 Mathematical Statistics I (3)***Prerequisite: MATH 4240*

Discrete and continuous random variables and their probability distributions, multivariate distributions, covariance and correlation, central limit theorems, estimation of parameters.

**MATH 4260 Mathematical Statistics II (3)***Prerequisite: MATH 4250*

Properties of estimators, maximum likelihood estimation, hypothesis tests and power of tests, linear models using matrices, multiple regression, analysis of variance, and analysis of categorical data.

**MATH 4270 Nonparametric Statistics (3)***Prerequisite: MATH 4240*

Distribution free techniques for estimation of parameters and comparison of populations.

**MATH 4450 Mathematical Models (3)***Prerequisite: MATH 1920, 3450*

Formation of mathematical models for problems in science and business. Special emphasis on models requiring algebra, calculus, discrete methods, linear programming, and probabilistic models.

**MATH 4460 Applied Mathematics (3)***Prerequisite: 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*

Elected mathematical topics of general interest.

**MATH 4910, 4920, 4930 Topics in Mathematics (1 each)***Prerequisite: Permission of instructor*

Workshops of short duration, organized around topics of current interest.

**MEDICAL TECHNOLOGY (B.S.)***Department of Biology**College of Science and Mathematics**Advisors: Mayo (Director), Belcher, Robison**Location: Sundquist Science Complex, D125**Phone: 931-221-7781**Website: [www.apsu.edu/medtech/](http://www.apsu.edu/medtech/)*

The Medical Technology major is recommended for students interested in pursuing a career in the clinical laboratory. 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. Students must complete an admission packet to apply to the senior year and then, upon acceptance, complete the senior courses listed in the curriculum below. Applicants must have a minimum 2.5 cumulative GPA and an overall minimum GPA of 2.5 in science related courses. Applications to the senior year are made available in October for each class beginning the following June with the Summer term. Requirements for acceptance include: physical, application and essay, coursework completion, official transcripts, references, and interview. The courses which comprise the senior year include both campus-based didactic courses and practical courses at affiliate hospital clinical laboratories. Accepted students will complete the program the following spring at the end of May. Upon successful completion of the four-year program, a B.S. degree is awarded. A certificate is awarded for completion of the professional program in the senior year.

**SUGGESTED PROGRAM OF STUDY**

<b>Freshmen</b>	<b>Cr.</b>	<b>Sophomore Year</b>	<b>Cr.</b>
CHEM 1110, 1120	8	CHEM 3500, 4300	8
ENGL 1010, 1020	6	ENGL 2030 <sup>1</sup> , 20xx	6
MATH 1110, 1530	6	BIOL 4110, 4600, 4160, 4130 or 4440	4
BIOL 2010, 2020	8	BIOL 2300	4
PSY 1010	3	MUS 1030 <sup>1</sup>	3
PHED Elective <sup>2</sup>	1	HHP 1260	3
		SOC 2010 <sup>1</sup>	3
		PHED Elective <sup>2</sup>	1
		<b>Total Hours</b>	<b>32</b>
		<b>Total Hours</b>	<b>32</b>
<b>Summer-Full Session</b>	<b>Cr.</b>		
BIOL 4940, 4920, 4730	12		
		<b>Total Hours</b>	<b>12</b>
<b>Junior Year</b>	<b>Cr.</b>	<b>Senior Year</b>	<b>Cr.</b>
HIST 2010, 2020	6	BIOL 4750, 4090	7
THEA 1030 <sup>1</sup>	3	BIOL 4950, 4290	8
BIOL 3910, 3940, 3760	12	BIOL 4970, 4390	8
BIOL 4600, 4110, 4160, 4130 or 4440 <sup>4</sup>	4	BIOL 4980, 4490	8
ENGL 1100 <sup>1</sup>	3	BIOL 4900	1
COMM 1010	3		
Elective	6		
		<b>Total Hours</b>	<b>32</b>
		<b>Total Hours</b>	<b>37</b>

Academic Programs With Course Descriptions

<sup>1</sup> Strongly recommended, however other courses from the approved B.S. core may be elected.  
<sup>2</sup> Any lower-level ROTC course may be substituted for any of the above physical education activities courses. Each credit earned in Marching Band during the Fall semester may be substituted for one of the required physical education courses.  
<sup>3</sup> Clinical courses.  
<sup>4</sup> Course not selected in sophomore year.

**MILITARY SCIENCE AND LEADERSHIP***College of Professional Studies and Social Sciences**O'Hara (Chair), Werner, Lane, Nelson, Swords, Tripp**Location: Armory, 107**Phone: 931-221-6155**Website: [www.apsu.edu/rotc/](http://www.apsu.edu/rotc/)*

The Senior ROTC Program at APSU is an elective. 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. Enrollment in freshman or sophomore courses does not obligate the student in any way to military service. A minor is also available.

NOTE: Any lower level ROTC course may be substituted for any of the physical education activities courses for the Liberal Arts core requirements.

**ENROLLMENT:**

To be eligible for enrollment in the Basic Course, a student must:

1. Be accepted by the University as a regularly enrolled full-time student;
2. Be at least 17 years of age at time of enrollment;
3. Be physically qualified to participate in physical conditioning and leadership activities; and,
4. Successfully complete screening tests required by the University or the Department of Military Science.

To be eligible for enrollment in the Advanced Course, a student must:

1. Meet U.S. Army administrative, physical, and mental standards and be accepted by the Chair of Military Science.
2. Have completed the Basic Course, or have one or more years of active military service, or have completed the four-week ROTC Basic Summer Camp.
3. Be at least 17 and not more than 25 years of age at the time of enrollment. (The maximum age limit is subject to waiver under certain circumstances); and,
4. Have a minimum cumulative GPA of 2.0.

**FOUR-YEAR PROGRAM**

Developed for university freshman, the Four-Year Program is divided into the basic course the first two years, and the advanced course, including a summer camp, the last two years.

The Basic Course consists of the following courses: MSL 1010 w/Lab 101L, 1020 w/Lab 102L, 2010 w/Lab 201L, and, 2020 w/Lab 202L.

The Advanced Course consists of instruction for a minimum of three hours per week for two academic years and one four-week paid summer camp. Scholarship recipients and contracted Advanced Course students receive an allowance up to \$400 per month for ten months during each of the two school years.

**TWO-YEAR PROGRAM**

Developed for sophomores, juniors, seniors, and graduate students, the Two-Year program consists of instruction for a minimum of three hours per week for two academic years, and Basic and Advanced camps.

## VETERANS PROGRAM

Veterans of the armed services who qualify for the Advanced Course are individually evaluated based on military experience, and may receive constructive credit for two years of military science. Veterans continue to receive all VA Benefits and entitlements.

## SCHOLARSHIP PROGRAM

The U.S. Army ROTC Scholarship Program provides financial assistance to highly qualified (male and female) students. To qualify for a scholarship, the student must:

1. Complete successfully such screening tests as may be required by the Chair of Military Science;
2. Be able to complete all requirements for a commission and a college degree and be under 27 years of age by June 30<sup>th</sup> of the year in which they become eligible for commissioning;
3. Be able to meet and maintain the required medical standards; and,
4. Agree to complete the requirements for a commission, to accept either an Active Duty or Reserve commission, and to serve on active duty for a period specified.

All Army ROTC scholarships pay for tuition, books, laboratory expenses, and other purely educational costs. They also provide an allowance of up to \$400 per month for ten months during the school year.

On-campus ROTC scholarships are available to APSU freshmen, sophomores, and graduate students.

## COMMISSIONS

Upon completion of the Advanced Course and graduation from the University, a student will be commissioned as a Second Lieutenant in the Army Reserve, National Guard, or Active Army.

## DELAY FOR GRADUATE STUDY

An ROTC graduate may delay entry into active duty to pursue a full-time course of instruction leading to an advanced degree. Time spent in delay status does not increase active service obligation unless the government is paying for the advanced degree.

## ASSIGNMENT AFTER GRADUATION

ROTC graduates are assigned positions of responsibility which take advantage of their leadership and management training and their college education. Some officers may qualify for graduate study at government expense following entry into active duty. Students guaranteed reserve service will receive active duty schooling and return to their civilian career. Starting pay for entry level management position is approximately \$33,000 per year with 30 days paid leave each year and free medical and dental.

## RESERVE DUTY

Students in their junior year of ROTC can be guaranteed military service with the Army Reserve or National Guard. Such students would be required to serve on active duty for approximately four months for schooling and then return to a civilian career. This program is designed for those who want leadership and managerial training but do not want to serve on active duty in the Army. Students who desire Reserve Duty can compete for two-year scholarships.

## LEADERSHIP TRAINING COURSE (LTC)

Selected students may attend the four-week MSL 2030 LTC during the Summer term in lieu of the first two years of on-campus instruction. At camp, training is received in orienteering, repelling, wilderness survival skills, and basic military knowledge. Students attending LTC receive approximately \$600, and room and board. Three academic credit hours are granted for successful completion of LTC. LTC graduates are eligible for enrollment in the Advanced Course, and may compete for two year scholarships. Fees for MSL 2030 are waived.

## NATIONAL ADVANCED LEADERSHIP CAMP (NALC)

Advanced course students are required to attend a five-week MSL 3040 NALC during the Summer term, normally between their junior and senior years. At camp, training is received in leadership, small unit and individual tactics, map reading, orienteering, physical training, first aid, and communication. The camp is held at an active Army installation, and post facilities are available to the students during camp. Students attending NALC receive approximately \$750, and room and board. Four academic credit hours are granted for successful completion of NALC. Fees for MSL 3040 are waived.

## SUBSISTENCE ALLOWANCE

Contracted students will receive up to \$400 per month for ten months during each of two school years.

Scholarship recipients receive up to \$400 per month for 10 months during the year of duration of the scholarship. The scholarship pays for full tuition, and provides laboratory and book allowance, and other required educational fees.

## TEXTS, EQUIPMENT, UNIFORMS, AND FEES

The Military Science Department will provide texts\*, equipment, and uniforms required for participation in the ROTC program. (\*Advance Course cadets must pay for ROTC books, which cost approximately \$30 per term.)

## PROFESSIONAL MILITARY EDUCATION REQUIREMENTS

In addition to a baccalaureate degree, there are required and recommended courses in designated fields of study. Designated required courses are in the fields of written communications, human behavior, military history, computer literacy, and mathematical reasoning. Courses in management and national security studies are strongly recommended but are not required. Each contracted cadet must receive credit for at least one course in each required field, and should have credit for courses in the recommended fields prior to commissioning. Any discrepancies or conflicts should be brought to the attention of the Chair of Military Science to be resolved.

### MILITARY SCIENCE AND LEADERSHIP MINORS

1. Four-Year program-1010, 1020, 2010, 2020, 3010, 3020, 3040, 4010, 4020, and HIST 3370, 4510, 4530, 4700 or 4710\*
2. Two-Year program for non-veterans-2030, 3010, 3020, 3040, 4010, 4020, and HIST 3370, 4510, 4530, 4700 or 4710\*
3. Two-Year program for veterans-3010, 3020, 3040, 4010, 4020, and HIST 3370, 4510, 4530, 4700 or 4710\*

\* The Four-Year and Two-Year program also require Professional Military Education courses.



## COURSE DESCRIPTIONS

**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 laboratory (2) F**

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.

**MSL 1020 Leadership and Management Skills II****Two hours lecture, two hours laboratory (2) S**

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.

**MSL 2010 Introduction to Tactical Skills I****Two hours lecture, two hours laboratory (2) F***Prerequisites: MSL 1010, 1020, permission of instructor*

Basic military skills and knowledge to include rifle marksmanship, firing the M- 16 rifle; instruction on the principles of leadership; and customs and traditions of the service.

**MSL 2020 Introduction to Tactical Skills II****Two hours lecture, two hours laboratory (2) S***Prerequisites: MSL 1010, 1020, or permission of instructor*

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.

**MSL 2030 Leaders Training Course (3) SU**

Required for non-veterans entering their Junior year in the fall term. 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 compete for a two-year scholarship, undergraduate or graduate level.

**MSL 3010 Tactical Leadership I, -****Three hours lecture, two hours laboratory (3) F***Prerequisites: MSL 1010, 1020, 2010, 2020 or 2030*

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.

**MSL 3020 Tactical Leadership II,****Three hours lecture, two hours laboratory (3) S***Prerequisites: MSL 1010, 1020, 2010, 2020 or 2030*

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.

**MSL 3040 National Advanced Leadership Camp (4) SU***Prerequisites: MSL 3010, 3020, or permission of instructor*

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; orientation on combat arms team operations.

**MSL 4010 Advanced Military Skills/ Knowledge I,****Three hours lecture, two hours laboratory (3) F***Prerequisite: MSL 3020*

Leadership and management instruction designed to prepare the student for commissioning, the officer basic course, 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. Physical fitness is highly emphasized.

**MSL 4020 Advanced Military Skills/ Knowledge II,****Three hours lecture, two hours laboratory (3) S***Prerequisite: MSL 4010*

Leadership and management instruction designed to prepare the student for commissioning, the officer basic course, 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.

**MSL 4030 Military Leadership Seminar****Three hours lecture, two hours laboratory (3) F***Prerequisite: Advanced course enrollment*

Study of leadership techniques and theory through historical case studies, contemporary writings, and a performance-based program.

**MSL 4040 Military Leadership Seminar****Three hours lecture, two hours laboratory (3) S***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 (B.A. OR B.S.)**

*College of Arts and Letters*

*Henderson (Chair), Clark, Droste, Frank, A. Glass, Halbeck, King, S. Mabry, Massinon, Silverberg, Steffen, Steinquest, Vanarsdel, Wood, Yates.*

*Location: Music/Mass Communication, 139*

*Phone: (931) 221-7818 or 221-7529*

*Website: www.apsu.edu/mus\_page/*

**MISSION:**

The mission of the Department of Music is to provide a comprehensive undergraduate and graduate education that will produce skilled, knowledgeable, creative and articulate musicians.

The Department of Music seeks to fulfill its mission by:

- Providing training and experience for students preparing for careers in music performance and composition;
- Providing training toward the development of critical thinking in music;
- 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; 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.

**BA/BS in Music**

**Liberal Studies Concentration**

**SUGGESTED PROGRAM OF STUDY**

Freshman Year	Cr.	Sophomore Year	Cr.
MUS 1060 x 2	0	MUS 1060 x 2	0
MUS 1110, 1120	8	MUS 2110, 2120	8
MUS 1950, 1960	4	Ensemble	2
Ensemble	2	Private Instruction	4
Private Instruction	4	MUS 3160	3
MUS 1160 or 1100	1	MUS 1160 or 1100	1
MUS 1170 or 1100	1	MUS 1170 or 1100	1
ENGL 1010, 1020	6	ENGL 2030 Humanities Core <sup>1</sup>	3
Communication Core <sup>1</sup>	3	Humanities Core Section B <sup>1,2</sup>	3
Social Science Core <sup>1</sup>	3	PHED elective <sup>1</sup>	1
Health and Personal Dev. Core <sup>1</sup>	3	Science Core <sup>1</sup>	8
<b>Total Hours</b>	<b>32</b>	<b>Total Hours</b>	<b>34(31)</b>

Junior Year	Cr.	Senior Year	Cr.
MUS 1060 x 2	0	MUS 1060 x 2	0
Ensemble	2	Ensemble	2
Private Instruction	2	History Core <sup>1</sup>	6
MUS 3010, 3020	6	COMM 1010 or 2030 <sup>1</sup>	3
Math Core <sup>1</sup>	6	Inter. Foreign Language <sup>1,3</sup>	6
Elem. Foreign Language <sup>1,3</sup>	8	MUS 4930	1
Humanities Core Sec. C <sup>1</sup>	3	Music elective	1
PHED elective	1	Non Music elective	3
Social Science Core <sup>1</sup>	3		
Music Elective	3		
<b>Total Hours 26(34)</b>		<b>Total Hours 16(22)</b>	

The student must also complete a minor in another department.

<sup>1</sup> refer to Liberal Arts core requirements

<sup>2</sup> BS only

<sup>3</sup> BA only Suggested Program of Study

**BA/BS in Music**  
**Music Education Concentration**  
**Instrumental Specialization**

**SUGGESTED PROGRAM OF STUDY**

Freshman Year	Cr.	Sophomore Year	Cr.
MUS 1060	0	MUS 1060	0
MUS 1110, 1120	8	MUS 2110, 2120	8
MUS 1950, 1960	4	MUS 1630, 1350, or 1990	1
MUS 1160 or 1100	1	MUS 1600, 1350, or 1990	1
MUS 1170 or 1100	1	Private Instruction	4
MUS 1630, 1350, or 1990	1	EDUC 1000 <sup>4</sup> , 2100 <sup>4</sup>	3
MUS 1600, 1350, or 1990	1	Math Core <sup>1</sup>	6
Private Instruction	4	Science Core <sup>1</sup>	8
COMM 1010 or 2030	3	MUS 3890, 3900, 4790, 4800, or 4890	2
Social Science Core <sup>1</sup>	3	SPED 3000 <sup>4</sup>	3
HHP 1260 <sup>1</sup>	3	MUS 1100	4
ENGL 1010, 1020 <sup>1</sup>	6	MUS 3160*	3
<b>Total Hours 35</b>		<b>Total Hours 38 (43)</b>	

Junior Year	Cr.	Senior Year	Cr.
MUS 1060	0	MUS 1060	0
Private Instruction	2	MUS 3630, 3350, or 3990	1
MUS 3010, 3020	6	MUS 3600, 3350, or 3990	1
MUS 3630, 3350, or 3990	1	MUS 4810, 4930	4
MUS 3600, 3350, or 3990	1	MUS 1250 or 1500	1
MUS 3890, 3900, 4790, 4800, or 4890	3	EDUC 3040, 4080, 4160, 4270 <sup>4</sup>	12
MUS 3890, 3900, 4790, 4800, or 4890	3	PSY 3110 or 3200 <sup>4</sup>	3
MUS 3240, 3800, 3820, 4260	8	Social Science Core <sup>1</sup>	3

MUS 3860, 4240, or 4420	3	Humanities Core Sec. B <sup>1,2</sup>	3
ENGL 2030 Hum. Core sec. B <sup>1</sup>	3	Humanities Core Sec. C <sup>1</sup>	3
History Core <sup>1</sup>	3	History core <sup>1</sup>	3
PSY 3130 <sup>4</sup>	3		
Non Music elective	3		
<b>Total Hours</b>	<b>39</b>	<b>Total Hours</b>	<b>34(37)</b>

<b>Fifth</b>	<b>Cr.</b>
EDUC 4200 <sup>4</sup>	3
Student Teaching <sup>4</sup>	12
<b>Total Hours</b>	<b>15</b>

<sup>1</sup> Refer to Liberal Arts core requirements

<sup>2</sup> BS only

<sup>3</sup> BA students must complete one year of intermediate foreign language in addition to above requirements.

<sup>4</sup> Professional Education Minor

\* highly recommended

It is strongly recommended that students in this degree program attend at least one summer session due to the fact that most instrumental majors enroll in more than one ensemble per semester.

**BS in Music**  
**Music Education Concentration**  
**Keyboard Specialization**

**SUGGESTED PROGRAM OF STUDY**

<b>Freshman Year</b>	<b>Cr.</b>	<b>Sophomore Year</b>	<b>Cr.</b>
MUS 1060 x 2	0	MUS 1060 x2	0
MUS 1110, 1120, 1950, 1960	12	MUS 2110, 2120, 2020*	11
COMM 1010 OR 2030 <sup>1</sup>	3	Ensemble	2
Ensemble	2	Private Instruction	4
Private Instruction	4	EDUC 1000 <sup>4</sup> , 2100 <sup>4</sup>	3
ENGL 1010 <sup>1</sup> , 1020 <sup>1</sup>	6	Math Core <sup>1</sup>	6
HHP 1260 <sup>1</sup>	3	SPED 3000	3
PE elective <sup>1</sup>	1	Science Core <sup>1</sup>	4
Social Science Core <sup>1</sup>	3	PHED elective <sup>1</sup>	1
		Social Science Core <sup>1</sup>	3
<b>Total Hours</b>	<b>34</b>	<b>Total Hours</b>	<b>36(39)</b>

Junior Year	Cr.	Senior Year	Cr.
MUS 1060 x2	0	MUS 1060 x2	0
Private Instruction	2	Ensemble	2
MUS 1200,3010, 3020, 4310	11	MUS 1200, 4930	2
Ensemble	2	MUS 4810	3
MUS 3240, 3250, 3800, 3810	8	MUS 4380, 4270, or 4280	3
MUS 4380, 4270, or 4280	3	PSY 3110 or 3200 <sup>4</sup>	3
MUS 1210 or pass proficiency	1	EDUC 3040 <sup>4</sup> , 3070 <sup>4</sup> , 4270 <sup>4</sup> ,4080 <sup>4</sup>	12
PSY 3130 <sup>4</sup>	3	SPED 4160 <sup>4</sup>	3
Non Music elective	3	Humanities Core Sec. C <sup>1,2</sup>	3
ENGL 2030 Hum. Core sec. B <sup>1</sup>	3	History core <sup>1</sup>	3
History Core <sup>1</sup>	3	Humanities Core Sec. C <sup>1</sup>	3
<b>Total Hours</b>	<b>39</b>	<b>Total Hours</b>	<b>34(37)</b>

Fifth	
EDUC 4200 <sup>4</sup>	3
Student Teaching <sup>4</sup>	12
<b>Total Hours</b>	<b>15</b>

<sup>1</sup>Refer to Liberal Arts core requirements

<sup>2</sup>BS only

<sup>3</sup>BA students must complete one year of intermediate foreign language in addition to above requirements

<sup>4</sup>Professional Education Minor

\*highly recommended

**BA/BS in Music**  
**Music Education Concentration**  
**Vocal Specialization**

**SUGGESTED PROGRAM OF STUDY**

Freshman Year	Cr.	Sophomore Year	Cr.
MUS 1060 x2	0	MUS 1060 x2	0
MUS 1110, 1120, 1500	10	MUS 1100 x2, 2110, 2120	10
MUS 1950, 1960	4	MUS 1500 x2	2
MUS 1160 or 1100	1	MUS 3160 *	3
MUS 1170 or 1100	1	Private Instruction	2
Private Instruction	4	EDUC 1000 <sup>4</sup> , 2100 <sup>4</sup>	3
ENGL 1010 <sup>1</sup> , 1020 <sup>1</sup>	6	Private Instruction	2
HHP 1260 <sup>1</sup>	3	SPED 3000 <sup>4</sup>	3
PHED elective <sup>1</sup>	1	Science Core <sup>1</sup>	8
COMM 1010 or 2030 <sup>1</sup>	3	Math Core <sup>1</sup>	6
Social Science Core <sup>1</sup>	3	PHED elective <sup>1</sup>	1
<b>Total Hours</b>	<b>36</b>	<b>Total Hours</b>	<b>37 (40)</b>

Junior Year	Cr.	Senior Year	Cr.
MUS 1060 x2	0	MUS 1060 x2	0
Private Instruction x2	2	MUS 3500 x2	2
MUS 3010, 3020	6	Humanities Core Sec. C <sup>1,2</sup>	3
MUS 3500 x2	2	MUS 4810, 4930	4
MUS 1100 x2	2	PSY 3110, or 3200 <sup>4</sup>	3
MUS 3800, 3810, 3250, 3240	8	EDUC 3040 <sup>4</sup> , 4080 <sup>4</sup>	6
MUS 1210 or pass proficiency	1	EDUC 3070 <sup>4</sup>	3
MUS 4380 or 4270	3	SPED 4160 <sup>4</sup>	3
MUS 4390, 4370 or 4450	3	History core <sup>1</sup>	3
ENGL 2030 Hum. Core sec. B <sup>1</sup>	3	Humanities Core Sec. C <sup>1</sup>	3
History Core <sup>1</sup>	3		
PSY 3130 <sup>4</sup>	3		
Non Music elective	3		
<b>Total Hours</b>	<b>19</b>	<b>Total Hours</b>	<b>33(37)</b>

Fifth Year	Cr.
EDUC 4200 <sup>4</sup>	3
Student Teaching <sup>4</sup>	12
<b>Total Hours</b>	<b>15</b>

<sup>1</sup>refer to Liberal Arts core requirements

<sup>2</sup>BS only

<sup>3</sup>BA students must complete one year of intermediate foreign language in addition to above requirements.

<sup>4</sup>Professional Education Minor

\*highly recommended

It is strongly recommended that students in this degree program attend at least one summer session.

**BA/BS in Music**  
**Performance Concentration**  
**Composition Specialization**

**SUGGESTED PROGRAM OF STUDY**

Freshman Year	Cr.	Sophomore Year	Cr.
MUS 1060 x2	0	MUS 1060 x 2	0
MUS 1110, 1120	8	MUS 2100, 2120	8
MUS 1950, 1960	4	MUS 2020, 3510, 3520	9
MUS 1170 or 1100	1	MUS 1100 x2	2
Ensemble	2	PHED Elective <sup>1</sup>	1
Private Instruction	4	ENGL 2030 Humanities Core <sup>1</sup>	3
MUS 1160 or 1100	1	PHED Elective	1
ENGL 1010 <sup>1</sup> , 1020 <sup>1</sup>	6	Ensemble	2
Health and Personal Dev. Core <sup>1</sup>	3	Private Instruction	2
Social Science Core <sup>3</sup>	3	HUM Core Section B <sup>1,2</sup>	3
Math Core <sup>1</sup>	3	Science Core <sup>1</sup>	4
		Math Core <sup>1</sup>	3
<b>Total Hours</b>	<b>34</b>	<b>Total Hours</b>	<b>40(42)</b>

Junior Year	Cr.	Senior Year	Cr.
MUS 1060 x2	0	MUS 1060 x2	0
MUS 3010, 3020, 3530, 3540, 4350	15	MUS 4110, 4120, 4510, 4520	12
Private Instruction	1	MUS 4810, 4950	4
Ensemble	2	Pedogogy and Methods Elective <sup>5</sup>	4
HUM Core Seciton C <sup>1</sup>	3	Ensemble	2
Elem. Foreign Language <sup>1,3</sup>	9	History Core <sup>1</sup>	6
Non Music elective	6	COMM 1010 or 2030 <sup>1</sup>	3
Music Lit Elective <sup>4</sup>	6	Inter. Foreign Language <sup>1,3</sup>	6
Social Science Core <sup>1</sup>	3		
<b>Total Hours</b>	<b>40(44)</b>	<b>Total Hours</b>	<b>19(23)</b>

<sup>1</sup> refer to Liberal Arts core requirements

<sup>2</sup> BS only

<sup>3</sup> BA only

<sup>4</sup> Choose from 4310, 4330, 4340, 4370, 4390, 4420, 4430, 4450, 4460, 4550

<sup>5</sup> Choose from 3890, 3900, 4790-4800, 4890, 4270

**BA/BS in Music**  
**Performance Concentration**  
**Instrumental Specialization**

**SUGGESTED PROGRAM OF STUDY**

Freshman Year	Cr.	Sophomore Year	Cr.
MUS 1060 x2	0	MUS 1060 x2	0
MUS 1120, 1600, 1630, 1950, 1960	10	MUS 2110, 2120, 3160	11
MUS 1160 or 1100	1	MUS 1170 or 1100	1
MUS 1170 or 1100	1	MUS 1600, 1630	2
Ensemble	2	MUS 1160 or 1100	1
Private Instruction	6	Ensemble	2
HHP Core <sup>1</sup>	3	Private Instruction	6
ENGL 1010 <sup>1</sup> , 1020 <sup>1</sup>	6	ENGL 2030 <sup>1</sup>	3
Social Science Core	3	Science Core <sup>1</sup>	8
		Humanities Core Section B <sup>1,2</sup>	3
<b>Total Hours</b>	<b>32</b>	<b>Total Hours</b>	<b>34(37)</b>

Junior Year	Cr.	Senior Year	Cr.
MUS 1060 x2	0	MUS 1060 x2	0
Private Instruction	6	Private Instruction	6
MUS 3010, 3950, 4110	7	MUS 4320, 4420, or 4430	3
MUS 1600, 1630, 3020, 4120	8	MUS 3600, 3630, 3800, 3820,	6
Social Science Core <sup>1</sup>	3	MUS 4260, 4950	5
Math Core <sup>1</sup>	6	History Core <sup>1</sup>	6
Humanities Core Section C <sup>1</sup>	3	COMM 1010 or 2030 <sup>1</sup>	3
Elem. Foreign Language <sup>1,3</sup>	8	Non Music elective	6
		Intermed. Foreign Language <sup>1,3</sup>	6
<b>Total Hours</b>	<b>33(40)</b>	<b>Total Hours</b>	<b>35(41)</b>



<sup>1</sup> refer to Liberal Arts core requirements

<sup>2</sup> BS only

<sup>3</sup> BA only

**BA/BS in Music  
Performance Concentration  
Keyboard Specialization**

**SUGGESTED PROGRAM OF STUDY**

Freshman Year		Cr.	Sophomore Year		Cr.
MUS 1060 x2		0	MUS 1060 x2		0
MUS 1110, 1120		8	MUS 2110, 2120		8
MUS 1950, 1960		4	Ensemble		2
Ensemble		2	Private Instruction		6
Private Instruction		6	MUS 3160		3
ENGL 1010 <sup>1</sup> , 1020 <sup>1</sup>		6	MUS 1700 x2		2
Health and Personal Dev. Core <sup>1</sup>		3	PHED elective <sup>1</sup>		1
Non Music elective		6	ENGL 2030 Humanities Core <sup>1</sup>		3
HUM Core Section C <sup>1</sup>		4	HUM Core Section B <sup>1,2</sup>		3
			Science Core <sup>1</sup>		8
			Math Core <sup>1</sup>		3
			<b>Total Hours</b>		<b>35(39)</b>
		<b>38</b>			

Junior Year		Cr.	Senior Year		Cr.
MUS 1060 x2		0	MUS 1060 x2		0
Private Instruction		6	Private Instruction		6
MUS 3010, 3020, 3800, 3950, 4430		12	History Core <sup>1</sup>		6
PHED Elective <sup>1</sup>		1	COMM 1010 or 2030 <sup>1</sup>		3
MUS 3700 x2		2	Music elective		3
Music Elective <sup>1</sup>		3	Inter. Foreign Language <sup>1,3</sup>		1
Math Core <sup>1</sup>		3	MUS 3700 x2, 4110, 4120		8
Social Science Core <sup>1</sup>		6	MUS 4330, 4340, or 4350		3
Elem. Foreign Language <sup>1,3</sup>		8	MUS 4280, 4950, 4310, 4930		9
			Non Music elective		3
			Inter. Foreign Language <sup>1,3</sup>		3
			<b>Total Hours</b>		<b>39(45)</b>
		<b>33(41)</b>			

<sup>1</sup> refer to Liberal Arts core requirements

<sup>2</sup> BS only

<sup>3</sup> BA only

Academic Programs With Course Descriptions

**BA/BS in Music**  
**Performance Concentration**  
**Vocal Specialization**

**SUGGESTED PROGRAM OF STUDY**

<b>Freshman Year</b>		<b>Cr.</b>	<b>Sophomore Year</b>		<b>Cr.</b>
MUS 1060 x2		0	MUS 1060 x2		0
Private Instruction		6	Private Instruction		6
MUS 1110, 1120, 1950, 1960		12	MUS 2110, 2120, 3160		11
MUS 1160 or 1100		1	MUS 1160 OR 1100		1
MUS 1170 or 1100		1	MUS 1170 or 1100		1
MUS 4522, 4523, 4524		1	MUS 1500 x2		2
MUS 1500 x2		2	MUS 4522, 4523, or 4524		1
ENGL 1010 <sup>1</sup> , 1020 <sup>1</sup>		6	Humanities core, Section B <sup>1,2</sup>		3
Health and Personal Dev. Core <sup>1</sup>		3	Science Core <sup>1</sup>		8
PHED elective <sup>1</sup>		1	ENGL 2030 <sup>1</sup>		3
Humanities core *Section C <sup>1</sup>		3	PHED elective		1
<b>Total Hours</b>		<b>36</b>	<b>Total Hours</b>		<b>35(37)</b>
<b>Junior Year</b>		<b>Cr.</b>	<b>Senior Year</b>		<b>Cr.</b>
MUS 1060 x2		0	MUS 1060 x2		0
Private Instruction		6	Private Instruction		6
MUS 3010, 3020, 4110, 4120		12	MUS 3800, 3940, 4270, 4950		9
MUS 4522, 4523, 4524		1	MUS 3500 x2		2
MUS 3500 x2		2	MUS 4370 or 4450		3
MATH core <sup>1</sup>		6	History core <sup>1</sup>		6
Social Science core <sup>1</sup>		6	COMM 1010 or 2030		3
Elem. Foreign Language		8	Interm. Foreign Language		6
			Non Music elective		3
<b>Total Hours</b>		<b>41</b>	<b>Total Hours</b>		<b>38</b>

<sup>1</sup> refer to liberal arts core requirements

<sup>2</sup> BS only

**MUSIC MINOR**

MUS THEORY	1110, 1120
MUS LIT	1950, 1960
GRP APPL MUS	Appropriate ensemble – four hours
IND APPL	Major – eight hours

**REQUIREMENTS**

The student who plans to teach music should elect an emphasis within the Music Education concentration. Students who do not seek licensure to teach music may elect an emphasis within the Music Performance concentration or the Liberal Studies Music concentration.

**Audition** - Audition is required for scholarship as well as admission to the Department of Music. Contact the Department for audition times.

**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); for vocal majors, the University Chorus 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 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.

**Theory Placement** - All entering music majors are required to take a theory placement exam at a preannounced time. An unsatisfactory score will result in students being required to successfully pass Fundamentals of Music Theory I and II before beginning the Theory 1110 sequence.

**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 attempts to pass the Junior Level Examination. A minimum of three semesters 3000 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** - Students enrolled in the vocal or keyboard emphasis of the Music Education concentration must also demonstrate appropriate guitar skills by passing the guitar proficiency examination or Class Guitar.

**Vocal Performance** - Students enrolled in the vocal emphasis of the Music Performance concentration must complete four semesters of 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 this school.

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

## COURSE DESCRIPTIONS

### 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 1110/1120 (Music Theory I). The basics of notation, scales, meters, intervals and chords will be emphasized. This class will be required to students unable to pass the diagnostic exam for Music Theory I.

**MUS 1060 Recital Attendance (Pass/Fail)**

Full-time Music majors are required to attend 15 approved recitals and concerts each semester.

**MUS 1110, 1120 Music Theory I (4 each) Five periods**

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 1950, 1960 Introduction to Music Literature (2 each)**

A survey of media and composers important in each period of music history, with special attention to the predominant musical style of the period. These courses must be taken sequentially.

**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, contemporary indigenous music, and 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 2050 Beginning Music Reading and Performance (3)**

An activities course, providing the general college student an introduction to reading music and performing through singing or playing one of a variety of instruments.

**MUS 2100 Music in America (3)**

A survey of all kinds of music widely available in present-day America, designed to improve listening skills and discrimination.

**MUS 2110, 2120 Music Theory II (4 each) Five periods**

*Prerequisites: MUS 1110, 1120*

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 3010, 3020 Music History (3 each)**

*Prerequisites: MUS 1950, 1960*

A historical survey of the development of music from Greek civilization to the present day. These courses must be taken sequentially.

**MUS 3080 Music for Elementary Teachers (3)**

A basic course for elementary classroom teachers. This course requires no previous musical background. Emphasis is on the development of functional skills in rhythm, melody, harmony, listening skills, and creative experiences.

**MUS 3140 Introduction to Jazz Harmony (2)**

*Prerequisite: MUS 2120*

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 Lab (1)**

This course extends the Intro to jazz Harmony course providing a lab experience, with either a live or a 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.

**MUS 3160 Introduction to Music Technology (3)**

*Prerequisite: Music majors and minors or by permission of instructor*

Practical familiarity and a basic theoretical understanding of current music technology and its educational application. Surveys computer and instrument hardware and software, interactive CD-ROMS, Internet resources, CU-SeeMee video teleconferencing, MIDI, sequencing and music notation programs, and multimedia authoring.

**MUS 3170 Computer-Based Notation (3)**

*Prerequisite: Music majors and minors or by permission of instructor*

An introduction to computer-based music engraving using Finale notation software.

**MUS 3240 Introduction to Music Education (3)**

*Prerequisite: MUS 1120*

Music teacher competencies, relevant issues, and current practices in K-12. Vocal, general, and instrumental music programs will be covered.

**MUS 3250 Music in the Elementary School (3)**

*Prerequisite: MUS 3240*

Music in the elementary school, child psychology as it relates to elementary school music. Methods and materials for elementary grades.

**MUS 3510, 3520 Beginning Composition (3 each)**

*Prerequisites: MUS 1110, 1120 and permission of instructor*

Covers the basic craft of composition for students with no prior background in creative composition. Emphasis will be on writing short instrumental pieces (one to five instruments) using simple formal constructions and vocal music with emphasis on methods of text setting.

**MUS 3530, 3540 Intermediate Composition (3 each)**

*Prerequisites: MUS 3510, 3520*

Class will cover more sophisticated instrumental and vocal techniques in chamber music with particular attention given to the use of more advanced techniques of musical development and formal construction.

**MUS 3860 Guitar Pedagogy (3)**

Prepares students to teach guitar on the class and studio level. It will include lectures on teaching techniques, survey of materials, and laboratory teaching and observance.

**MUS 4110, 4120 Music Analysis (3 each)**

*Prerequisite: MUS 2120*

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. These courses must be taken sequentially.

**MUS 4240 Marching Band Techniques (3)**

Planning field shows for the marching band, charting, dance steps, parades, routines, 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.

**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; others with the consent 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 3020*

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; 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 1950, 1960*

Development of opera from its beginning in the late 16th century to the present.

**MUS 4460 Music of Many Cultures (3)**

*Prerequisites: MUS 1950, 1960 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 4510, 4520 Advanced Composition (3 each)**

*Prerequisite: MUS 3520*

Covers advanced compositional techniques. Emphasis will be on music for larger ensembles (extended chamber ensembles and orchestra).

**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 4610, 4620 Topics in Music Education (1 each)**

Workshops of short duration, organized under the direction of a visiting clinician. The subject may be any one appropriate in the field of music education.

**MUS 4810 Orchestration (3)**

*Prerequisite: MUS 2120*

Arranging and transcribing for instruments; basic ranges and transpositions; sonorities of individual instruments and their combinations.

**APPLIED MUSIC - GROUP INSTRUCTION**

1xxx and 2xxx numbered courses are freshman and sophomore level; 3xxx and 4xxx numbered courses are upper division.

**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, 1220 Class Guitar (1 each) Two periods**

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.

**MUS 1250 Class Voice (1) Two periods**

Group instruction in the fundamental processes of good singing-breathing, tone production, diction.

**MUS 1350, 3350\* Orchestra (1 each) Three periods**

Open to all students with permission of instructor.

**MUS 1500, 3500\* Choir (1 each) Three periods**

Open to all students with the permission of the instructor.

**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 1710, 3710\* Chamber Ensemble (1 each)**

Experiences in preparing and performing music written for small ensembles.



**MUS 1760, 3760\* Woodwind Ensemble (1 each) Three periods**

Open to all students with the permission of instructor.

**MUS 1770, 3770\* Electronic Music Ensemble (1 each) Three periods**

Open to any student by audition.

**MUS 1910, 3910\* Chamber Singers (1 each) Three periods**

Open to any student by audition.

**MUS 1920, 3920\* Brass Choir (1 each) Three periods**

Any student may enter with permission of instructor.

**MUS 1930, 3930\* Jazz Band (1 each) Three periods**

Any student may enter with 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 1980, 3980\* Percussion Ensemble (1 each) Three periods**

Any student may enter with permission of instructor.

**MUS 1990, 3990\* Guitar Ensemble (1 each) Three periods**

Open to all students with permission of the instructor.

**MUS 2160, 2170 Class Piano II (1 each)**

*Prerequisites: MUS 1160, 1170 or permission of instructor*

Group instruction for music majors. The second year piano class builds upon the skills developed during the first year. Students work toward completion of the chorale, sightreading, and accompanying portions of the piano proficiency exam.

**MUS 3800 Basic Conducting (2) Three periods**

Elementary theory and practice of conducting. Basic beat patterns, subdivisions, beat character, basic score reading.

**MUS 3810 Choral Conducting (2) Three periods**

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**

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.

\* May be repeated for credit

**MUS 3890 Brass Group Instruction (2) Three periods**

Acquisition of a working knowledge of the brasswind 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 4790, 4800 Woodwind Group Instruction (1 each) Two periods**

Practical playing experience and instruction in methods of tone production, fingering, and care of the single reed, double reed and non-reed woodwind instruments.

**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

### APPLIED MUSIC - INDIVIDUAL INSTRUCTION

Enrollment for individual applied music lessons must have the approval of the instructor.

Students who miss regularly scheduled lessons (except for reasons of illness or institutionally excused absence) are not entitled to makeup lessons or refunds. All fees are paid in the Business Office of the University.

**FEES PER SEMESTER**

One half-hour lesson per week      \$100

One hour lesson per week      \$200

The 1xxx level courses listed below may be taken for 1, 2, or 3 hours credit. The 3xxx level courses may be taken for 1 or 3 hours credit. May be repeated for credit.

MUS 1100-3100	Piano
MUS 1150-3150	Organ
MUS 1200-3200	Voice
MUS 1300-3300	Violin
MUS 1310-3310	Viola
MUS 1320-3320	Cello
MUS 1330-3330	String Bass
MUS 1340-3340	Saxophone
MUS 1370-3370	Flute
MUS 1380-3380	Oboe
MUS 1390-3390	Clarinet
MUS 1410-3410	Bassoon
MUS 1420-3420	French Horn
MUS 1430-3430	Trumpet
MUS 1440-3440	Trombone
MUS 1450-3450	Baritone
MUS 1460-3460	Tuba

- MUS 1470-3470 Percussion
- MUS 1480-3480 Guitar
- MUS 3950 Junior Recital (1)
- MUS 4930 Senior Recital (1)
- MUS 4950 Senior Recital (2)

## NUCLEAR MEDICAL TECHNOLOGY

See Radiologic Technology, page 364.

## NURSING (B.S.N.)

*School of Nursing*

*College of Professional Programs and Social Sciences*

*Martin, K.L. (Director), Armstrong, Burgess, Busey, Davenport, Farrar, Fiese, Gillon, Hamlin, Lindsay, Suttle, G. Thompson, L. Thompson, Tracy, White, Zeigler*

*Location: McReynolds, 122*

*Phone: 931-221-7710*

*Website: [www.apsu.edu/nursing01/](http://www.apsu.edu/nursing01/)*

(Information within this bulletin is updated annually. Updates may occur more frequently and are published through the School of Nursing site on the APSU web page.)

The four-year Baccalaureate Nursing Program is composed of lower level prerequisite Nursing and Liberal Arts core courses, and upper level nursing courses. Students completing the program will earn a B.S.N. degree, and will be academically eligible to write the Registered Nurse Licensing Examination for R.N. licensure. As a professional nurse, the baccalaureate graduate is educated to utilize the nursing process in a variety of settings and has an academic base for future specialization as a teacher, clinician, administrator or researcher. Non-baccalaureate prepared registered nurses may pursue the BSN degree through the RN-BSN track.

The BSN 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 the following:

<u>Tennessee Department of Health</u>	<u>National League for Nursing Accrediting Commissions</u>
Board of Nursing 1st Floor Cordell Hull Building 425 5th Ave. North Nashville, TN 37247-1010 (615) 532-5166	61 Broadway 33rd Floor New York, NY 10006 (212) 363-5555 x153 <a href="http://www.nlnac.org">www.nlnac.org</a>

## MISSION

The baccalaureate nursing program at APSU is a four year program designed to prepare a professional nurse generalist as described by the ANA Standards of Clinical Nursing Practice. The nursing student comes to the University with knowledge, skills and values that are

expanded and modified through the educational process and the liberal arts curriculum developing an educational base for life-long learning and an awareness of diversity and its effect on self-care. Faculty serve as role models, demonstrating mastery of nursing knowledge, skills, and a commitment to the profession of nursing.

**PHILOSOPHY** (Abridged version. A complete statement of the Philosophy may be located through the School of Nursing site on the APSU web page.)

The School of Nursing, as an integral part of the University, is in concert with its mission and purpose. Consistent with the overall University mission, the School of Nursing emphasizes the preparation of knowledgeable professional nurse generalists who meet present and future health care needs. The faculty believes a professional nursing curriculum is based on educational content supportive of their beliefs about individuals, society, health, nursing and learning. The nursing curriculum is built on a foundation of liberal arts, natural and social sciences. The Orem Self-Care Model is seen by the faculty as an appropriate basis for nursing practice. Nursing is a dynamic practice discipline whose focus is caring for individuals, groups and communities using a holistic approach. Actions and roles are deliberately selected and performed by nurses to help individuals, groups, or communities under their care to maintain or change their self-care practices. The concepts of critical thinking, communication, and therapeutic nursing care promote the development of the emerging professional nurse. The education process involves the recognition of each student as a unique individual and requires open communication between student and faculty. It is the responsibility of the student to be active in the pursuit, acquisition, internalization, and application of knowledge.

### PROGRAM OUTCOMES

1. To prepare beginning professional nurse generalists as described by the ANA Standards of Nursing Practice;
2. To develop an educational basis for life-long learning; and
3. To develop an awareness of diversity and its affect on self-care.

### APPLICATION AND ADMISSION REQUIREMENTS

1. Students applying for admission to the lower division of the Bachelor of Science in Nursing Program must meet the regular requirements for admission to APSU.
2. To begin upper division nursing classes, students must have Junior status (60 semester hours) and be admitted by the School of Nursing. Eligibility requirements to apply for admission include: completion of a School of Nursing application, School of Nursing checklist of completed courses on file in the Nursing Office, transcripts verifying all completed coursework, "C" or better in all prerequisite nursing courses, and a minimum cumulative GPA of 2.8 which is inclusive of all college/university grades completed at any APSU recognized college/university. This inclusive definition of cumulative GPA will apply to both students who are seeking the BSN as their first degree, and any student who has previously achieved an academic degree (e.g. second degree students).
3. Completed application for upper division should be received by the School of Nursing no later than February 1 of the application year. A completed application includes:
  - a. Application to APSU with acceptance for regular admission;
  - b. Official APSU transcripts, copies of non-APSU official transcripts from the Office of the Registrar and transfer evaluations for accepted transfer students;
  - c. Completed School of Nursing "Application to Upper Division" for Bachelor of Science in Nursing; and,

- d. Registered Nurse students must present a copy of current authorization to practice either by licensure or board authorization.
4. The Admissions Committee of the School of Nursing selects candidates for admission from the students who meet the admission requirements. All applicants will be notified by mail as soon as possible after March 15. (Because of limited numbers of places in upper division, not all applicants meeting the eligibility requirements to apply for admission will be selected. Selections will be based on ranking of candidates by cumulative GPA.)
5. Students offered a position in the upper division must reply by a date to be published by the School of Nursing.
6. Following acceptance into upper division of the BSN program, students must:
  - a. 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.
  - b. Provide verification of: a negative report of tuberculin skin test or a chest x-ray dated no more than three months prior to enrollment in upper division, vaccination or proof of immunity to rubella, varicella, rubeola, and Hepatitis B series; and,
  - c. Verification of current certification in Basic Cardiac Life Support (CPR), comparable to the Health Care Provider Course of the American Heart Association.
7. 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.

### **RN-BSN COMPLETION PROGRAM TRACK**

Application and admission requirements to the RN-BSN track are the same as for the basic program. Applicants must complete nursing prerequisite courses and all but 12 hours of Liberal Arts core requirements prior to admission to upper level nursing courses. In addition, authorization to practice as a registered nurse either by licensure or board authorization must be documented at the time of entrance. Upper division credit status must be determined by the RN-BSN coordinator at the time of initial application for specified upper division nursing courses. To receive escrow transfer credit for lower division nursing courses, students must submit verification of graduation from an NLNAC accredited program and document employment as an RN within the past three years at the time of application.

Students not graduating from an NLNAC accredited program or employed as an RN within the past three years must take the Excelsior College Examination or courses as specifically advised by the RN-BSN coordinator or School of Nursing Director.

The RN-BSN track program begins in the summer term each year. The RN-BSN nursing major includes: 3010, 3020, 3040, 3080, 4010, 4020, 4050, 4070, and 4080.

### **NURSING MAJOR:**

3010, 3020, 3030, 3040, 3060, 3070, 3080, 4010, 4040, 4050, 4060, 4070, 4080.  
 Students provide their own travel to and from clinical facilities as assigned by faculty.  
 Related courses (if not taken in the Liberal Arts core requirements): BIOL 2010, 2020, 2300; CHEM 1010, 1020; MATH 1110, 1530; PSY 1010, 3110; SOC 2010.

### **Progression**

A grade of "C" or better is required to pass any upper division nursing course and to progress in the curriculum. When a course has a clinical component, the student must pass both the theory and the clinical component in order to pass the course. The policy on progression is available from the Director of the School of Nursing.

## SUGGESTED PROGRAM OF STUDY

(Includes all Liberal Arts core requirements for B.S. degree. See page 116 for Liberal Arts core requirements).

PRE-NURSING-LOWER DIVISION

Freshman Year	Cr	Sophomore Year	Cr
ENGL 1010, 1020	6	CHEM 1010, 1020 <sup>1,2</sup>	8
BIOL 2010, 2020 <sup>1,2</sup>	8	Humanities core, Part C <sup>1</sup>	6
MATH 1110, 1530 <sup>1,2</sup>	6	ENGL 2030	3
COMM 1010	3	BIOL 2300 <sup>2</sup>	4
PSY 1010	3	HIST 2020	3
HIST 2010	3	PHIL <sup>1</sup>	3
Computer Literacy	3	PSY 3100 <sup>1,2</sup>	3
SOC 2010	3	PHED <sup>1</sup>	1
PHED	1	Elective	3
<b>Total Hours</b>	<b>36</b>	<b>Total Hours</b>	<b>34</b>

Alternative Schedule:

Take three hours of lower division courses during a Summer Session prior to the junior year.

NURSING-UPPER DIVISION \*

Junior Year	Cr	Senior Year	Cr
NURS 3010, 3020, 3030, 3040	15	NURS 4010, 4040, 4050	18
NURS 3060, 3070, 3080	18	NURS 4060, 4070, 4080	16
<b>Total Hours</b>	<b>33</b>	<b>Total Hours</b>	<b>34</b>

<sup>1</sup>Meets Liberal Arts core requirement.

<sup>2</sup>Prerequisite Nursing Core must be taken before admission to junior level nursing courses. (A maximum of 12 hours in the Liberal Arts core may remain unearned by the beginning of the junior year, but must be completed during that year.)

\*Curriculum is full time.

Nursing lab and clinical hour requirements are conducted using a 2 clock hour = 1 student credit hour ratio. (1 clock hour = 50 minutes).

School of Nursing Policy requires completion of all non-nursing course work prior to initiation of senior level nursing courses.

Successful completion of mid-curricular and comprehensive exit exams are required for progression. These exams are integrated within specific course requirements.

## COURSE DESCRIPTIONS

**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 healthcare 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 3010 Concepts of Self-Care (2)**

*Prerequisite: Admission to the BSN Program*

Links concepts and theories from arts and sciences with concepts and theories for nurse agency.

**NURS 3020 Assessment of Self-Care Requisites (4)**

*Prerequisite: Admission to the BSN Program*

Prepares the student to assess universal, developmental, and health deviation self-care requisites. Includes 1 student credit hour of lab.

**NURS 3030 Introduction to Nursing Agency (8)**

*Prerequisite: Admission to the BSN Program*

Includes concepts, knowledge, and skills fundamental to understanding the social, interpersonal, and technological components of nursing practice. Includes math components and 4 student credit hours of skills lab, clinical experience.

**NURS 3040 Sexual Health Promotion (1)**

*Prerequisite: Admission to the BSN Program*

Provides the essential information needed to build a strong knowledge base from which sexual health concerns can be addressed.

**NURS 3060 Nursing Systems Related to Mental Health (8)**

*Prerequisites: NURS 3010, 3020, 3030, 3040*

Application of self-care theory and the nursing process in a variety of mental health settings. Includes 4 student credit hours of clinical.

**NURS 3070 Nursing Systems Related to Adults I (8)**

*Prerequisites: NURS 3010, 3020, 3030, 3040*

Application of the nursing process in the care of adults with self-care deficits and therapeutic self-care demands in a structured setting. Includes 4 student credit hours of clinical.

**NURS 3080 Pharmacology For Self-Care (2)**

*Prerequisite: Admission to the BSN Program*

Integrates the principles of pharmacology and pathophysiology. Emphasis is placed on pharmacological interaction for clients with health deficits.

**NURS 4010 Introduction of Research For The Nursing Agency (3)**

*Prerequisites: NURS 3060, 3070, 3080*

Reviews additional nursing theorists, introduces the research process through formulation of a research proposal.

**NURS 4020 Nursing Systems Throughout The Lifespan (8)**

*Prerequisites: Admission to the RN-BSN Track, NURS 3010, 3020, 3040*

Focuses on preventative holistic health care throughout the lifespan. Includes 4 student credit hours of clinical.

**NURS 4040 Nursing Systems Related to the Child Bearing Family (9)***Prerequisite: Successful completion of Junior nursing courses*

Prepares the student to apply knowledge of development and assessment skills while caring for infants, children, adolescents, and child bearing family. Emphasizes health teaching. Includes 4 student credit hours of clinical.

**NURS 4050 Nursing Agency in the Community (6)***Prerequisite: Successful completion of Junior nursing courses*

Introduces the student to community health care. Provides experiences with individuals, families, and groups in the community setting. Includes 3 student credit hours of clinical.

**NURS 4060 Nursing Systems Related to Adults II (8)***Prerequisites: NURS 4010 (may be taken concurrently) and successful completion of Junior nursing courses*

Continued application of the nursing process in the care of adults with self-care deficits and therapeutic self-care demands of a complex nature in a variety of settings. Includes 4 student credit hours of clinical.

**NURS 4070 Leadership and Management For The Nursing Agency (6)***Prerequisites: NURS 4010 and NURS 4060 (or may be taken concurrently). Successful completion of Junior nursing courses is required.*

Introduces managerial and leadership issues and concepts and helps the student apply them to the professional nurse role. Includes 3 student credit hours of clinical.

**NURS 4080 Trends and Issues For The Nursing Agency (2)***Prerequisites: NURS 4010 and successful completion of Junior 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.

(This course should be taken during the semester in which the student is scheduled to graduate.)

**PHILOSOPHY (B.A., B.S.)***Department of History and Philosophy**College of Arts and Letters**Browder (Chair), Michael, A. Randall, Rocheleau**Location: Harned Hall 340**Phone: (931) 221-7919**Website: [www.apsu.edu/history/philosophy.htm](http://www.apsu.edu/history/philosophy.htm)*

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 of and appreciation of values; (5) a reflective and tolerant exploration of religion and scriptural studies; and, (6) the growth of a personal philosophy based on the life-long search for and appreciation of truth, knowledge, goodness, and beauty.



The Philosophy program consists of four options: Philosophy major, and minors in Philosophical Studies, Religious Studies, and Ethical Studies. Philosophy is a valuable major for any student desiring a liberal arts education. It is of special value for those preparing for careers in law, government, the ministry, and higher education. The major provides the necessary background for graduate work in philosophy. The three minor programs are designed to add breadth and depth to most majors at the University.

**MAJOR (30 Hours):**

Select two from: 2900, 4000, 4910; select three from: 3100, 3200, 4300, 4400; select three from: 3040, 3050, 4100, 4600, 4720; select two electives from the remaining Philosophy courses, excluding 1030 and 2200.

**SUGGESTED PROGRAM OF STUDY**

<b>Freshman Year</b>	<b>Cr.</b>	<b>Sophomore Year</b>	<b>Cr.</b>
PHIL 1030, 2900	6*	PHIL 3100, 3040	6
ENGL 1010, 1020	6*	ENGL 2030, 20xx*	6
MATH 1610, 1620	6*	Foreign Language 2010, 2020	6
Foreign Language 1010, 1020	8*	MUS 1030	3
HHP 1260	3	THEA 1030	3
PHED, Band or ROTC	2	Science Core*	8
ART 1030	3		
<b>Total Hours</b>	<b>34</b>	<b>Total Hours</b>	<b>32</b>
<b>Junior Year</b>	<b>Cr.</b>	<b>Senior Year</b>	<b>Cr.</b>
PHIL 3020, 4000, 4100, 4300	12	PHIL 4400, 4720, 4910	9
Courses in Minor (4)	12	Courses in Minor	6
HIST 2010, 2020	6	Electives in Core	18
<b>Total Hours</b>	<b>30</b>	<b>Total Hours</b>	<b>33</b>

\* Refer to Liberal Arts core requirements.

**ETHICAL STUDIES MINOR**

See page 241.

**PHILOSOPHICAL STUDIES MINOR (18 Hours):**

2900; select two from: 3100, 3200, 4300, 4400; select two from: 3040, 3050, 4100, 4600, 4720; select one other Philosophy course excluding PHIL 1030 and PHIL 2200.

**RELIGIOUS STUDIES MINOR**

See page 367.

## COURSE DESCRIPTIONS

**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 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.

**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; 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 2900 Critical Reasoning And Logic (3)**

*Prerequisite 3 hours of philosophy or MATH 1110*

Analysis of the nature and the functions of language, the kinds of meaning and definition, the recognition of arguments, the fundamental tools of critical reasoning, the basic concepts of logic such as deduction, induction, validity, the informal fallacies, and formal syllogistic logic.

**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)**

*Prerequisites: 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)**

*Prerequisites: 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 3200 Medieval Philosophy (3)**

*Prerequisites: Three hours of philosophy or permission of instructor*

The Medieval world view 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 Aristoteleans.

**PHIL 4000 Symbolic Logic (3)**

*Prerequisites: PHIL 2900, MATH 1210, MATH 1330, or permission of instructor.*

Development of propositional logic and truth tables, rules of implication, replacement, validity and invalidity, predicate logic, quantification, relation between logic and mathematics.

**PHIL 4100 Social-Political Philosophy (3)**

*Prerequisites: Six hours of philosophy or permission of instructor*

History of social & political philosophy.

**PHIL 4200 Advanced Studies in World Religions (3)**

*Prerequisites: PHIL 2200 plus one upper division philosophy class*

Exploration of World Religions at an advanced seminar level requiring students to teach class sessions and write several research papers.

**PHIL 4300 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 4400 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 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)***Prerequisites: 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?

**PHIL 4720 Ethical Theory***Prerequisites: 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)***Prerequisites: 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.

**PHIL 490B Seminar: Ethics (3)***Prerequisite: Six hours of philosophy or permission of instructor*

Advanced seminar in selected topics in ethics.

**PHIL 490C Seminar: Religion (3)***Prerequisite: Six hours of philosophy or permission of instructor*

Advanced seminar in selected topics in religion.

**PHOTOGRAPHY MINOR**

See Art, see 141.

**PHYSICAL EDUCATION MINOR**

See HHP, see 262

## PHYSICS (B.S.)

*Department of Physics and Astronomy*

*College of Science and Mathematics*

*J. Taylor (Chair), Buckner, Carpenter, King, Xiong-Skiba*

*Location: Sundquist Science Complex, B332*

*Phone: 931-221-6116*

*Website: <http://www.apsu.edu/physics/>*

### PHYSICS MAJOR:

#### List of Required Courses

Physics 2110, 2120, 3005, 3010, 3030, 3550, 3700, 3800, 4000, and 6 hours of physics or astronomy electives (3000 or higher).

Mathematics 1910, 1920, 2110, 3120.

Computer Science 1010.

#### Description of Program:

The traditional physics major is intended for students who plan to attend graduate school at the masters or doctoral level in fields of engineering, astronomy, or physics. A minor is required (a Mathematics minor is recommended).

### PHYSICS DISTRIBUTIVE MAJOR:

#### List of Required Courses

Physics: 2110, 2120, 3005, 3010, 3030, 3100, 3550, 3700, and 4000

Mathematics: 1910, 1920, 2110, and 3120.

Computer Science: 1010.

18 hours of upper-division credit selected, with approval of the Chair of the Physics Department, from Physics, Biology, Chemistry, Computer Science, Mathematics, The College of Business, or upper-division engineering transfer credits from an ABET accredited program.

#### Description of Program:

The emphasis of the distributive physics major is applied physics and interdisciplinary fields. This program can be tailored to the student who would like to move directly into the workforce or for one who would like to pursue graduate study in an applied field. Several concentrations already exist such as Optoelectronics, Professional Management, and Computational Methods, as well as several 3+2 Dual Degree Programs in Physics and Engineering. A minor is not required.

### PHYSICS DISTRIBUTIVE MAJOR

#### 3+2 DUAL DEGREE IN PHYSICS AND ENGINEERING:

##### Description of Program

This option allows you to earn two degrees in five years. You will earn a degree in physics from APSU and an engineering degree from one of Tennessee's Colleges of Engineering. It is often said that in today's fast-paced world the one thing that is permanent is change itself; for this reason many of today's college students are choosing to broaden their educational foundations. What better way to obtain multifaceted objectives than to start with a degree in physics at a liberal arts institution, then move onto more focused objectives at a college of engineering. Starting at APSU will help to ensure your chances of success with our small class sizes, smaller university and our caring faculty, and don't forget about APSU's new State-of-the-Art Sundquist Science Complex.

## Suggested 3-Year Schedule of Courses at APSU

Required for 3+2 Programs

Freshman Year	Cr.	Sophomore Year	Cr.
ENGL 1010, 1020	6	PHYS 3005, 3010	7
MATH 1910, 1920	10	PHYS 3550	3
PHYS 2110, 2120	10	PHYS 3700, 3701	4
CHEM 1110, 1120	8	MATH 2110	3
PE or ROTC	1	HHP 1260	3
		CSCI 1010	3
		ENGT 1020	4
		ECON 2010	3
		Music, Art, or Theatre <sup>1</sup>	3
		PE, Band or ROTC	1
<b>Total Hours</b>	<b>35</b>	<b>Total Hours</b>	<b>34</b>
Junior Year	Cr.	Senior Year	Cr.
PHYS 3030, 3100, 4000	9		
MATH 3120	3		
PHYS 3050, 3051	4		
PHYS 3060, 3061	4		
ENGL 2030	3		
COMM 1010	3		
Music, Art, or Theatre <sup>1</sup>	3		
PHIL 2400	3		
<b>Total Hours</b>	<b>32</b>		

<sup>1</sup> Refer to Liberal Arts core requirements

**PHYSICS DISTRIBUTIVE MAJOR****CONCENTRATION IN COMPUTATIONAL METHODS:****List of Required Courses**

Physics: 2110, 2120, 3005, 3010, 3030, 3100, 3550, 3700, and 4000.

Mathematics: 1910, 1920, 2110, 3120, 3130, 3450, 4450, 4460, and 4670.

Computer Science: 1010, 2010, 3005, and 3250.

**Description of Program**

This unique concentration exists at few universities in the nation. Computational methods combine the application of numerical methods, models, and algorithms in the context of solving problems that are intractable by traditional methods. It is distinct from computer science, which is the study of computers and computation, and it is different from theory and experiment, the traditional forms of science, in that it seeks to gain understanding principally through the analysis of mathematical models. This concentration will prepare students for a career in modern industry, a government organization such as NASA, or for graduate studies in fields such as structural analysis, molecular modeling, network modeling or computational fluid dynamics.

Recommended 4-Year Schedule

Freshman Year		Cr.	Sophomore Year		Cr.
ENGL 1010, 1020		6	PHYS 3005, 3010, 3550		10
MATH 1910, 1920		10	PHYS 3700		3
PHYS 2110, 2120		10	PHYS 3701		1
CSCI 1010, 2010		6	MATH 2110		3
PE or ROTC		2	CSCI 3005, 3250		6
			ECON 2010		3
			COMM 1010		3
			Music, Art, or Theatre		3
			Elective		3
	<b>Total Hours</b>	<b>34</b>		<b>Total Hours</b>	<b>35</b>
<b>Junior Year</b>		<b>Cr.</b>	<b>Senior Year</b>		<b>Cr.</b>
PHYS 3030, 3100		6	MATH 4450, 4460		6
MATH 3120, 3130		6	ENGL 2030		3
MATH 3450		3	PSY 2210, 4000		6
MATH 4670		3	PSCI 2070		3
HIST 2010, 2020		6	MGT. 3010		3
PHIL 2400		3	MKT 3010		3
Math, Physics or CSCI elective		3	Music, Art, or Theatre		3
			Math, Physics or CSCI elective		3
	<b>Total Hours</b>	<b>30</b>		<b>Total Hours</b>	<b>30</b>

<sup>1</sup> Refer to Liberal Arts core requirements

Academic Programs With Course Descriptions

**PHYSICS DISTRIBUTIVE MAJOR  
CONCENTRATION IN OPTOELECTRONICS:**

**List of Required Courses**

- Physics: 2110, 2120, 3005, 3010, 3030, 3050, 3051, 3060, 3061, 3550, 3700, 3701, 4000, and 4100.
- Computer Science: 1010, 2010, 3100, 3410, 3700, 4100, and 4500.
- Mathematics: 1910, 1920, 2110, and 3120.
- Management and Marketing: 3010.

**Description of Program**

Optoelectronics businesses manufacture components such as lasers, optical discs, image sensors, or optical fibers, and all sorts of equipment and systems that are critically dependent on optoelectronics components. In North America, optoelectronics businesses, research labs, and universities provide skilled and productive jobs for an estimated 150,000 people. The articles "The Triumph of the Light", "The Rise of Optical Switching", and "Routing Packets with Lights", which appeared in the January 2001 issue of *Scientific American* pp 81-99, tout the bright future of the optoelectronics industry. This program prepares students for direct entry into this booming field.

Recommended 4-Year Schedule

Freshman Year		Cr.	Sophomore Year		Cr.
ENGL 1010, 1020		6	PHYS 3005, 3010, 3550		10
MATH 1910, 1920		10	PHYS 3700, 3701		4
PHYS 2110, 2120		10	COMM 1010		3
CSCI 1010, 2010		6	MATH 2110		3
PE or ROTC		<u>2</u>	CSCI 3400, 3410		6
			ECON 2010		3
			Music, Art, or Theatre <sup>1</sup>		3
	<b>Total Hours</b>	<b>34</b>	<b>Total Hours</b>		<b>32</b>
<b>Junior Year</b>		<b>Cr.</b>	<b>Senior Year</b>		
PHYS 3100, 3030, 4000		9	PHYS 3050, 3051		4
MATH 3120		3	PHYS 3060, 3061		4
CSCI 3700		3	CSCI 4100, 4500		6
MATH 4670		3	PSY 2210, 4100		6
HIST 2010, 2020		<u>6</u>	PSCI 2070		3
PHIL 2400		3	MGT 3010		<u>3</u>
Music, Art, or Theatre <sup>1</sup>		3	ENGL 2030		3
			MKT 3010		<u>3</u>
	<b>Total Hours</b>	<b>30</b>	<b>Total Hours</b>		<b>32</b>

<sup>1</sup> Refer to Liberal Arts core requirements

**PHYSICS DISTRIBUTIVE MAJOR****CONCENTRATION IN PROFESSIONAL MANAGEMENT:****List of Required Courses**

Physics: 2110, 2120, 3005, 3010, 3030, 3100, 3550, 3700, 3701, and 4000.

Mathematics: 1910, 1920, 2110, and 3120.

Computer Science: 1010.

Accounting: 2010 and 2020.

Economics: 2010 and 2020.

Finance: 3010.

Management: 3010 and 3110.

Marketing: 3010.

Quantitative Methods: 2110 and 3110

**Description of Program**

This concentration addresses the serious shortage of business managers with a solid grounding in the hard sciences. Students will concentrate on the basics of business administration while gaining a thorough understanding of computers, lasers, experimental and computational techniques, and the standard problem solving skills of a physicist. This option satisfies the entrance requirements for most MBA programs.



Recommended 4-Year Schedule

<b>Freshman Year</b>		<b>Cr.</b>	<b>Sophomore Year</b>		<b>Cr.</b>
ENGL 1010, 1020		6	PHYS 3005, 3010, 3550		10
MATH 1910, 1920		10	ECON 2020		3
PHYS 2110, 2120		10	MATH 2110		3
CSCI 1010		3	ACCT 2010, 2020		6
ECON 2010		3	QM 2110, 3110		6
PE or ROTC		2	COMM 1010		3
<b>Total Hours</b>		<b>34</b>	<b>Total Hours</b>		<b>31</b>
<b>Junior Year</b>		<b>Cr.</b>	<b>Senior Year</b>		<b>Cr.</b>
Music, Art, or Theatre <sup>1</sup>		6	PHYS 3100, 4000		6
MATH 3120		3	HIST 2010, 2020		6
PHYS 3700, 370L		4	PSCI 2010		3
PHYS 3030		3	MGT 3110, 3610, 4110		9
PSY 2210		3	DSCI 3410.		3
PHIL 2400		3	MKT 4150		3
MGT 3010		3			
FIN 3010		3			
MKT 3010		3			
ENGL 2030		3			
<b>Total Hours</b>		<b>34</b>	<b>Total Hours</b>		<b>30</b>

Academic Programs With Course Descriptions

<sup>1</sup> Refer to Liberal Arts core requirements

**PHYSICS DISTRIBUTIVE TEACHING MAJOR:**

**List of Required Courses**

- Physics: 2110, 2120, 3005, 3700, and 3901.
- Astronomy 1210 or 1220.
- Mathematics: 1910 and 1920.
- Biology: 1010 and 4400.
- Chemistry 1010 or 1110.
- Geology 1040.
- Professional Education Minor.
- Professional Teaching is required for licensure.

**Description of Program**

Students completing this program will satisfy State of Tennessee guidelines for licensure to teach physics and general science.

**MINOR:**

**List of Required Courses**

- Physics: 2110 and 2120.
- Select eight hours from Physics 3005, 3010, 3030, 3100, 3550, 3700, 3701, 3800, 3900, 3901, and 4000.

**Description of Program**

The physics minor is intended for science majors wishing to extend their knowledge of the physical sciences.

**PRE-ENGINEERING:**

See Physics, page 323 for 3+2 Dual Degree Programs in Physics and Engineering.

**COURSE DESCRIPTIONS****ASTRONOMY****ASTR 1210 Planetary Astronomy - Three hours lecture, three hours lab (4)**

*Corequisite: ASTR 1211*

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 1211 is to be taken concurrently.

**ASTR 1220 Stellar Astronomy - Three hours lecture, three hours lab (4)**

*Corequisite: ASTR 1221*

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 1221 is to be taken concurrently.

**ASTR 3010 History of Astronomy (3)**

*Prerequisite: ASTR 1210 and 1220*

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)**

*Prerequisite: MATH 1110 or higher, ASTR 1210 and 1220*

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.

**PHYSICS****PHYS 1010 Understanding the Physical World**

**Three hours lecture, three hours lab (4)**

Motion, energy, 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)**

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 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.

*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 1110*

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.

**PHYS 2020 College Physics****Four hours lecture and demonstration, three hours lab (5)***Prerequisite: PHYS 2010*

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*

The continuation of 2110 which covers the same general topics as 2020. The mathematical level involves more use of calculus than 2110.

**PHYS 3005 Theoretical Methods for Scientists and Engineers (4)***Prerequisite: 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*

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, radiating systems and guided waves. Integral calculus and vectors are used extensively.

**PHYS 3050 Introductory Circuits - Three hour lecture, three hour lab (4)***Prerequisite: PHYS 2120 and MATH 1920**Corequisites: PHYS 3005, 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 hour lecture, three hour lab (4)***Prerequisites: PHYS 3005 & PHYS 3050*

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 and demonstration, three hours lab (3)***Prerequisite: One year of general physics*

Reflection and refraction, the eye, telescopes and microscopes, lasers, interference, diffraction, and polarization.

**PHYS 3100 Optics Lab - Three hours laboratory (1)***Prerequisite: One year of general physics*

Experiments associated with reflection and refraction, the eye, telescopes and microscopes, lasers, interference, diffraction, and polarization.

**PHYS 3550 Experimental Methods for Scientists and Engineers (3)***Prerequisite: PHYS 2120*

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 (3)**

*Prerequisite: PHYS 2120 or permission of instructor*

*Corequisite: PHYS 3701*

Relativity, quantization of radiation, matter waves, early atomic models, Schrodinger's wave mechanics.

**PHYS 3701 Modern Physics Lab Three hours laboratory (1)**

*Prerequisite: PHYS 2120 or permission of instructor*

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 3800 Quantum Mechanics (3)**

*Prerequisite: PHYS 3005, 3700, and 3701*

Solution of quantum mechanical problems in one dimension, quantum harmonic oscillator, eigenvectors and eigenvalues, Hilbert spaces, the hydrogen atom, spin, and an introduction to matrix mechanics.

**PHYS 3900 Nuclear and Particle Physics (2)**

*Prerequisite: PHYS 3700*

Nuclear structure models, nuclear reactions, elementary particles, the standard model, and interaction theories.

**PHYS 3901 Radioactivity Laboratory - Three hours laboratory (1)**

*Prerequisite: PHYS 2120, Organic Chemistry, or permission of instructor*

Experiments studying the characteristics of radioactivity, radioisotopes, and detection devices.

**PHYS 4000 Computational Methods for Scientists and Engineers (3)**

*Prerequisite: PHYS 3005, CSCI 1010 or equivalent programming course*

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 4100 Optoelectronics (3)**

*Prerequisite: PHYS 3030, 3100, and 3700*

Principles of optics and electromagnetic theory applied to optoelectronics including solid state physics, modulation of light, display device, lasers, photodetection, fiber optics and optical communications.

**PHYS 4150 Special Topics in Physics (1-3)**

*Prerequisite: 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.

**PHYS 4151 Research Experience (1-3)***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.

**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 (1-3)***Prerequisite: 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.

<sup>1</sup> Credit for PHYS 1710 may not be combined with CHEM 1010 or PHYS 1010 to fulfill the V.B. Liberal Arts core requirements

**POLITICAL SCIENCE (B.A., B.S.)***College of Professional Programs and Social Sciences**D. Kanervo (Chair), Kenney, Warren.**Location: Clement, 143**Phone: 931-221-7515**Website: [www.apsu.edu/polysci/](http://www.apsu.edu/polysci/)***POLITICAL SCIENCE MAJOR (33 Hours):**

2010, 2040, 2070, 3760; select 21 upper division hours excluding 453A, B, C and above.

Courses numbered 4540 and above may be used as a part of the major only with the permission of the chair. Students planning to do graduate work in political science are urged to take 453A, B, C as elective courses. A minor is required. A departmental exit exam is taken during the last semester before graduation.

**POLITICAL SCIENCE MAJOR****WITH LEGAL STUDIES CONCENTRATION (51 Hours):**

1000, 1002, 1004, 1005, 1006, 1008, 2010, 2040, 2070, 3760, 4310, 4320, 4340; select 12 additional upper level hours excluding 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.

**POLITICAL SCIENCE TEACHING LICENSURE:**

Students interested in teaching may be licensed in the State of Tennessee by also completing ECON 2010, GEOG 1020, 1030, HIST 4400, PSCI 2010, SOC 2010, required history emphasis (HIST 1210, 1220, 2010, 2020), the Professional Education minor and Student Teaching.

**SUGGESTED PROGRAM OF STUDY**

The suggested plan below is only a model. Students should plan their schedules based on past performance, residence, outside work, or extracurricular activities. To graduate in four years, students should take 32 hours each year. Each student should consult an advisor when planning his/her schedule.

<b>Freshman Year</b>	<b>Cr.</b>	<b>Sophomore Year</b>	<b>Cr.</b>
Science	8	HIST 2010, 2020	6
MATH 1110, 1530	6	COMM 1010	3
ENGL 1010, 1020	6	ART 1030	3
PSCI 2010, 2040	6	ENGL 2030, 2040	6
Electives	6	PSCI 2070	3
PHED, Band, ROTC <sup>1</sup>	1	SOC 2010	3
PHED, ROTC <sup>1</sup>	1	HHP 1260	3
		MUS 1030	3
		PSCI Elective	3
<b>Total Hours</b>	<b>34</b>	<b>Total Hours</b>	<b>33</b>
<b>Junior Year</b>	<b>Cr.</b>	<b>Senior Year</b>	<b>Cr.</b>
PSCI 3760	3	PSCI Upper Division Electives	12
PSCI Upper Division Electives	12	Minor electives	12
Elective	3	Electives	8
Minor requirement	6		
Core requirement <sup>1</sup>	6		
<b>Total Hours</b>	<b>30</b>	<b>Total Hours</b>	<b>32</b>

<sup>1</sup> Refer to Liberal Arts core requirements.

**DISTRIBUTIVE MAJOR IN PUBLIC MANAGEMENT WITH CONCENTRATION IN POLITICAL SCIENCE**

See Public Management, page 359.

**POLITICAL SCIENCE MINOR (18 HOURS):**

2010, 2040, 2070; select nine hours of upper division courses excluding 453A, B, C, and above.

## COURSE DESCRIPTIONS

**PSCI 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.

**PSCI 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.

**PSCI 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.

**PSCI 1005 Legal Research (3)**

Legal bibliography, including codes, administrative regulations, reporters, digests, encyclopedias, citations, law reviews, and treaties.

**PSCI 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.

**PSCI 1008 Civil Trial and Appellate Practice (3)**

Civil court procedures. Preparation and use of documents involved in the trial and appeal of civil action.

**PSCI 1015 Paralegal Internship (3)**

An internship working as a paralegal for a local attorney. The student will work 10 hours a week.

**PSCI 2010 American National Government (3) F, S**

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.

**PSCI 2040 Introduction to Public Policy (3) F, S**

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.

**PSCI 2070 International Politics (3) F, S**

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, the United States in World Affairs.

**PSCI 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.

**PSCI 3020 American Foreign Policy (3)**

The making of American foreign policy: institutions, processes, problems, and crises.

**PSCI 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.

**PSCI 3110 British Politics And Government (3) F**

*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.

**PSCI 3120 European Politics (3) S**

*Prerequisite: Junior standing or permission on instructor*

An examination of the politics, government, and unity of continental European states with an emphasis upon Germany, France, Russia, and Italy.

**PSCI 3140 Latin American Politics (3)**

An examination of the politics and government of Central and South America and the Caribbean island-state. 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, or Chile.

**PSCI 3160 African Politics (3) F**

The politics of Sub-Sahara 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.

**PSCI 3360 Study Abroad: Africa (6) SU**

Designed to provide students with a hands-on learning experience on and about African politics and culture.

**PSCI 3760 Methods of Research (3) F**

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.

**PSCI 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.

**PSCI 4020 The Politics of Contemporary African American Thought And Movement (3) S**

An analysis of political processes, structures, organizations, opinions, and leadership from the African American perspective and African Americans having current significance.

**PSCI 4040 Women And Politics (3)**

The role of women in politics. Women and the political process, political institutions, and public policy.

**PSCI 4070 Politics in The American States (3) F**

Politics at the state level focusing on legal and cultural settings, political behavior, and institutions and public policy.

**PSCI 4080 Urban Politics (3) F**

Politics in urban areas with special attention to socioeconomic conditions, governmental structures, citizen participation, community power studies, metropolitan governance, and policy problems.

**PSCI 4130 Political Parties And Interest Groups (3) F**

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.

**PSCI 4200 The American Presidency (3) S**

The roles, powers, and institutions of the American Presidency.

**PSCI 4210 Legislative Process And Behavior (3) S**

Congressional elections, norms, committees, voting behavior, leadership, and legislative-executive interaction.

**PSCI 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.

**PSCI 4300 Judicial Politics And Behavior (3) S**

The American judicial system: structure of the court system, police behavior, lawyers, juries, and judicial decision-making.

**PSCI 4310 American Constitutional Law I (3) F**

*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.

**PSCI 4320 American Constitutional Law II (3) S**

*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.

**PSCI 4330 Women And The Law (3) F**

Examination 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.

**PSCI 4340 Family Law (3) S**

Examination of the legal issues involved in marriage, divorce, child custody, child support, and adoption.

**PSCI 4400 Politics And Mass Media (3) S, (Same as COMM 4400)**

The influence of the mass media on political opinions, on elections, on those who participate in the political arena, and on 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.

**PSCI 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.

**PSCI 4510 Communication and Public Opinion (3) (Same as COMM 4510)**

The purpose of this course is to provide an overview of the concept "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.

**PSCI 451A, B, C Selected Topics in Political Science (3 each)**

An examination of a selected topic by an instructor on a one-time basis.

**PSCI 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.

**PSCI 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.

**PSCI 455A, B, C Government Internship (3, 6, 9)**

*Prerequisite: Junior or senior standing*

Internship in the governmental process.

## PREAGRICULTURAL EDUCATION

(Three Year Transfer Program)

*School of Agriculture and Geosciences*

*College of Science and Mathematics*

*Advisor: Dr. J. Goode*

*Location: Sundquist Science complex, D232*

*Phone: 931-221-7269*

*Website: [www.apsu.edu/agriculture/](http://www.apsu.edu/agriculture/)*

### SUGGESTED PROGRAM OF STUDY

Freshman Year	Cr.	Sophomore Year	Cr.
AGRI 1000, 1310, 1410	8	AGRI 2210, 2500, 3500	10
BIOL 1010, 1020	8	CHEM 1010, 1020	8
ECON 2010	3	HIST 2010, 2020	6
ENGL 1010, 1020	6	PSY 3130, 3200	6
COMM 1010	3	Humanities Core	6
<b>Total Hours</b>	<b>28</b>	<b>Total Hours</b>	<b>36</b>
<b>Junior Year</b>	<b>Cr.</b>		
AGRI 3020, 3220, 3310, 3330, 4500	16		
SPED 3000	3		
Humanities core	6		
EDUC 3040	3		
<b>Total Hours</b>	<b>34</b>		

## PREDENTAL HYGIENE (Two Year Transfer Program)

*Department of Chemistry*

*College of Science and Mathematics*

*Advisor: Dr. J. Foote*

*Location: Sundquist Science Complex, A308*

*Phone: 931-221-7626*

*Website: [www.apsu.edu/chem\\_page](http://www.apsu.edu/chem_page)*

Students who expect to apply for admission to a school of Dental Hygiene should obtain, from that school, the predental hygiene curriculum requirements since requirements may vary among schools.

The two-year program of predental 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.

A minimum of 64 semester hours (excluding PHED, ROTC, and Marching Band) of predental hygiene coursework must be completed prior to enrollment. All electives must be theory based. Admission to the dental hygiene program is competitive.

A minimum grade-point average of 2.00 is required. However, in order for an applicant to be competitive, the minimum GPA should be 2.5.

**SUGGESTED PROGRAM OF STUDY**

Freshman Year	Cr.	Sophomore Year	Cr.
CHEM 1010 <sup>1</sup> , 1020 <sup>1</sup>	8	BIOL 2300 <sup>1</sup>	8
BIOL 2010 <sup>1</sup> , 2020 <sup>1</sup>	8	SOC 2010, 2050	6
ENGL 1010, 1020	6	ENGL 2030, 20xx	6
PSY 1010	3	CSCI 1000	4
BIOL 1110, 3060 <sup>1</sup>	8	COMM 1010	3
		Education <sup>2</sup>	6
<b>Total Hours</b>	<b>33</b>	<b>Total Hours</b>	<b>29</b>

<sup>1</sup>All science courses must include laboratory.

**PRE-DENTISTRY (Three or Four Year Program)**

*Department of Chemistry*

*College of Science and Mathematics*

*Advisor: Dr. J. Foote*

*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. The requirements are a minimum of 90 hours of college credit which include 18 hours of chemistry (general and organic); eight hours of general biology, ten hours of general physics, six hours of English (composition and/or literature), and 50 hours of electives.

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 123).

**SUGGESTED PROGRAM OF STUDY (Three Year)**

Freshman Year	Cr.	Sophomore Year	Cr.
ENGL 1010, 1020	6	ENGL 2030, 20xx	6
BIOL 1110 <sup>1</sup> , 2010 <sup>1</sup> , 1120 <sup>1</sup>	8	CHEM 3510 <sup>1</sup> , 3520 <sup>1</sup>	8
CHEM 1110 <sup>1</sup> , 2010 <sup>1</sup>	10	PHYS 2010 <sup>1</sup>	5
PHED, ROTC, Band <sup>2</sup>	2	BIOL 4130 <sup>1</sup> , 2020 <sup>1</sup> , 3060 <sup>1</sup>	12
MATH 1110 or 1720	3	COMM 1010	3
MATH 1120 or 1910	3-5	HHP 1210 or 1260	3
<b>Total Hours</b>	<b>30/32</b>	<b>Total Hours</b>	<b>37</b>

Junior Year	Cr.
HIST 2020 or 2030	3
HIST 2010	3
CHEM 3210 <sup>1</sup> , 3220 <sup>1</sup>	8
Humanities core <sup>2</sup>	6
Social Science core <sup>2</sup>	6
Elective	6
<b>Total Hours</b>	<b>32</b>

<sup>1</sup> All science courses must include laboratory.

<sup>2</sup> Refer to Liberal Arts core requirements.

The DAT (Dental Admissions Test) should be taken in the Spring Semester of the junior year.

## PREENGINEERING

See Physics, page 323

## PREFOOD TECHNOLOGY (Two Year Transfer Program)

*School of Agriculture and Geosciences*

*College of Science and Mathematics*

*Advisor: Dr. Hunt*

*Location: Sundquist Science Complex, D232*

*Phone: 931-221-7271*

*Website: [www.apsu.edu/agriculture/](http://www.apsu.edu/agriculture/)*

### SUGGESTED PROGRAM OF STUDY

Freshman Year	Cr.	Sophomore Year	Cr.
AGRI 1000, 1310, 1410, 2320	11	AGRI 2210, 3500	7
BIOL 1010, 1020	8	BIOL 2300	4
ENGL 1010, 1020	6	BLAW 3300	3
PHYS 1010, 1020	8	CHEM 1110, 1120	8
		MIS 1200	3
		MATH 1110, 1120	6
		COMM 1010	3
<b>Total Hours</b>	<b>33</b>	<b>Total Hours</b>	<b>34</b>

**PREFORESTRY (Two Year Transfer Program)**

*School of Agriculture and Geosciences*

*College of Science and Mathematics*

*Advisor: Dr. J. Matthews*

*Location: Sunquist Science Complex, D232*

*Phone: 931-221-7272*

*Website: [www.apsu.edu/agriculture/](http://www.apsu.edu/agriculture/)*

**SUGGESTED PROGRAM OF STUDY**

<b>Freshman Year</b>	<b>Cr.</b>	<b>Sophomore Year</b>	<b>Cr.</b>
AGRI 1000, 1310, 1410	8	AGRI 2210, 4430	7
BIOL 1010, 1020	8	CHEM 1110, 1120	8
ENGL 1010, 1020	6	ECON 2020	3
MATH 1110, 1810	6	MATH 1530	3
MIS 1200	3	COMM 1010	3
		BIOL 4080	4
		Humanities core	6
<b>Total Hours</b>	<b>31</b>	<b>Total Hours</b>	<b>34</b>

**PRELAW**

*Department of Political Science*

*College of Professional Programs and Social Sciences*

*Advisors: Dr. D. Kanervo, Dr. R. Shain*

*Location: Clement, 143*

*Phone: 931-221-7515*

*Website: [www.apsu.edu/polysci](http://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.

Academic Programs With Course Descriptions

**PREMEDICINE** (Four Year Program)*Department of Chemistry**College of Science and Mathematics**Advisor: Dr. R. Robertson**Location: Sundquist Science Complex, A308**Phone: 931-221-7626**Website: [www.apsu.edu/chem\\_page/](http://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. These requirements include a degree with an excellent academic record which includes these specific courses: general biology, eight hours; general chemistry, ten hours; organic chemistry, eight hours; general physics, ten hours; English composition, six hours. In addition the behavioral sciences-psychology, sociology, etc are considered valuable. Higher mathematics, computer courses, languages, literature, philosophy, history, political science, and statistics should also be considered to round out the pre-med curriculum. Other medical schools may have other required courses. Students should obtain requirements from prospective institutions. In addition, to academic requirements, most medical schools require the applicant to take the Medical College Admission Test and to be interviewed personally by the medical school. 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.

In addition to course requirements of the medical school, there are certain core requirements that must be met in order to receive a degree from this University. All of these are considered in the following suggested courses (all science classes include laboratory):

**SUGGESTED PROGRAM OF STUDY**

<b>Freshman Year</b>	<b>Cr.</b>	<b>Sophomore Year</b>	<b>Cr.</b>
ENGL 1010, 1020	6	PHYS 2010, 2020	10
BIOL 1110, 3060	8	CHEM 3510, 3520	8
CHEM 1110, 1120	10	HIST 2010 <sup>2</sup> , 2020 <sup>1</sup>	6
Mathematics core <sup>1</sup>	6/10	ENG 1100 or 2030	3
PHED, ROTC, Band <sup>1</sup>	2	Humanities core <sup>1</sup>	3
		Health and Personal Development <sup>1</sup>	3
	<b>Total Hours 32-36</b>		<b>Total Hours 33-36</b>
<b>Junior Year</b>	<b>Cr.</b>	<b>Senior Year</b>	<b>Cr.</b>
CHEM 4310, 4320	8	Social science core <sup>1</sup>	3
BIOL 3050, 4440	8	Humanities core <sup>1</sup>	6
COMM 1010	3	Major and minor courses	12
Humanities core <sup>1</sup>	3		
Social science core <sup>1</sup>	3		
Major and minor courses	4		
<b>Total Hours</b>	<b>29</b>	<b>Total Hours</b>	<b>21</b>

<sup>1</sup> Refer to Liberal Arts core requirements.

<sup>2</sup> HIST 2030 may substitute for either 2010 or 2020.



**Junior and Senior Years**

Students should take the MCAT in the spring of the junior year or in the summer between the junior and senior year. Application to medical school should be made early in the summer between the junior and senior years.

Students should also complete a strong major and minor. Although a chemistry and biology combination is suggested here, medical schools do not specify what major to pursue and regularly accept applicants from a variety of majors. The important thing is to have a strong academic record with a good foundation in the basic sciences and in liberal arts. See the web page at [www.apsu.edu/robertsonr/premed/premedadvisement.htm](http://www.apsu.edu/robertsonr/premed/premedadvisement.htm) for more detailed information and links to medical schools.

**PREOPTOMETRY (Two or Three Year Transfer Program)**

*Department of Physics and Astronomy*

*College of Science and Mathematics*

*Advisor: Dr. Pei Xiong-Skiba*

*Location: Sundquist Science Complex, A308*

*Phone: 931-221-7626*

*Website: [www.apsu.edu/chem\\_page/](http://www.apsu.edu/chem_page/)*

Optometry is the primary health profession dedicated to caring for vision. A Doctor of Optometry receives four years of specialized professional education and clinical training at an accredited school of optometry, after completion of their undergraduate prerequisites.

**Undergraduate Prerequisites**

The minimum entrance requirement for optometry school is three 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 has 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](http://www.opted.org) to determine the specific requirements for each school. Student applicants are also required to complete the Optometry Admission Test (OAT) as a prerequisite to admission.

**SUGGESTED PROGRAM OF STUDY**

The suggested program would satisfy the prerequisites of the Southern College of Optometry. Students who complete the suggested program will earn a Distributive Major in Physics with a minor in Chemistry from APSU.

Freshman Year	Cr.	Sophomore Year	Cr.
CHEM 1110, 1120	10	PHYS 3005, 3550	7
MATH , 1910,1920	10	BIOL 1010, 1020	8
ENGL 1010, 1020	6	MATH 2110,1530	6
PHYS 2110, 2120	10	CHEM 3510, 3520	8
		ART, MUSIC, OR THEA	3
		PHED, ROTC, Band <sup>1</sup>	1
		ENGL 20XX	3
<b>Total Hours</b>	<b>36</b>	<b>Total Hours</b>	<b>36</b>

Junior Year	Cr.	Senior Year	
PHYS 3100, 3010, 4000	10	PHYS 3700, 3030	7
BIOL 2010, 2020, 2300	12	CHEM 4310	4
CSCI 1010	3	BIOL 4160, 4440	8
MATH 3120	3	FIN 1000, 3010	6
PHED, ROTC, Band	1	PSY 1010, 2210	6
HIST 2010, 2020	6	COMM 1010	3
ART, MUSIC, OR THEA	3	PHIL 2300	3
<b>Total Hours</b>	<b>38</b>	<b>Total Hours</b>	<b>37</b>

<sup>1</sup> Refer to Liberal Arts core requirements.

## PREPHARMACY (Two Year Transfer Program)

*Department of Chemistry*

*College of Science and Mathematics*

*Advisor: Dr. J. Foote*

*Location: Sundquist Science Complex, A308*

*Phone: 931-221-7626*

*Website: [www.apsu.edu/chem\\_page/](http://www.apsu.edu/chem_page/)*

Most pharmacy schools require at least two years of pre-pharmacy work (60+ credits). The requirements vary among the schools of pharmacy (the University of Tennessee requires 90 credits. See the three year program below.) Students should obtain, from the pharmacy school to which they intend to apply, a complete listing of the admission requirements.

The following two-year program is suggested to meet the admission requirements of many pharmacy schools. It is important that each new student consult with the prepharmacy advisor since APSU and pharmacy school requirements undergo periodic revisions.

### SUGGESTED PROGRAM OF STUDY

Freshman Year	Cr.	Sophomore Year	Cr.
ENGL 1010, 1020	6	PHYS 2010 <sup>1</sup> , 2020 <sup>1</sup>	10
CHEM 1110 <sup>1</sup> , 1120 <sup>1</sup>	10	CHEM 3510 <sup>1</sup> , 3520 <sup>1</sup>	8
BIOL 1110 <sup>1</sup> , 3060 <sup>1</sup>	8	BIOL 2300 <sup>1</sup>	4
HIST 2010	3	PSY 1010	3
HIST 2020 or 2030	3	COMM 1010	3
MATH 1530	3	MATH 1910	5
Computer Science	3	Elective <sup>2</sup>	6
<b>Total Hours</b>	<b>36</b>	<b>Total Hours</b>	<b>39</b>

<sup>1</sup> All science courses must include laboratory.

<sup>2</sup> In addition to psychology, three hours should be selected from Social Science (political science, economics, or sociology)

**PREPHARMACY** (Three Year Transfer Program)

*Department of Chemistry*

*College of Science and Mathematics*

*Advisor: Dr. J. Foote*

*Location: Sundquist Science Complex, A308*

*Phone: 931-221-7626*

*Website: www.apsu.edu/chem\_page/*

Many pharmacy schools require applicants to take the Pharmacy College Admission Test. Students should obtain a complete listing of the admission requirements for the pharmacy school to which they intend to apply for admission. Students in this program desiring to earn a degree *in absentia* may do so by meeting the requirements on page 123. Pharmacy schools do not specify what major or minor a student should have. The suggested program contains the courses required for admission to the University of Tennessee, The Health Science Center. Past students have had success with some combination of major and minor in biology and chemistry. This combination is recommended; however, students may elect other majors and minors as long as they meet the requirements for admission to the pharmacy school that they plan to attend.

The following three-year program is suggested to meet the admission requirements of The University of Tennessee College of Pharmacy. Students should consult the University of Tennessee BULLETIN for exact requirements.

**SUGGESTED PROGRAM OF STUDY**

<b>Freshman Year</b>	<b>Cr.</b>	<b>Sophomore Year</b>	<b>Cr.</b>
ENGL 1010, 1020	6	BIOL 2300 <sup>1</sup>	4
CHEM 1110 <sup>1</sup> , 1120 <sup>1</sup>	10	ECON 2010	3
BIOL 1110 <sup>1</sup> , 3060 <sup>1</sup>	8	CHEM 3510 <sup>1</sup> , 3520 <sup>1</sup>	8
PHED, ROTC, Band	2	PHYS 2010 <sup>1</sup> , 2020 <sup>1</sup>	10
MATH 1110 or 1720	3	BIOL 2010, 2020 <sup>1</sup>	8
MATH 1810	3		
COMM 1010	3		
<b>Total Hours</b>	<b>35</b>	<b>Total Hours</b>	<b>33</b>
<b>Junior Year</b>	<b>Cr.</b>		
ENGL 2030 <sup>2</sup>	3		
BIOL 3760	4		
HIST 2010 <sup>2</sup>	3		
ART 1030 or 3200	3		
MATH 1530	3		
PSY 1010	3		
CHEM 4310, 4320	8		
<b>Total Hours</b>	<b>27</b>		

<sup>1</sup> All science courses must include laboratory.

<sup>2</sup> UT Memphis requires six hours from literature, history, language or philosophy. Other schools require both history and literature.

Academic Programs With Course Descriptions

## PRE-PHYSICAL THERAPY

*Department of Biology*

*College of Science and Mathematics*

*Advisor: Dr. Cindy L. Taylor*

*Phone:*

*Website: [http://www.apsu.edu/biol\\_page/PT/PTInfo.htm](http://www.apsu.edu/biol_page/PT/PTInfo.htm)*

The Pre-Physical Therapy program of study provides a guide for satisfying the various academic requirements for graduate Physical Therapy (PT) programs. Most Physical Therapy programs in Tennessee offer a Master's in Physical Therapy (MPT) degree or a Doctorate in Physical Therapy (DPT) degree. Students interested in applying for admission to MPT or DPT programs should consult with their academic advisor and select courses required by the individual programs that they are planning to apply to, before registering for their sophomore year. A major in Biology with either a minor in Health and Human Performance or Psychology will meet the general needs of most programs.

Please refer to the Department of Biology's Pre-Physical Therapy Web Site for more information: [www.apsu.edu/biol\\_page/PT/PTInfo.htm](http://www.apsu.edu/biol_page/PT/PTInfo.htm).

### SUGGESTED PROGRAM OF STUDY

#### Biology Major, Health and Human Performance Minor

<b>Freshman Year</b>	<b>Cr.</b>	<b>Sophomore Year</b>	<b>Cr.</b>
BIOL 2010, 2011; 2020, 2021	8	BIOL 3050, 3051; 4130, 4131	8
CHEM 1110, 1111; 1120, 1121	8	PHYS 2010, 2011; 2020, 2021	10
ENGL 1010, 1020	6	HIST 2010, 2020	6
MATH 1110, 1720	6	PSY 2010, 2210 or 1210	6
HHP 1260	3	HHP 1210	3
PSY 1010	3	PHED or ROTC or Band	1
PHED or ROTC	1		
<b>Total Hours</b>	<b>35</b>	<b>Total Hours</b>	<b>34</b>
<b>Junior Year</b>	<b>Cr.</b>	<b>Senior Year</b>	<b>Cr.</b>
CSCI 1000	3	BIOL 4160, 4161; 4440, 4441	8
ENGL 2030	3	HHP 3300, 4070, 4220, 4250	12
MUS 1030	3	PSY 3110 or 3120	3
BIOL 3060, 3061; 3070, 3071	8	ART 3200	3
BIOL 4080; 4081; 4110, 4111	8		
SOC 2010	3		
HHP 2050	3		
PHIL 2300	3		
<b>Total Hours</b>	<b>34</b>	<b>Total Hours</b>	<b>26</b>

## PRESIDENT'S EMERGING LEADERS PROGRAM

*Office of Academic Affairs*

*Advisor: Dr. Houston Davis*

*Location: Browning 109*

*Phone: (931) 221-7676*

The program provides the unique opportunity to study leadership processes and the ethics of leadership in a classroom setting, and to develop leadership skills through supervised field experiences with community mentors. Selection for this program is highly competitive. Students selected for the program receive a significant scholarship.

**Eligibility Requirements:** High School students are accepted into the program based on the following qualifications:

1. GPA of 3.00 or above;
2. Evidence of participation in high school and community activities (church, 4-H, civic, etc.);
3. Evidence of leadership qualities as denoted by participation in activities and the successful completion of specified extracurricular projects or the holding of leadership positions;
4. Three references, including at least one from an academic person (principal, counselor, teacher) and one from a person representing a community resource; and,
5. Application for admission. Applicants may apply or be nominated for the APSU President's Emerging Leaders Program. The Selection Committee based on the above criteria will make decisions concerning final acceptance; however, exceptions may be made in unusual circumstances. Group and individual interviews are required.

### **Requirements for Students Accepted into President's Emerging Leaders Program:**

1. Students entering as freshmen shall complete the following courses (total of 10 hours of credit) during their years of study:
  - LDSP 1000 Introduction to the Study of Leadership
  - LDSP 1005 Community Organizations
  - LDSP 2000 Ethics in Leadership
  - LDSP 2001 Communication Skills
  - LDSP 3001 Leadership Issues I
  - LDSP 3002 Leadership Issues II
  - LDSP 4000 Internship in Leadership
  - LDSP 4001 Great Leaders
2. During their sophomore year, students shall plan to complete 40 clock hours of volunteer work approved by the coordinator.
3. During the junior year, each student will be assigned to a community mentor who will meet with him or her for 8-10 contacts (example: attending a civic club meeting, business luncheon, or staff meeting).
4. To earn a minor in Leadership Studies, Emerging Leaders shall enroll for at least three 3000-4999 level courses which have leadership components during their junior and senior years. Among the courses satisfying this requirement are LDSP 3000, LDSP 3100, and LDSP 3200. A total of 19 semester hours of leadership training during the student's academic career is required.
5. Application for a senior internship (three hours) shall be made during the semester preceding enrollment in order for placements to be arranged. Enrollment in LDSP 4000 is possible during either semester or the summer.

6. During the academic year, students will be expected to attend six to eight special monthly meetings arranged for discussions with community or campus leaders.
7. As upper class students, participants will be expected to develop mentoring relationships with entering participants.
8. Students will be expected to participate in a study abroad experience.

## COURSE DESCRIPTIONS

*All courses are open only to students accepted into the program, except LDSP 3000, 3100, and 3200.*

### **LDSP 1000 Introduction to The Study of Leadership (1)**

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)**

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)**

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)**

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 Junior level course, open to all Junior or Senior 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)**

Students will be assigned to a community committee and meet with the group on a regular basis as a participating member. In addition, students will attend at least two 2-hour workshops addressing practical application of leadership concepts and will participate in a group project. Readings related to the topic will be required.

**LDSP 3002 Leadership Issues II (1)**

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)**

*Prerequisite: 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.

**LDSP 4001 Great Leaders (1)**

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.

**PREVETERINARY MEDICINE** (Three or Four Year Transfer Program)

*School of Agriculture & Geosciences*

*College of Science and Mathematics*

*Advisor: Dr. J. Goode*

*Location: Sundquist Science Complex, D232*

*Phone: 931-221-7272*

*Website: [www.apsu.edu/agriculture/](http://www.apsu.edu/agriculture/)*

APSU offers a preveterinary medicine program 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 allows students to apply for veterinary school the junior year (or the senior year should they not complete all requirements as a junior). The student has two degree options at Austin Peay: (1) the student may apply for a degree granted *in absentia* (see page 123 ) after having successfully completed the first year of veterinary school; or, (2) the student may complete all the requirements in the four-year curriculum and receive a B.S. Degree in Agriculture.

The preveterinary program of study includes more course work 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.

### SUGGESTED PROGRAM OF STUDY

Freshman Year		Cr.	Sophomore Year		Cr.
AGRI 1000, 1310, 1410		8	AGRI 3310, 2310		7
BIOL 1010, 1020		8	CHEM 3510, 3520		8
CHEM 1110, 1120		10	History core		6
ENGL 1010, 1020		6	Humanities core		6
MATH 1720		3	PHYS 2010, 2020		10
	<b>Total Hours</b>	<b>35</b>		<b>Total Hours</b>	<b>37</b>
Junior Year		Cr.	Senior Year		Cr.
AGRI 3110, 3330, 3500, 4430		11	AGRI 2210, 3350, 3610, 3620		10
BIOL 4440		4	BIOL 3060, 4200		8
CHEM 4300		4	Linguistics		3
ECON 2010		3	COMM 1010		3
PHED, ROTC, Band		2	Social Science core		3
HHP 1210		3	MIS 1200		3
Humanities core		6	Electives		3
	<b>Total Hours</b>	<b>33</b>		<b>Total Hours</b>	<b>33</b>

## PROFESSIONAL STUDIES (B.P.S)

*School of Technology and Public Management*

*Advisor: Dr. Philip Hatch*

*Location: AP Center @ Ft. Campbell, Bldg 6727*

*Phone: 931-221-1480*

*Website: [www.apsu.edu/apfc/degrees/BPS.htm](http://www.apsu.edu/apfc/degrees/BPS.htm)*

The Austin Peay Center @ Fort Campbell offers the Bachelor of Professional Studies degree (B.P.S.). This degree is intended for students who have completed Associate of Applied Science (AAS) degrees either at community colleges or technical schools, and who desire to enhance their knowledge, analytical abilities and critical thinking skills for upward mobility in their field. The B.P.S. is not a degree in business. The program is to provide a seamless transition from technical fields to an appropriate baccalaureate program while enhancing the liberal arts component of the student's education.

Students entering this program must meet the standard admission requirements of Austin Peay State University. The program is an inverted 2 + 2 program in which the student takes the first two years at a community college or technical school in an associate of applied science program, and completes the junior and senior years at APSU.

Because the program is designed to admit students from a wide variety of AAS programs, the curriculum is diverse and varied. Each student must complete a "contract" specifying a program of study listing required courses and prerequisites. Including prerequisites. BPS graduates must complete the TBR core requirements and have 48 hours of upper division credits.



**MAJOR (15 Hours):**

BLAW 3300; PTMA 3020, 4020; PM 3200 or MGT 3010; PM 3230 or MGT 3210; and select five courses from ENGT 3010, 3610, 3650, 3660, 3790; LDSP 3000; MGT 3610; PM 3240, 3610, 3710, 4810; PTMA 3070, 3500, 4800, MGT 3110 or PM 4120, COMM 3320 or 4020.

**SUGGESTED PROGRAM OF STUDY**

Freshman Year		Cr.	Sophomore Year		Cr.
ENGL 1010		3	Science with Lab		8
ENGL 1020		3	Social Science		3
COMM 1010		3	Math 1110 or MATH 1610		3
HIST 2010		3	Technical Concentration		15
HIST 2020		3	Electives		9
Humanity		3			
Humanity		3			
Social Science		3			
Technical Concentration		12			
Freshman Experience		1			
<b>Total Hours</b>		<b>37</b>	<b>Total Hours</b>		<b>38</b>
Junior Year		Cr.	Senior Year		Cr.
PTMA 3020		3	U/D Technical Elective		3
PTMA 3200		3	BLAW 3300		3
PTMA 3050		3	Professional Studies Electives		12
ENGT 3820		3	U/D Liberal Arts Electives		6
Professional Studies Elective		3	PE		2
U/D Technical Elective		6			
U/D Liberal Arts Elective		3			
Technical Concentration		3			
<b>Total Hours</b>		<b>27</b>	<b>Total Hours</b>		<b>26</b>

Academic Programs With Course Descriptions

**COURSE DESCRIPTIONS**

**PTMA 3020 Managing Information Technology (3)**

*Prerequisites: AOM 2110, CSCI 1000 or MIS 1100 or equivalent proficiency*

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 International Business and Standards**

This course presents a view of the international business environment. The course surveys issues faced by managers in today's global economy, as well as issues of trade policy, the impact of standards on the global economy, and the use of standards for policy development.

**PTMA 3060 Conflict Management**

Overview of the history and framework for understanding and resolving conflict. Comparative examination of the types of conflict, impacts of conflict, and the fundamental

legal outcomes of conflict are extensively explored. The student will analyze methods of conflict resolution with the goal of providing an understanding of the development of resolution techniques.

### **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 3500 Methods of Performance and Productivity Assessment (3)**

This course is designed to expose students to fundamental theories of organizational performance measurement, such as Management by Objectives (MBO) and Total Quality management (TQM). 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 3990 Contract Management**

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 1010/1020 or AOM 2300*

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-related correspondence will be included. Students will be exposed to information technology, ethics in writing, an intercultural communications.

### **PTMA 4500 Management of Operations**

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 but are not limited to: planning, communication, material management, safety, marketing, finance, and government and society.

### **PTMA 4600 Project Management**

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 programs.

### **PTMA 4800 Seminar in Training and Development (3)**

Investigates theories of learning and instructional development for the education and training of employees. Topics to 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 4995 Special Studies in Professional Studies**

This course is designed to address specific current problems and topics in the area of management. Relative importance of current trends and issues in the field of management and availability of faculty expertise and/or experience will determine the frequency of course offering. Course will be offered as an elective within the Bachelor of Professional Studies program.

**PSYCHOLOGY (B.A., B.S.)**

*College of Professional Programs and Social Sciences*

*Fung (Interim Chair) Bonnington, Bryant, Butler, Denton, Golden, Grah, Iyer, Lewis, McCarthy, Wilson, P., C. Woods, N. Woods.*

*Location: Clement 205*

*Phone: 931-221-7233*

*Website: www.apsu.edu/psychology/*

The Psychology department is committed to the excellence of its academic programs and believes that the constant review of standards is critical to providing the best education possible to its students. Students majoring in psychology will be expected to participate in the overall academic assessment program of both the University and the department.

The objective of the program is to provide the student with a firm foundation in basic psychology. This includes knowledge of basic content areas as well as the skills fundamental to all areas of psychology. A student completing the major in psychology should be able to:

1. Conduct a search of psychological literature;
2. Read and understand journal articles;
3. Evaluate a hypothesis or theory on the basis of empirical data;
4. Design and conduct a research article; and,
5. Write a paper following APA style.

**SUGGESTED PROGRAM OF STUDY**

Listed below is a possible schedule of courses for a major in psychology. Actual schedules may differ. Each student should consult with an advisor when preparing a schedule.

Freshman Year	Cr.	Sophomore Year	Cr.
PSY 1010	3	PSY 2000, 2010, 3180	7
Health & Personal Development Core	3	Minor Introduction course	3
ENGL 1010, 1020	6	ENGL 2030, 20xx <sup>1</sup>	6
HIST 2010, 2020	6	BIOL 1030 & another science <sup>2</sup>	8
MATH 1110, 1120 <sup>2</sup>	6	COMM 1010 <sup>2</sup>	3
CSCI 1000 or ENGL 1100 <sup>2</sup>	3	Humanities core <sup>1</sup>	6
Social Science Core	3		
PHED, ROTC <sup>1</sup>	1		
PHED, ROTC, Band <sup>1</sup>	1		
<b>Total Hours</b>	<b>32</b>	<b>Total Hours</b>	<b>33</b>

Junior Year	Cr.	Senior Year	Cr.
Psychology core – 3010 or 3040	4	Psychology electives	9
Psychology core – 3020 or 3030	4	Minor electives	9
Psychology core – 4350 or 4360	3	Upper division electives	15
Psychology core – 3100, 3300	6		
Psychology electives	6		
Minor courses	6		
Upper division elective	3		
<b>Total Hours</b>	<b>32</b>	<b>Total Hours</b>	<b>33</b>

<sup>1</sup> Refer to Liberal Arts core requirements.

<sup>2</sup> Recommend Liberal Arts core courses.

**MAJOR (42 Hours):** No more than eight hours which count toward another major can be used for a major in Psychology.

**Psychology Core (27 Hours):**

- PSY 1010 - General Psychology
- PSY 2000 - Orientation to Psychology
- PSY 2010 - Statistics for the Behavioral Sciences
- PSY 3040 - Cognitive Processes **OR** PSY 3010 Learning and Motivation
- PSY 3020 - Physiological Psychology **OR** PSY 3030 Sensory Processes
- PSY 3100 - Developmental Psychology
- PSY 310 Research Methods
- PSY 3330 Social Psychology
- PSY 4350 Psychology of Personality **OR** PSY 4360 Abnormal Psychology

**Psychology Electives (15 hours):**

- 2210, 3010, 3020, 3030, 3040, 3110, 3120, 3130, 3200, 3210, 3230, 3290, 3340, 3500, 4000, 4010, 4060, 4120, 4140, 4150, 4350, 4360, 4444, 4500, 4610, 4840, 4850, other electives approved by department

**NOTE:** Courses taken as part of the Psychology Core may not simultaneously fulfill an elective requirement

**MINOR (18 hours):**

1010 and electives, at least twelve hours must be 3000-4999 level courses. No more than eight hours which count toward another major can be used for a minor in Psychology.

## COURSE DESCRIPTIONS

**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 2000 Orientation to Psychology (1)**

*Prerequisites: PSY 1010*

Provides information for the student to derive the greatest benefit from the psychology program and helps the student achieve his or her career aspirations.

**PSY 2010 Statistics For The Behavioral Sciences (3)**

*Prerequisite: completion of mathematics core requirement*

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*

An in-depth presentation of basic principles, findings, concepts and theoretical positions in the areas of learning and motivation. Attention is given to the debate over the nature of learning at both the empirical and physical levels. This course includes both lecture and laboratory activities.

**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, methods for its study, and the relationship between physiological and psychological events. This course includes both lecture and laboratory activities.

**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.

**PSY 3100 Developmental Psychology (3)**

*Prerequisites: 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)***Prerequisites: PSY 1010 or EDUC 1000*

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. Examples of child development in the context of educational settings will be emphasized.

**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 Educational Psychology (3)**

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, and 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 3130*

The scientific study of human development from pre-adolescence 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, life styles, values, achievement motivation, power, mental health, and mental disorders in women. The empirical study of the psychological issues of women will be emphasized.

**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 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, 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.

**PSY 4010 Death, Dying, and Bereavement (3)**

*Prerequisite: Junior, Senior status 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 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, and Junior or Senior standing*

Introduction to the basic topics in the field of human factors engineering; human functional limitations in areas such a sensation and perception, learning and memory, motor skills, and ergonomics.

**PSY 4140 Learning and Behavioral Disorders (3)**

*Prerequisites: 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)***Prerequisite: 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, mental disorders with brain pathology.

**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 4840 Honors: Research (3)***Prerequisites: All psychology core courses; 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.

**PSY 4850 Honors: Field Experience (3)***Prerequisites: All psychology core courses; 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 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.



**PUBLIC ACCOUNTING OPTION (CPA)**

See Business, page 157.

**PUBLIC MANAGEMENT**

*School of Technology and Public Management*

*Waheeduzzaman (Chair), Abedin, Prescott*

*Location: AP Center @ Ft. Campbell, Bldg 6727*

*Phone: 931-221-1480*

*Website: www.apsu.edu/pmdept*

The Public Management program is a pre-professional distributive major aimed at providing students with technical and managerial skills plus practical work experience. 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. Considerable flexibility is possible and students may select areas of concentration from the following disciplines: Geology/Geography, Health and Human Performance (Recreation), History, Political Science, Public Management (Criminal Justice) and Sociology. In addition to those listed above, students enrolled in the Public Management program at Fort Campbell may also select from the following concentrations: Criminal Justice (Alternative 2); General Management. One of the requirements for graduation is that all Public Management majors achieve a satisfactory score on the departmental exit examination. This examination is administered during the Fall and Spring semesters, and Summer term. Candidates for graduation are required to take this examination during the semester/term in which they are to complete their degree requirements.

**SUGGESTED PROGRAM OF STUDY**

Students should plan their schedules based on past performance, residence, outside work, or extracurricular activities. To graduate in four years, students should take 30-32 semester hours each year. Each student should consult their advisor when planning their schedule.

<b>Freshman Year</b>	<b>Cr.</b>	<b>Sophomore Year</b>	<b>Cr.</b>
GEOL 1040, 1050	8	ENGL 2030, 20xx	6
Mathematics core <sup>1</sup>	6	ART 1030, 2010	6
ENGL 1010, 1020	6	COMM 1010	3
HIST 2010, 2020	6	SOC 2010	3
PHED, ROTC, Band <sup>1</sup>	2	HHP 1210	3
		MUS 1030	3
		PSCI 2010	3
		PSY 1010	3
		ECON 2010	3
<b>Total Hours</b>	<b>28</b>	<b>Total Hours</b>	<b>33</b>

Academic Programs With Course Descriptions

<b>Junior Year</b>	<b>Cr.</b>	<b>Senior Year</b>	<b>Cr.</b>
PM 3200, 3230, 3235, 3250	12	PM 3760, 4810, 4860	18
Concentration	12	Concentration	9
Electives	6	Electives	6
<b>Total Hours</b>	<b>30</b>	<b>Total Hours</b>	<b>33</b>

<sup>1</sup> Refer to Liberal Arts core requirements.

### DISTRIBUTIVE MAJOR: (57-67 Hours)

#### Public Management core (39 Hours)

ACCT 2010, ECON 2010, PSCI 2010, PM 3200, 3230, 3235, 3240\*, 3250, 3760, 4120, 4810\*; and 4850\*\* or 4860.\* No minor is required.

\* Students enrolled only at Austin Peay Center @ Fort Campbell.

\*\* Students enrolled only on the Main Campus.

### CONCENTRATIONS (18-28 Hours)

All students may select EITHER a minor from any of the minors offered by the University OR an area of concentration from any of the departments or areas listed below.

Austin Peay State University Campus and Austin Peay Center @ Fort Campbell

Department Concentration	Advisor	Requirements
Geology/Geography	Kemmerly	27-28 hours including GEOL 1040*, 1050*, 3030; GEOG 3150, 3200, 3250; GEOG 3230; and select one from GEOG 4000, GEOL 3100.
Health and Human Performance (Recreation)	O. Shepherd	21-24 hours including HHP 2240 and upper level (Recreation) related courses approved by Health and Human Performance advisor.
History	Wallace or Zieren	18-24 hours including HIST 1210*, 1220*, and upper level courses other than HIST 4400 and above approved by the history advisor.
Political Science	D. Kanervo or Warren	24 hours including PSCI 2010, 2040, 2070, and upper level courses other than PSCI 4400 approved by political science advisor.
Public Management (Criminal Justice)	Prescott	24 hours including PM 3140, 3150, 3170, 3180, 3310, 4330, SOC 3200; select one from: BLAW 3210, 3220, 3300; PM 3160; PSCI 4300, 4310; PSY 1210; SOC 2050, 3050, 3140 as approved by the criminal justice advisor.
Sociology	Hsu	21 hours including: SOC 2010, 2050; 4080 or 4090; and other courses as approved by sociology advisor.

\* Required only if not taken as part of Liberal Arts core requirements.

Students enrolled at the Main Campus or Fort Campbell may select Geology/Geography, Health and Human Performance, History, Political Science, Public Management, Criminal Justice, or Sociology as their concentration. In addition, students enrolled at Fort Campbell may select one of the following concentrations.

### **Austin Peay Center @ Fort Campbell Only**

#### **Criminal Justice (21 Hours - Alternative 2):**

LEN 1010 Introduction to Criminal Justice  
 LEN 1020 Criminal Law and Procedure  
 LEN 1030 Criminalistics  
 LEN 2010 Police Administration  
 LEN 2020 Criminal Investigation  
 LEN 2030 Criminal Evidence  
 LEN 2040 Drug Identification and Effects

#### **General Management (21 hours):**

MT 1000 Introduction to Business Environment  
 MT 2030 Marketing Survey  
 MT 2050 Principles of Management  
 MT 2200 Business and Industrial Safety  
 MT 2250 Introduction to Business Law  
 MT 2270 Business Ethics  
 MT 2450 Labor Relations

If courses are not available on the Campus and students must obtain them at the Austin Peay Center @ Fort Campbell, special consideration for fees will be given by the Vice President for Academic Affairs, provided the student is concurrently enrolled full-time on the Campus.

## **COURSE DESCRIPTIONS**

### **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; habitats for humanities; 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 a 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, 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 upon 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.

**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 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 manager trained to utilize and apply these techniques to public and quasi-public sector organizations for the purpose of quantifying individual, team and group performance for the purpose of improving organizational effectiveness.

**PM 3760 Methods and 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 390A Study Abroad-Africa (6)**

Designed to provide students with a hands-on learning experience on and about African politics and culture.

**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 451A, B, C Selected Topics in Public Management (3 each)**

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.

**PUBLIC RELATIONS CONCENTRATION**

See Communication Arts, page 186

**RADIOLOGIC TECHNOLOGY (B.S.)**

*Department of Biology*

*College of Science and Mathematics*

*Advisors: Dr. K. Belcher,*

APSU has an affiliation with the Radiologic Technology School at the Vanderbilt University Medical Center for training of students seeking certification in Nuclear Medicine Technology, Radiation Therapy Technology or Ultrasonography. Students desiring to enter one of the programs in 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 *in absentia* after successful completion of the professional program, provided the requirements outlined on page 123 have been met. 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.

**SUGGESTED PROGRAM OF STUDY**

Freshman Year	Cr.	Sophomore Year	Cr.
BIOL 2010, 2020	8	BIOL 2300, 3760	8
CHEM 1110, 1120	8	PHYS 2010, 2020	10
ENGL 1010, 1020	6	HIST 2010, 2020	6
PSY 1010 <sup>1</sup>	3	PSY 2210 <sup>1</sup>	3
MATH 1110, 1120 <sup>1</sup>	6	ART 1030	3

MUS 1030 <sup>2</sup>	3	COMM 1010	3
		PHED, Band, ROTC <sup>3</sup>	1
<b>Total Hours</b>		<b>34</b>	

<b>Junior Year</b>	<b>Cr.</b>	<b>Senior Year <sup>4</sup></b>
ENGL 2030 <sup>1</sup> , 20xx	6	
BIOL 3910, 4130	8	
PHYS 3901	2	
CSCI 1010	3	
SOC 3010 <sup>1</sup>	3	
PHED, ROTC <sup>3</sup>	1	
Elective	3	
<b>Total Hours</b>		<b>26</b>

- <sup>1</sup> Strongly recommended, however other courses from the approved B.S. academic program may be elected.
- <sup>2</sup> More mathematics study is encouraged. A student with good mathematical preparation is encouraged to take MATH 1910, 1920 rather than the sequence listed.
- <sup>3</sup> Refer to Liberal Arts core requirements.
- <sup>4</sup> Requires satisfactory completion of a clinical internship at a school or radiologic technology approved for such training by an accrediting agency for radiologic technology and APSU.

Academic Programs With Course Descriptions

## REGENTS ONLINE DEGREE PROGRAM (RODP)

### *Extended and Distance Education*

*Advisor: Ms. N. Mathews*

*Location: 106 Public Square*

*Phone: (931) 221-1373*

*Website: [www.apsu.edu/regentsdegree/](http://www.apsu.edu/regentsdegree/)*

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 bachelor degrees. Courses completed in the Regents Online Degree Programs are entirely online and transferable among all the participating institutions.

The Regents Online Degree Program (RODP) is an online degree program in which a student can earn a Bachelor's Degree with a major in Professional Studies or Interdisciplinary Studies via the Tennessee Board of Regents Degree Program (RODP) at APSU. Simply stated all courses completed in the RODP will be entirely online and will be completely transferable among all the participating institutions that are fully accredited.

These degrees and courses will be offered in an interactive, asynchronous format. That means that you can access your classes anytime and anywhere during the 12 week semester format. Advising, library services, student support, and other forms of student assistance will also be available online. Students will have technical support 24 hours per day, 7 days per week.

Two degrees are available through the RODP, the Bachelor of Interdisciplinary Studies a degree tailored to meet your individual needs and the Bachelor of Professional Studies with concentrations in Organizational Leadership or Information Technology prepares you for a career in organizational leadership or a technology-based information management.

## BACHELOR OF INTERDISCIPLINARY STUDIES (BIS)

The Interdisciplinary Studies degree is designed to allow persons to develop majors that are interdisciplinary and individualized. Majors are to be developed around a theme, a significant problem, or topic. The major must include two areas of emphasis, each with a minimum of twelve semester hours. The following emphasis areas are identified: Psychology, English, Public Relations, Information Technology, Organizational Leadership, Communication, Cultural Diversity, and International Studies. Check with the advisor for other possible emphasis areas.

### Other Requirements:

1. The University B.S. Liberal Arts Core..... 52 hours
2. Two areas of emphasis (Minimum 12 hours per emphasis area) .... 24 hours
3. Minimum upper division hours..... 45 hours
4. Minimum 21 of 45 upper division hours **MUST** be at the 4000 level
5. Total Number of credit hours from a University 60 with 30 of the last credits from APSU
6. Minimum 2.0 GPA in courses in major and courses in emphasis areas
7. Total Number of Credit Hours for Bachelor Degree ..... 120 hours

### Related Elective Courses (33)

An additional thirty-three semester hours may be drawn from the noted concentration areas or selected from other areas to complement the degree program.

### Special Project (3)

UNIV 4110 - (Culminating Experience)

\*as approved by advisor

AND/OR

### Internship (6)

UNIV 4995 (Culminating Career Experience)

\*as approved by advisor

## BACHELOR OF PROFESSIONAL STUDIES (BPS)

1. The University B.S. Liberal Arts Core..... 52 hours
2. Professional Core (required for both concentrations ..... 18 hours  
One course chosen from each area (3 hours each):
  - a. Administration & Supervision - PADM 3601, MGMT 3610, MGT 3010, MG 303
  - b. Organization Theory and Behavior - PADM 4226 or PM 4120
  - c. Team and Organizational Relations - ORCO 3240
  - d. Statistical Methods - SOC 451 or SOAA 3350
  - e. Written Communication - ENGL 3134 or ENGL 3250
  - f. International Context - PISI 435 or SPAN 355
3. Concentrations..... 24 hours

### Organizational Leadership Concentration

- a. Choose five courses (3 hours each) from the following: BMGT 3630, JOUR 3400, PM 3240, AHSC 4547, PSYC 3590, PTMA 3500, PSYC 3101
- b. RODP Internship (6) - UNIV 4995
- c. RODP Project (3) - UNIV 4110
- d. Information Technology Concentration



- e. Choose five courses (3 hours each) from the following: PTMA 3020, CSC 3700, CS 305, INFS 3700, CSCI 3222
- f. RODP Internship (6) - UNIV 4995
- g. RODP Project (3) - UNIV 4110
- 4. ELECTIVE COURSES - ..... 18 hours  
Electives/Additional General Education if need  
(Your advisor will assist you in selecting the best electives for your program.)
- 5. OTHER REQUIREMENTS:
  - a. Total Number of Credit Hours for Bachelor Degree ..... 120 hours
  - b. Total Number of Credit Hours from a University 60 with 30 of the last credits from APSU;
  - c. Minimum 45 upper division hours;
  - d. Minimum 2.0 GPA in courses in major and courses in concentration

**RELIGIOUS STUDIES MINOR (18 Hours)**

*Department of History and Philosophy  
College of Arts and Letters  
Advisor: Dr. A. Randall*

PHIL 2200; Select nine hours from PHIL 3050, 3200, 4200, 4500; Select two advisor-approved courses from Philosophy, Art, Literature, History, Sociology, or Greek.

**SOCIAL WORK (B.S.)**

*Department of Social Work and Sociology  
College of Professional Programs and Social Sciences  
Kanervo (Interim Chair), Carter, Hargrove, Joblin, Stoddard  
Location: Marks, 104  
Phone: 931-221-7515  
Website: [www.apsu.edu/socialwork/](http://www.apsu.edu/socialwork/)*

**MAJOR (79 Hours):**

The primary objective is to prepare students for beginning social work practice. The baccalaureate Social Work Program is fully accredited by the Council on Social Work Education. In addition to the 59 hours of Social Work courses, student must take 17 specified hours in the Liberal Arts core. Majors are required to take the following courses prior to SW 3420: BIOL 1010, 1030, HHP 1250, PSY 1010, 2210, SW 2110. All social work majors must take the Area Concentration Achievement Test (ACAT) major field exam and the ETS Academic Profile as a graduation requirement. No minor is required.

**APPLICATION AND ADMISSION REQUIREMENTS**

Students may declare social work as a major at any time, but requirements for formal admission to the social work major are as follows:

1. Completion of SW 2110, 3420;
2. A minimum cumulative GPA of 2.0; and,

3. Identified potential and suitability for the social work profession based on meeting criteria below.

Transfer students and other students who have completed two years or more before selecting social work as their major must apply to the department as soon as they meet the requirements. However, students who do not decide on social work as their major by the beginning of their sophomore year, may not be able to finish degree requirements within four years.

### SUITABILITY REQUIREMENTS FOR THE SOCIAL WORK MAJOR

Identified criteria to be considered are:

1. **Academic performance** - consistent class attendance and the ability to meet deadlines are considered to be positive indicators of a student's effort to meet departmental standards.
2. **GPA** - students who do not meet the grade-point requirements will be evaluated by a subcommittee of the Community Advisory Committee, and recommendations will be made regarding their termination or continuance as social work majors.
3. **Relationship skills** - social work requires the ability to relate to persons with problems, non-judgmentally with warmth and genuineness. The ultimate test of the student's interpersonal skills is in relationship with clients. However, observed positive relationships with faculty and students serve as reinforcements to suitability and future professional development.
4. **Emotional stability** - although no one is completely free of personal problems, one should be able to cope and function in a way that fosters continued self-awareness and growth necessary for professional social work practice.

The Social Work program reserves the right to remove students from the program, if necessary. See the Social Work Student Handbook for details and appeals process.

### APPLICATION FOR FIELD PRACTICUM

Students who have completed all of the required social work courses will apply for the Field Practicum during the semester before they register for the Field Practicum. Students will register for SW 4400 the semester before doing their Field Practicum. Students must also be emotionally and psychologically suited for the field as determined by the Field Practicum Director. The determination of when students may enroll for the Field Practicum will be based on the number of hours needed to graduate with priority given to those who need the fewest hours, and in case of ties then highest grade point average. See the Social Work Student Handbook for details and appeals process. The Field Practicum (4410, 441C) is offered in the Fall and Spring semesters. Students in the Practicum must not register for any other courses (except SW 4720, Senior Seminar), and will work full days at field agencies four days a week and attend the Field Seminar for three hours one day a week. Students must provide their own transportation to and from social service agencies as assigned by the Field Practicum Director. Students must join the National Association of Social Workers and purchase liability insurance.

### TRANSFER STUDENTS

The Chair of the Social Work Department will review the evaluated transcripts of all transfer students. The only courses that will substitute for required courses are Liberal Arts core requirements and SW 2110, unless the student transfers from an accredited social work program. No credit is awarded for life or work experience.

**SUGGESTED PROGRAM OF STUDY**

<b>Freshman Year</b>		<b>Cr.</b>	<b>Sophomore Year</b>		<b>Cr.</b>
ENGL 1010, 1020	6		COMM 1010	3	
HIST 2010, 2020	6		ENGL1100, 2030	6	
BIOL 1010, 1030	8		SW 3400, 3420, 4020, 4440	13	
PSY 1010, 2210	6		MATH 1530	3	
SW 2110	3		ENGL 20xx	3	
HHP 1250	3		PHED, ROTC, Band <sup>1</sup>	1	
			PHED, ROTC <sup>1</sup>	1	
	<b>Total Hours</b>	<b>32</b>	<b>Total Hours</b>	<b>30</b>	
<b>Junior Year</b>		<b>Cr.</b>	<b>Senior Year</b>		<b>Cr.</b>
SW 3450, 3630	6		SW 4410	12	
SW 3620, 4400	4		SW 4720	3	
SW 3770, 4430	6		SW 441C	3	
ART 2000	3		Electives	9	
MUS 2000	3		SW elective	3	
SW electives	6				
	<b>Total Hours</b>	<b>28</b>	<b>Total Hours</b>	<b>30</b>	

<sup>1</sup> Refer to the Liberal Arts core requirements

**COURSE DESCRIPTIONS**

**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 Social Work Practice Methods I (4) S**

*Prerequisite: SW 3420*

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. This is a web-enhanced course.

**SW 3410 Exploring Values (3)**

Exploration of the process of valuing, personal values, beliefs, and behaviors, societal values, and the value base of social work as well as how value dilemmas occur and ways to resolve value conflicts. Course is focused on development of self-knowledge through the use of values clarification strategies.

**SW 3420 Human Behavior in The Social Environment (3) F**

*Prerequisite: SW 2110 or permission of instructor*

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,

**Academic Programs With Course Descriptions**

organizational, community, and societal levels. Content on race, gender, and sexual orientation.

**SW 3430 Elements of Rural Practice (3) S**

Examination 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) S**

Exploration of crisis intervention models, processes, strategies, and skills with particular attention to HIV/AIDS, suicide, sexual assault, and family violence.

**SW 3450 Human Behavior in the Macro Social Environment (3) F**

*Prerequisite: 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) F**

*Prerequisite: SW 2110 or permission of instructor*

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) F**

*Prerequisite: SW 2110 or permission of instructor*

A hands-on experience in leading groups for 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 HIV and Social Work (3) F**

Explores psychosocial issues related to providing quality care to persons with HIV/AIDS and 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.

**SW 3490 Social Work and Aging (3) SU**

This course offers an empowerment-oriented approach to social work practice with the elderly. It explores problems such as health, mental health, financial and housing needs for this at risk group. The roles and responsibilities of the SW practitioner are clearly identified.

**SW 3620 Social Work Practice Methods II (3) F**

*Prerequisite: SW 3400*

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 Social Work Practice Methods III (3) S**

*Prerequisites: SW 3400*

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 (3) F**

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 3690 Vagina Monologues (3) F**

An intensive study of Eve Ensler's script culminating with a production of the play on campus on Feb. 14 each year. The course will increase awareness about violence against women, women's issues in an international context, women's spirituality and sexuality, and the perception of lesbianism in our society. Taken on a pass-fail basis.

**SW 3770 Research Methods (3) F, SU**

*Prerequisites: SW 3400, MATH 1530, or permission of instructor*

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, increase students awareness, factual knowledge, and understanding of human sexuality. Involves explicit films and topics some students may find offensive.

**SW 4400 Seminar for Field Instruction (1)**

*Prerequisites: 2110, 3420, 3450, 3770, 4020, 4430, 4440, and must earn a minimum grade of "C" in SW 3400 AND SW 3620.*

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. Taken on a pass-fail basis.

**SW 4410 Field Instruction (12)**

*Prerequisites: SW 2110, 3420, 3450, 3770, 4020, 4400, 4430, and 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 hours per week over the course of the semester. Taken on a pass-fail basis.

**SW 441C 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.

**SW 4430 Social Policy (3) S**

*Prerequisites: SW 3620, 4440, PSCI 2040 or permission of instructor*

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, 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) S**

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) F, S**

*Prerequisite: Social Work major, SW 4410 or concurrent with SW 4410*

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 (B.S.)**

*Department of Social Work and Sociology*

*College of Professional Programs and Social Sciences*

*Kanervo (Interim Chair), Rainey, Sanford*

*Location: Clement 143*

*Phone: 931-221-6260*

*Website: [www.apsu.edu/sociology/](http://www.apsu.edu/sociology/)*

Sociology is the study of society in all of its forms from individual to large organizations. The Sociology major emphasizes the theory 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 BS 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 MA to Ph.D. in order to become a professor, researcher, or applied sociologist.

**MAJOR (33 Hours):**

2010, 3760, 3770, 4080, and 4090; and sociology electives. A minor in another area is required. A departmental exit exam is taken during the last semester before graduation.

## SUGGESTED PROGRAM OF STUDY

Listed below is a possible schedule of courses for a sociology major. Each student should consult with an advisor when preparing a schedule.

Freshman Year		Cr.	Sophomore Year		Cr.
ENGL 1010, 1020		6	MATH 1110, 1530		6
HIST 2010		6	Humanities core <sup>1</sup>		6
PSY 1010, 2210		6	Computer Literacy		3
SOC 2010		3	Sociology elective		6
Science core <sup>1</sup>		8	PHED ROTC, Band <sup>1</sup>		1
Social Science core <sup>1</sup>		3	PHED, ROTC <sup>1</sup>		1
			Electives		6
	<b>Total Hours</b>	<b>32</b>		<b>Total Hours</b>	<b>29</b>
Junior Year		Cr.	Senior Year		Cr.
SOC 3760, 3770		6	SOC 4080, 4090		6
Sociology elective		6	Sociology elective		6
Minor		12	Minor		6
Elective		6	Electives		15
	<b>Total Hours</b>	<b>30</b>		<b>Total Hours</b>	<b>33</b>

<sup>1</sup> Refer to Liberal Arts core requirements

### DISTRIBUTIVE MAJOR IN PUBLIC MANAGEMENT WITH CONCENTRATION IN SOCIOLOGY:

See Public Management, page 360

### MINOR (18 HOURS):

2010, 2500, 4080 or 4090, and sociology electives

## COURSE DESCRIPTIONS

### 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) F, S

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) S

(Renumbered from SOC 3500)

The theories and elements of culture are identified and applied to a variety of human societies. Emphasizes pre-modern society.



**SOC 3010 Marriage and The Family (3) F**

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 3020 African American Families in The United States (3) S**

An analysis of historical and contemporary social science literature regarding Black family structure and function within the social and political context of the United States.

**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) S**

Minority groups and race relations in the United States. Special attention is devoted to such groups as Blacks, Indians, Orientals, and religious minorities.

**SOC 3100 Culture and Personality (3) F**

The influence of culture upon the development of personality, and of individuals upon the development of culture, with comparisons of various cultures and individuals within them.

**SOC 3140 Sociology of Deviant Behavior (3) S**

Contemporary theories of deviant behavior and major types of deviance in American society. The relationship between norms, deviance, and forms of social control; and 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) F**

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, dependency.

**SOC 3400 Sociology of Religion (3) S**

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 3600 Sociology of Later Maturity and Old Age (3) S**

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) F**

Basic techniques in social research with emphasis on the collection, analysis, and interpretation of quantitative data.

**SOC 3770 Research Methods (3) S**

The logic of social research and research design. The application of techniques and methods used to collect qualitative and quantitative data and the methods of analysis and interpretation of such data.

**SOC 3800 Women And Social Change (3)**

An analysis of the implications of social change for the status of women, and an evaluation of the women's movement and other institutions as a force for social change.

**SOC 3810 Collective Behavior And Social Movements (3)**

The study of social movements and collective behavior as they contribute to social change.

**SOC 4080 Classical Sociological Theory (3) F**

Major contributions to social theory during the 19th and early 20th centuries. Theorists include Comte, Marx, Weber, Pareto, Durkheim, and others. Major emphasis on the intellectual traditions which gave rise to sociology as a separate discipline.

**SOC 4090 Modern Sociological Theory (3) S**

Development of leading "schools" of sociological theory: Functionalism, Conflict, Symbolic Interactionism, Exchange, Ethnomethodology with emphasis on theory in American sociology since World War II.

**SOC 4300 Behavior in Organizations (3)**

Development and role of complex organization in contemporary society focusing on various explanations of organizational structure, process, and change.

**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 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 MAJOR**

See Foreign Languages, page 244, 249.

**SPANISH MINOR**

See Foreign Languages, page 244, 249.

**SPECIAL EDUCATION MAJOR AND ENDORSEMENT**

See Education, page 217.

**THEATRE EDUCATION AND ENDORSEMENT**

See Communication Arts, page 361.

**TECHNOLOGY CONCENTRATION**

See Public Management, page 361

**THEATRE CONCENTRATION**

See Communication Arts, page 187.

**WOMEN'S STUDIES MINOR (18 Hours)**

*College of Arts & Letters*

*Coordinator: Jill Eichhorn*

*Location: Harned Hall, 139*

*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.

**Required:**

- |         |  |
|---------|--|
| WS 2050 | Women and Culture: Introduction to Women's Studies               |
| WS 4010 | Capstone Seminar in Women's Studies                              |
| AAST    | Any 3-credit course with approval of Women's Studies Coordinator |

Select from the list of approved courses below. 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.

AAST 3000	Africana Women Across Cultures
BIOL 2010	Human Anatomy and Physiology I
BIOL 2020	Human Anatomy and Physiology II
COMM 4450	Mass Media and Women
ENGL 340F	Women Writers
ENGL 340W	Survey of Women's Literature
HIST 4670	Women in American History
NURS 2000	Women's Health in Today's World
PM 3400	Women and Administration
PSCI 4040	Women and Politics
PSCI 4330	Women and the Law
PSCI 4340	Family Law
PSY 3110	Human Development I
PSY 3120	Human Development II
PSY 3210	Psychology of Women
SOC 3010	Marriage and the Family
SOC 3800	Women and Social Change
SW 4020	Human Sexuality
THEA 4700	Topics in Women's Theatre
WS 300A, B, C	Selected Topics in Women's Studies
WS 3050	Women in the Arts

Other courses as approved by the coordinator.

## COURSE DESCRIPTIONS

### **WS 2050 Women and Culture: Introduction to Women's Studies (3)**

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 4010 Capstone Seminar in Women's Studies (3)**

*Prerequisites: Women's Studies minor and permission of coordinator*

Inquiry of feminist research methodology and directed individual reading and research of a significant issue related to women or gender, culminating in a research project and presentation.

AUSTIN PEAY  
CENTER @ FORT  
CAMPBELL



## AUSTIN PEAY CENTER @ FORT CAMPBELL

*Gerald Beavers, Executive Director*

*Location: School of Technology and Public Management*

*SSG Glenn H. English Jr. Army Education Center, Room 140*

*Phone: (931) 221-1400*

*Website: <http://www.apsu.edu/apfc/>*

### MISSION STATEMENT

The mission of the Austin Peay Center @ Fort Campbell is to prepare our military and civilian students with a pre-professional 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 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 four eight-week terms: Fall I (July - September), Fall II (October - December), Spring I (January - March), and Spring II (April - June). The official calendar for Fort Campbell is published in this Bulletin and will be published in the Fort Campbell Schedule of Classes.

### ACADEMIC ADVISEMENT

See page 45

### GRADE REPORTS

See page 47

### TEXTBOOKS

The Austin Peay Center @ Fort Campbell Bookstore, located in the 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 30

### FINANCIAL AID

Students planning to attend Austin Peay Center @ FC may apply for financial assistance. Students should complete and submit the Free Application for Federal Student Aid (FAFSA) which is available at Austin Peay Center @ FC or via the web at [www.fafsa.ed.gov](http://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 disbursement periods consistent with the four-term schedule per academic year offered through Austin Peay 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](http://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 page 46

**DEAN'S LIST**

See page 50

**DEGREES AND ACADEMIC PROGRAMS**

Austin Peay Center @ Fort Campbell is presently scheduled to offer courses leading to the following degrees at Fort Campbell:

**ASSOCIATE DEGREES with majors in:**

Liberal Arts (A.S.)

Data Processing (A.A.S.)

Concentrations..... Computer Science Technology  
 Secretarial Procedures

Management Technology (A.A.S.)

Concentrations: ..... Corrections Management  
 Culinary Arts  
 Food Service  
 General Business  
 Industrial Management  
 Management Technology  
 Police Science and Administration  
 Restaurant Management

Occupational Studies (A.A.S.)

Concentrations: ..... Automotive Technology  
 Construction Technology  
 Electronics Technology  
 Welding Technology

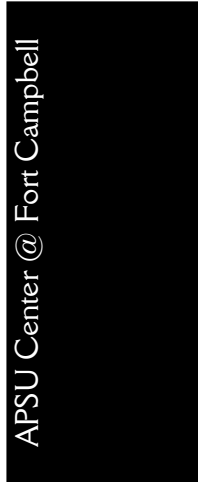
**BACHELOR OF PROFESSIONAL STUDIES DEGREE with major in:**

Professional Studies (see page 350)

**BACHELOR OF SCIENCE DEGREE with majors in:**

Public Management (see page 359)

Concentrations in: ..... General Management\*  
 Geography/Geology  
 Health and Human Performance  
 (Recreation)  
 History



- |  |  |
|--|--|
| <p>Engineering Technology<br/>         Concentrations: .....</p> | <p>Political Science<br/>         Police Science*<br/>         Public Management (Criminal Justice)*<br/>         Sociology</p> <p>General<br/>         Electronics<br/>         Electrical with Robotics<br/>         Manufacturing with Robotics</p> |
|--|--|

\*Available only at Fort Campbell.

**ACADEMIC STATUS AND RETENTION**

See page 49.

**GENERAL REQUIREMENTS FOR AN ASSOCIATE DEGREE**

Associate degree programs are offered through Austin Peay Center @ Fort Campbell. The Associate of Science in Liberal Arts is designed as university-transfer leading to a bachelor's degree.

The Associate of Applied Science is an occupational degree. The Bachelor of Professional Studies is designed for a seamless transition from the AAS to a baccalaureate program. The Associate of Applied Science degree 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.
6. Satisfy the computer literacy requirement.
7. Sixteen (16) hours residency with APSU.

**REQUIREMENTS FOR THE ASSOCIATE OF SCIENCE DEGREE (A.S.) IN LIBERAL ARTS**

Requirements for the Associate of Science Liberal Arts curriculum of 64 hours must be met as outlined below, including the 43 hours in the six specified areas and 21 additional elective hours.

**MAJOR: LIBERAL ARTS (64 HOURS)**

Advisors: M. Jones, T. Zanders

- I. **Communication** ..... 6 hours
  - ENGL 1010 - English Composition - 3 hours
  - ENGL 1020 - English Composition - 3 hours
- II. **Humanities** ..... 9 hours
  - A. World Literature (6 hours); or World Literature (3 hours) plus Foreign Language (3 hours) or Philosophy (3 hours)
    - 1. ENGL 2030 - Traditions in World Literature - 3 hours; and one of the following 3 hours each - Total, 6 hours
    - ENGL 2040 - World Literature: Fiction



- ENGL 2050 - World Literature: Poetry
- ENGL 2060 - World Literature: Drama
- ENGL 2070 - World Literature and Film
- ENGL 2080 - Themes in World Literature
- 2. Foreign Language - 3 hours each
  - a. FREN 2010 or 2020 - Intermediate French
  - b. GERM 2010 or 2020 - Intermediate German
  - c. GREK 2010 or 2020 - Intermediate Greek
  - d. JAPN 2010 or 2020 - Intermediate Japanese.
  - e. LATN 2010 or 2020 - Intermediate Latin
  - f. SPAN 2010 or 2020 - Intermediate Spanish
- 3. Any one from the following (3 hours each)
  - a. PHIL 1030 - Introduction to Philosophy
  - b. PHIL 2200 - Introduction to Religion
  - c. PHIL 2300 - Medical Ethics
  - d. PHIL 2310 - Environmental Ethics
  - e. PHIL 2400 - Business Ethics
  - f. PHIL 2410 - Educational Ethics
- B. One course from (3 hours):
  - 1. ART 1030 - Art Appreciation - 3 hours
  - 2. ART 3200 - Art History, U.S. - 3 hours
  - 3. MUS 1030 - Music Appreciation - 3 hours
  - 4. MUS 2050 - Beginning Music Reading and Performance - 3 hours
  - 5. MUS 2100 - Music in America - 3 hours
  - 6. MUS 2030 - World Music - 3 hours
  - 7. MUS 1950 and 1960 - Introduction to Music Literature (to be taken in sequence) - 4 hours, together
  - 8. THEA 1030 - Introduction to Theater - 3 hours
  - 9. THEA 3000 - American Theater - 3 hours
- III. Science/Mathematics ..... 11 hours**
  - A. Science: a two-course sequence or any two courses listed below, unless specified in the course descriptions (8 hours)
    - 1. BIOL 1010, 1020 - General Biology - 4 hours each
    - 2. BIOL 2010, 2020 - Human Anatomy and Physiology - 4 hours each
    - 3. CHEM 1000 - Chemistry For General Education - 4 hours
    - 4. CHEM 1010, 1020 - Chemistry - Society and Environment - 4 hours each
    - 5. CHEM 1110, 1120 - General Chemistry - 5 hours each
    - 6. GEOL 1040 - Physical Geology - 4 hours
    - 7. GEOL 1050 - Historical Geology - 4 hours
    - 8. PHYS 1010, 1020 - Understanding the Physical World - 4 hours each
    - 9. ASTR 1210 - Planetary Astronomy - 4 hours
    - 10. ASTR 1220 - Stellar Astronomy - 4 hours each
    - 11. PHYS 2010, 2020 - College Physics - 5 hours each
  - B. Mathematics: Select one course to satisfy requirement (3 hours)
    - 1. MATH 1110 - College Algebra - 3 hours
    - 2. MATH 1120 - College Algebra - 3 hours
    - 3. MATH 1610, 1620 - Fundamental Concepts of Mathematics - 3 hours each
    - 4. MATH 1720 - Trigonometry - 3 hours
    - 5. MATH 1810, 1820 - Elements of Calculus - 3 hours each
    - 6. MATH 1910 - Calculus and Analytic Geometry - 5 hours

APSU Center @ Fort Campbell

- IV. Social Sciences ..... 12 hours**
- A. HIST 2010, 2020 - American History I and II - 3 hours each (6 hours)  
 HIST 2030 - History of Tennessee may be substituted for three hours in the six hour requirement above.
- B. Social Science - one course must be selected from two different sections (6 hours):
1. School of Business - 3 hours each
    - a. ECON 2000 - Contemporary Economics
    - b. ECON 2010 - Principles of Economics I
    - c. FIN 1000 - Personal Finance.
  2. School of Agriculture & Geosciences - 3 hours each
    - a. GEOG 1010 - Physical Geography
    - b. GEOG 1020 - Geography of the Developed World
    - c. GEOG 1030 - Geography of the Developing World
  3. History and Philosophy Department - 3 hours each
    - a. HIST 1210 - World History I
    - b. HIST 1220 - World History II
  4. Political Science Department - 3 hours each
    - a. PSCI 2010 - American National Government
    - b. PSCI 2040 - Introduction to Public Policy
    - c. PSCI 2070 - International Politics
  5. Psychology Department - 3 hours
    - a. PSY 1010 - General Psychology
  6. Department of Sociology & Social Work - 3 hours each
    - a. SOC 2010 - Introduction to Sociology
    - b. SOC 2050 - Social Problems
    - c. SOC 3010 - Marriage and the Family
    - d. SOC 3500 - Cultural Anthropology
  7. Engineering Technology Department
    - a. ENGT 3010 - Engineering Technology
- V. Physical Education ..... 2 hours**  
 Two physical education activity courses: 1 hour each  
 Any lower-level ROTC course or military service may be substituted for a physical education activity course.  
 Credit earned for Marching Band during the Fall semester may be substituted for required physical education activity courses.
- VI. Computer Literacy ..... 3 hours**
- VII. Electives ..... 21 hours**  
 Elective credits are exclusive of developmental studies. Students are encouraged to review the Liberal Arts core requirements on page 113- 118 for suggestions.

**REQUIREMENTS OF ASSOCIATE OF APPLIED SCIENCE DEGREE (A.A.S.)**

**MAJOR: DATA PROCESSING (67 Hours)**

**CONCENTRATION: COMPUTER SCIENCE TECHNOLOGY**

Advisor: Evans

**SUGGESTED PROGRAM OF STUDY**

Freshman	Cr.	Sophomore	Cr.
ENGL 1010	3	CSCI 2010	3
ENGL 1020	3	CSCI 2060	3
MATH 1110	3	CSCI 3020	3
Humanities Elective	3	ET 2320	3
CSCI 1000	3	ET 2420	3
CSCI 1010	3	MATH 1720	3
ET 2030	3	PHYS 1020	3
ET 2040	3	COMM 1010	3
Electives	9	PSY 1010 or SOC 2010	3
		Electives	6
<b>Total Hours</b>	<b>33</b>	<b>Total Hours</b>	<b>33</b>

**Core of Common Knowledge (22 Hours)**

ENGL 1010 English Composition .....	3
ENGL 1020 English Composition .....	3
MATH 1110 College Algebra .....	3
PSY 1010 General Psychology	
or	
SOC 2010 Introduction to Sociology .....	3
COMM 1010 Fundamentals of Public Speaking .....	3
PHYS 1020 Understanding The Physical World .....	4
Humanities selected from courses on pages 382 - 383 .....	3

**Required Specialization (30 Hours)**

CSCI 1000 Introduction to Computer Science .....	3
CSCI 1010 Introduction to Programming I .....	3
CSCI 2010 Introduction to Programming II .....	3
CSCI 2060 ANS COBOL Programming .....	3
CSCI 3020 File Processing .....	3
ET 2030 Digital Electronics Circuits I .....	3
ET 2040 Digital Electronics Circuits II .....	3
ET 2320 Microprocessor Circuit Construction .....	3
ET 2420 Introduction to Computer Architecture .....	3
MATH 1720 Trigonometry .....	3

**Electives: .....** 15

Selected from appropriate courses in the College of Arts and Letters, Science and Mathematics, Business, Professional Programs and Social Services, 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 and computer literacy requirements.

## CONCENTRATION: SECRETARIAL PROCEDURES

Advisor: Evans

## SUGGESTED PROGRAM OF STUDY

Freshman	Cr.	Sophomore	Cr.
ENGL 1010	3	COMM 1010	3
ENGL 1020	3	ECON 2000 OR ECON 2010	3
MATH 1610 OR MATH 1110	3	Humanities Elective	3
MT 2010	3	MT 2250	3
MT 2050	3	MT 2370	3
CTIM 2010	3	CTIM 2160	3
CTIM 2020	3	CTIM 2210	3
CTIM 2110	3	CTIM 2300	3
CTIM 2040	3	CTIM 2350	3
CTIM 2050	3	CTIM Elective	3
CTIM Elective	3	Elective	3
<b>Total Hours</b>	<b>33</b>	<b>Total Hours</b>	<b>33</b>

**Core of Common Knowledge (24 Hours)**

ENGL 1010 English Composition .....	3
ENGL 1020 English Composition .....	3
MATH 1610 Fundamental Concepts of Mathematics	
or	
MATH 1110 College Algebra .....	3
COMM 1010 Fundamentals of Public Speaking .....	3
ECON 2000 Contemporary Economics	
or	
ECON 2010 Principles of Economics I .....	3
MT 2050 Principles of Management .....	3
CTIM 2110 Microcomputer Fundamentals .....	3
Humanities selected from courses on pages 382 - 383 .....	3

**Specialized Requirements (38 Hours)**

MT 2010 Accounting Survey.....	3
MT 2250 Introduction to Business Law .....	3
MT 2370 Human Relations in Business.....	3
CTIM 2010 Document Processing I .....	3
CTIM 2020 Document Processing II .....	3
CTIM 2040 Word Processing Concepts and Applications.....	3
CTIM 2050 Advanced Word Processing Applications & Desktop Publishing .....	3
CTIM 2160 Records and Information Management .....	3
CTIM 2210 Office Systems and Procedures .....	3
CTIM 2300 Business Communications .....	3
CTIM 2350 Office Management and Supervision .....	3

**Select six hours:**

CTIM 2100 Introduction to Microsystems .....	3
CTIM 2120 Microcomputer Software Applications .....	3
CTIM 2131 Spreadsheet Applications.....	3
CTIM 2132 Database Applications.....	3
CTIM 213A Microcomputer Applications: Word Processing .....	1.5

CTIM 213B Microcomputer Applications: Spreadsheets..... 1.5  
 CTIM 213C Microcomputer Applications: Database ..... 1.5  
 CTIM 213D Microcomputer Applications: Desktop Publishing ..... 1.5  
 CTIM 213E Microcomputer Applications: Presentation Graphics..... 1.5

**Electives ..... 3**

Selected from appropriate courses in the Colleges of Arts and Letters, Science and Mathematics, Business, 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 and computer literacy requirements.

**COURSE DESCRIPTIONS**

**ADMINISTRATIVE**

**OFFICE MANAGEMENT**

Following are course descriptions for technical courses taught exclusively at Fort Campbell.

**CTIM 2000 Beginning Typewriting/Keyboarding (3)**

Basic alphanumeric instruction on the electronic typewriter and/or microcomputer. Emphasis will be placed on speed and accuracy. Simple business documents will be introduced.

**CTIM 2010 Document Processing I (3)**

*Prerequisite: CTIM 2000 or equivalent skills*

Continuation of keyboarding skills essential to document processing. Involves processing intermediate level office correspondence/forms/reports.

**CTIM 2020 Document Processing II (3)**

*Prerequisite: CTIM 2010 or equivalent skills*

Refinement of keyboarding office production skills using complex forms and documents. Simulated office activities are implemented.

**CTIM 2040 Word Processing Concepts and Applications (3)**

*Prerequisite: CTIM 2020 or equivalent skills*

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 to Microsystems (3)**

Introduction to the hardware and software of micro-computers; instruction on configuring and troubleshooting of microsystems: MS-DOS and Windows instruction.

**CTIM 2110 Microcomputer Fundamentals (3)**

Computer terminology, professional ethics and social implications of computers. Introduction to microcomputer hardware, software, systems applications, and basic elementary programming.

**CTIM 2120 Microcomputer Software Applications (3)**

*Prerequisites: CTIM 2100, CTIM 2110, or permission of instructor*

Integrated software concepts which include word processing, spreadsheets, database management, graphics, and communications.

**CTIM 2121 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 2131 Spreadsheet Applications (3)**

*Prerequisites: CTIM 2100, CTIM 2110, or permission of instructor*

Business applications using spreadsheet software.

**CTIM 213A Microcomputer Applications: Word Processing (1.5)**

*Prerequisites: CTIM 2100, CTIM 2110, or permission of instructor*

Microcomputer-based word processing software, creating, editing, and manipulating documents of varying sophistication.

**CTIM 213B Microcomputer Applications: Spreadsheets (1.5)**

*Prerequisites: CTIM 2100, CTIM 2110, or permission of instructor*

Microcomputer-based spreadsheet software for business application, spreadsheet documents will be produced for a variety of applications.

**CTIM 213C Microcomputer Applications: Database (1.5)**

*Prerequisites: CTIM 2100, CTIM 2110, or permission of instructor*

Concepts of database management system using microcomputer database software to apply and validate these concepts.

**CTIM 213D Microcomputer Applications: Desktop Publishing (1.5)**

*Prerequisites: CTIM 2100, CTIM 2110, or permission of instructor*

Desktop publishing concepts and hands-on training in microcomputers, laser printers, and various page composition software packages.

**CTIM 213E Microcomputer Applications: Presentation Graphics (1.5)**

*Prerequisites: CTIM 2100, CTIM 2110, or permission of instructor*

Software used to design presentation graphics such as business charts, line charts, bar graphs, and organization charts.

**CTIM 2132 Database Applications (3)**

*Prerequisite: CTIM 2100, CTIM 2110, or permission of instructor*

Business applications using database software.

**CTIM 2135 Advanced Spreadsheet Applications**

Advanced business applications using spreadsheet software. Develop customized applications with macros and Visual Basic. Hands-on training to include case studies.

**CTIM 2145 Advanced Database Applications**

Advanced business applications using database software. Develop advanced queries, macros, using Visual Basic. Use data tables and Scenario Management and Solver for complex problems. Hands-on training to include case studies.

**CTIM 2150 Presentation Graphics Applications**

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**

Coverage of essential Web page development topics such as HTML, common Web page elements, hyperlinks, templates, tables, formatting, imaging maps, thumbnail images, interactive forms, and frames.

**CTIM 2180 Visual Basic I**

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**

Advanced concepts in methods of object oriented programming. Manipulating strings random access files, arrays, sequential access files and printing.

**CTIM 2190 Information Management**

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 2300 Business Communications (3)**

Principles of effective business communications. Solving business problems through writing business letters, reports, and oral communications.

**CTIM2350 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.

**CTIM 2600 Windows Workstation Management**

Installing, configuring, and maintaining windows workstations. Understanding users, groups, profiles, and policies. Troubleshooting, disaster recovery and protection.

**CTIM 2610 Windows Server**

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**

Analyzing business requirements, information technology structures, software requirements, hardware and network requirements. Designing forests, trees, and domains, organizational units, sites, and DNS implementation, security group and group policy.

**CTIM 2630 Networking Infrastructure**

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**

Introduces hardware and software concepts, troubleshooting fundamentals, multi-media technology, printers, viruses, disaster recovery, and maintenance plans.

**CTIM 2900 Seminar for Professional Secretaries (3)**

Strengthen and update secretarial knowledge in the behavioral sciences, office technology, and office administration and communications areas. Course materials are parallel to content of the Certified Professional Secretary examination.

**CTIM 2990 Internship in Administrative Office Management (3)**

Professional employment experience in preparation for an administrative office position. A formal written report documenting experiences will be required. Satisfactory evaluation by employer is also required for credit. Taken on a Pass/Fail basis.

**CTIM 299A, B, C Special Problems in Office Management (1, 2, 3)**

Individual research relating to current problems, issues, and/or technological advancements of the modern office. Conducted under the guidance of a faculty member.



**MAJOR: MANAGEMENT TECHNOLOGY (66 Hours)**

**CONCENTRATION: MANAGEMENT TECHNOLOGY**

Advisor: Halliman

**Core of Common Knowledge (24 Hours)**

ENGL 1010 English Composition .....	3
ENGL 1020 English Composition .....	3
COMM 1010 Fundamentals of Public Speaking .....	3
ECON 2000 Contemporary Economics .....	3
MATH 1610 Fundamental Concepts of Mathematics .....	3
CTIM 2110 Microcomputer Fundamentals .....	3
MT 2050 Principles of Management .....	3
Humanities selected from courses on pages 382 - 383 .....	3

**Required Specialization (33 Hours)**

MT 1000 Introduction to Business Environment .....	3
MT 2010 Accounting Survey .....	3
MT 2030 Marketing Survey .....	3
MT 2250 Introduction to Business Law .....	3
MT 2400 Human Resources Management .....	3
MT 2550 Small Business Operations .....	3
MT 2100 Mathematics for Management	
or	
MATH 1620 Fundamental Concepts of Mathematics .....	3
MT 2110 Business Statistics .....	3
MT 2150 Personal Financial Management.....	3
CTIM2300 Business Communications .....	3
CTIM 2350 Office Management and Supervision .....	3

**Guided Electives – (6 Hours) select six hours:**

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

Selected from appropriate courses in the Colleges of Arts and Letters, Science and Mathematics, Business, 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 and computer literacy requirements.

**SUGGESTED PROGRAM OF STUDY**

<b>Freshman</b>	<b>Cr.</b>	<b>Sophomore</b>	<b>Cr.</b>
ENGL 1010	3	ECON 2000	3
ENGL 1020	3	COMM 1010	3
MATH 1610	3	Humanities Elective	3
CTIM 2110	3	MT 2550	3
MT 2050	3	MT 2100 or MATH 1620	3
MT 1000	3	MT 2110	3
MT 2010	3	MT 2150	3
MT 2030	3	CTIM 2300	3

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MT 2250	3	CTIM 2350	3
MT 2400	3	MT Elective	3
MT Elective	3	Elective	3
<b>Total Hours</b>	<b>33</b>	<b>Total Hours</b>	<b>33</b>

**CONCENTRATION: MANAGEMENT TECHNOLOGY**

Specialization: General Business

Advisor: Zaman

**SUGGESTED PROGRAM OF STUDY**

Freshman	Cr.	Sophomore	Cr.
ENGL 1010	3	COMM 1010	3
ENGL 1020	3	ECON 2010	3
MATH 1110	3	Humanities Elective	3
MT 2050	3	ECON 2020	3
MIS 1100	3	ACCT 2020	3
MT 1000	3	MATH 1810	3
MT 2030	3	Natural Science w/Lab	4
MT 2250	3	PE	2
ACCT 2010	3	Electives	9
QM 2110	3		
American History	3		
<b>Total Hours</b>	<b>33</b>	<b>Total Hours</b>	<b>33</b>

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**Core of Common Knowledge (24 Hours)**

ENGL 1010 English Composition .....	3
ENGL 1020 English Composition .....	3
MATH 1110 College Algebra .....	3
COMM 1010 Fundamentals of Public Speaking .....	3
ECON 2010 Principles of Economics I .....	3
MT 2050 Principles of Management .....	3
MIS 1100 Computers in Business .....	3
Humanities selected from courses on pages 382 - 383 .....	3

**Required Specialization (24 Hours)**

MT 1000 Introduction to Business Environment .....	3
MT 2030 Marketing Survey .....	3
MT 2250 Introduction to Business Law .....	3
ECON 2020 Principles of Economics II .....	3
ACCT 2010 Principles of Accounting I .....	3
ACCT 2020 Principles of Accounting II .....	3
QM 2110 Business and Economic Statistics I .....	3
MATH 1810 Elements of Calculus .....	3

**Guided Electives (9 Hours)**

Select nine hours from B.S. Liberal Arts core with the minimum hours indicated from each of the following areas:

American History .....	3
Natural Science w/laboratory.....	4
Physical Education .....	2

**Electives** ..... 9

Selected nine hours from appropriate courses in the Colleges of Arts and Letters, Science and Mathematics, Business, Professional Programs and Social Services, 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 and computer literacy requirements.

**CONCENTRATION: MANAGEMENT TECHNOLOGY**

Specialization: Industrial Management

Advisor: Zaman

**SUGGESTED PROGRAM OF STUDY**

<b>Freshman</b>	<b>Cr.</b>	<b>Sophomore</b>	<b>Cr.</b>
ENGL 1010	3	COMM 1010	3
ENGL 1020	3	Humanities Elective	3
ECON 2000	3	MT 2370	3
MATH 1610	3	MT 2400	3
CTIM 2110	3	MT 2450	3
MT 2050	3	MT 2500	3
MT 1050	3	MT 2570	3
MT 2110	3	CTIM 2300 or ENGL 1100	3
MT 2120	3	MT Electives	6
MT 2200	3	Elective	3
MT 2250	3		
<b>Total Hours</b>	<b>33</b>	<b>Total Hours</b>	<b>33</b>

**Core of Common Knowledge (24 Hours)**

ENGL 1010 English Composition .....	3
ENGL 1020 English Composition .....	3
COMM 1010 Fundamentals of Public Speaking .....	3
ECON 2000 Contemporary Economics.....	3
MATH 1610 Fundamental Concepts of Mathematics .....	3
CTIM 2110 Microcomputer Fundamentals .....	3
MT 2050 Principles of Management .....	3
Humanities selected from courses on pages 382 - 383 .....	3

**Required Specialization (33 Hours)**

MT 1050 Industrial Mathematics .....	3
MT 2110 Business Statistics .....	3
MT 2120 Statistical Process Control.....	3
MT 2200 Business and Industrial Safety.....	3
MT 2250 Introduction 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 Business Communication	
or	

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ENGL 1100 Technical Report Writing.....	3
<b>Guided Electives: (6 Hours) Select six hours:</b>	
MT 2010 Accounting Survey.....	3
MT 2270 Business Ethics .....	3
MT 2600 Seminar: Special Topics in Industrial Management.....	3
CTIM 2350 Office Management and Supervision .....	3
<b>Electives .....</b>	<b>3</b>

Selected from appropriate courses in the Colleges of Arts and Letters, Science and Mathematics, Business, 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 and computer literacy requirements.

## COURSE DESCRIPTIONS

### MT 1000 Introduction to Business Environment (3)

Complex set of interrelationship 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, 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.

**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.*

**MAJOR: MANAGEMENT TECHNOLOGY (66 Hours)**  
**CONCENTRATION: POLICE SCIENCE AND ADMINISTRATION**

Advisor: Beavers

Students must select the specialization in Police Administration or Corrections Management.

**Core of Common Knowledge (18 Hours)**

ENGL 1010 English Composition .....	3
ENGL 1020 English Composition .....	3
MATH 1610 Fundamental Concepts of Mathematics	
or	
MATH 1110 College Algebra .....	3
PSY 1010 General Psychology	
or	
SOC 2010 Introduction to Sociology .....	3
COMM 1010 Fundamentals of Public Speaking	
or	
COMM 1030 Interpersonal Communication.....	3
Humanities selected from courses on page 382 - 383 .....	3

**Specialization I: Police Administration**  
**Required: 33 Hours**

**SUGGESTED PROGRAM OF STUDY**

<b>Freshman</b>	<b>Cr.</b>	<b>Sophomore</b>	<b>Cr.</b>
ENGL 1010	3	MATH 1110 or MATH 1610	3
ENGL 1020	3	Humanities Elective	3
PSY 1010 or SOC 2010	3	COMM 1010	3
LEN 1010	3	LEN 2020	3
LEN 1020	3	LEN 2030	3
LEN 1030	3	LEN 2040	3
LEN 1070 Computer Literacy	3	LEN 2080	3
LEN 1080	3	COR 1090	3
LEN 2010	3	LEN Electives	6
LEN Elective	6	Elective	3

**Total Hours 33**

**Total Hours 33**

LEN 1010 Introduction to Criminal Justice.....	3
LEN 1020 Criminal Law and Procedure .....	3
LEN 1030 Criminalistics .....	3
LEN 1070 Computers in Law Enforcement .....	3
LEN 1080 Patrol Procedures and Practices .....	3
LEN 2010 Police Administration .....	3
LEN 2020 Criminal Investigation .....	3
LEN 2030 Criminal Evidence .....	3
LEN 2040 Drug Identification and Effects .....	3
LEN 2080 Seminar in Law Enforcement .....	3
COR 1090 Constitutional Issues in Law Enforcement .....	3
<b>Guided Electives - select 12 hours:</b>	
LEN 1040 Police Firearms .....	3
LEN 1050 Business and Industrial Security .....	3
LEN 1060 Evidence Photography .....	3
LEN 1100 Basic Photography .....	3
LEN 1110 VIP Executive Protection .....	3
LEN 1120 Terrorism Understanding the Threat .....	3
LEN 1130 Crisis Counseling .....	3
LEN 1140 Tactical Shotgun .....	3
LEN 1150 Street Survival Seminar .....	3
LEN 1160 Accident Reconstruction .....	3
LEN 1170 Sects, Cults, Deviant Movements .....	3
LEN 1180 Basic Surveillance Techniques .....	3
LEN 1190 Unarmed Defensive Tactics .....	3
LEN 2050 Juvenile Procedures .....	3
LEN 2110 Criminal Intelligence .....	3
LEN 2130 Interviewing and Interrogation Techniques .....	3
LEN 2180 Countering Terrorism.....	3
LEN 2190 Tactical Training .....	3
<b>Electives .....</b>	<b>3</b>

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Selected from appropriate courses in the Colleges of Arts and Letters, Science and Mathematics, Business, 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 and computer literacy requirements.

**Specialization II: Corrections Management**  
**Required: 42 Hours**

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**SUGGESTED PROGRAM OF STUDY**

Freshman	Cr.	Sophomore	Cr.
ENGL 1010	3	MATH 1110 or MATH 1610	3
ENGL 1020	3	COMM 1010	3
PSY 1010 or SOC 2010	3	Humanities Elective	3
LEN 1010	3	LEN 2030	3
LEN 1020	3	LEN 2040	3
LEN 1040	3	LEN 2050	3
LEN 1070 Computer Literacy	3	COR 1090	3
COR 1050	3	COR 2060	3
COR 1060	3	COR 2070	3
COR 1070	3	COR 2090	3
Elective	3	Elective	3
<b>Total Hours</b>	<b>33</b>	<b>Total Hours</b>	<b>33</b>

LEN 1010 Introduction to Criminal Justice .....	3
LEN 1020 Criminal Law and Procedures .....	3
LEN 1040 Police Firearms and Defensive Tactics .....	3
LEN 1070 Computers in Law Enforcement .....	3
LEN 2030 Criminal Evidence .....	3
LEN 2040 Drug Identification and Effects .....	3
LEN 2050 Juvenile Procedures .....	3
COR 1050 Survey of Institutional Corrections .....	3
COR 1060 Criminology .....	3
COR 1070 Community-Based Corrections .....	3
COR 1090 Constitutional Issues in Law Enforcement .....	3
COR 2060 Correctional Management.....	3
COR 2070 Probation, Pardons, and Parole .....	3
COR 2090 Seminar in Corrections .....	3
<b>Electives.....</b>	<b>6</b>

Selected from appropriate courses in the Colleges of Arts and Letters, Science and Mathematics, Business, 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 and computer literacy requirements.



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## COURSE DESCRIPTIONS

Following are course descriptions for technical courses taught exclusively at Fort Campbell.

### **COR 1050 Survey of Institutional Corrections (3)**

Trends and developments in all elements of a modern correctional system for the treatment of juvenile and adult offenders.

### **COR 1060 Criminology (3)**

Causes and patterns of criminal and deviant behavior; methods of treatment and prevention.

### **COR 1070 Community-Based Corrections (3)**

Alternatives to incarceration of the criminal; diversion programs, including pre-trial intervention, deferred prosecution programs; substitutes for jail, and short-term treatment, including the problems of resocialization and reintegration of the offender into the community.

### **COR 1090 Constitutional Issues in Law Enforcement (3)**

Theoretical underpinnings of the U.S. Constitution, emphasis on the Bill of Rights and the effect on the present-day criminal justice system. Historical and contemporary interpretation and legal precedent examined through the development of legal briefs and case studies.

### **COR 2060 Correctional Management (3)**

Roles correctional administrators play, the problems they encounter, and the theoretical and practical skills needed for successful performance of their duties; alternatives to traditional procedures, such as community-based programs versus correctional institutions.

### **COR 2070 Probation, Pardons, Parole (3)**

Historical development, philosophies, and standards related to the process of probation, pardon, and parole; conditions under which they are granted, an evaluation of their efficiency, and alternative dispositions.

### **COR 2090 Seminar in Corrections (3)**

*Prerequisite: Permission of advisor*

Seminar of selected topics of current interest and controversy in corrections. Two field trips will be made to evaluate correctional institutions. A contemporary corrections problem will be identified with written attendant solutions resulting from an intensive research effort.

## **POLICE SCIENCE AND ADMINISTRATION (LAW ENFORCEMENT)**

### **LEN 1010 Introduction to Criminal Justice (3)**

Agencies involved in the administration of criminal justice and their purposes, goals, and actual functions. Evaluation of Law Enforcement responsibilities, techniques, and methods of police and patrol.

**LEN 1020 Criminal Law and Procedure (3)**

Overview of criminal trial procedures; historical background of constitutional rights; rules governing the admissibility of evidence and types of evidence. Includes laws of arrest, search, and seizure. Case law is applicable to each area.

**LEN 1030 Criminalistics (3)**

Crime scene protection, proper identification of evidence, including dusting latent prints, casting, fingerprint classification, and use of portable crime laboratory equipment.

**LEN 1040 Police Firearms (3)**

Basic skills, safety, and techniques governing the use of firearms; civil and criminal implications; practical application of firing standard police weapons. Instruction and practice in various legal and humane tactics for self-defense.

**LEN 1050 Business and Industrial 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.

**LEN 1060 Evidence Photography (3)**

*Prerequisites: LEN 2020, LEN 2030*

Applying photographic techniques in criminal investigation, types of cameras and lighting to record all types of evidence on film, and darkroom reproduction theories and practice.

**LEN 1070 Computers in Law Enforcement (3)**

Fundamentals of law enforcement data processing, computer hardware, software systems, and the impact of computers and data processing on the law enforcement entity.

**LEN 1080 Patrol Procedures and Practices (3)**

Patrol as a major activity of police service, including historical evolution of the concepts, methods of patrol, management and administration of a patrol force, and analysis of the effectiveness of traditional and non-traditional techniques.

**LEN 1100 Basic Photography (3)**

Familiarization with the nomenclature of the camera, film varieties, dark room procedures, printing, developing of film, and use of video camera, theory and application of photographic communication.

**LEN 1110 VIP Executive Protection (3)**

Extended knowledge of motorcade and personal protective techniques utilized by governmental police agencies to counter criminal and terrorist attacks against official visitors, presidential candidates, and other protective details, conduct a "Hands On" Protective Operation.

**LEN 1120 Terrorism, Understanding the Threat (3)**

International, transnational and local forms of terrorism. Terrorist goals, supporting organizations, trends, threats, targets, and modus operandi.

**LEN 1130 Crisis Counseling (3)**

Theories of victim crisis counseling; learning how to identify, analyze, and understand the abashment of victimization: sexual, child, and drug abuse.

**LEN 1140 Tactical Shotgun (3)**

Shotgun proficiency through practical exercises, day and low light combat, history of the shotgun in law enforcement, its limitations, and nomenclature.

**LEN 1150 Street Survival Seminar (3)**

Trends and factors causing death and personal injury to police officers, elements of danger present while on duty, tactical procedures, and safeguards, preparation, planning and reaction to hazardous situations.

**LEN 1160 Accident Reconstruction (3)**

Traffic accidents through scientific methods of calculating vehicle speed prior to, and post, accident. Accident report writing and collision diagrams.

**LEN 1170 Sect, Cults, Deviant Movements(3)**

History, precepts, and current philosophies of Paganism, Witchcraft, Satanism, Santeria, and Brujeria. Examine ceremonial and magical rituals, signs, symbols, secret alphabets, ritualized abuse, Black mass, and cult- occult crime investigation; psychological and sociological effects of fantasy role playing games and Black/Heavy metal music on adolescents.

**LEN 1180 Basic Surveillance Techniques (3)**

Foot and vehicle surveillance to insure undetected observation of primary and selected targets, day and night observation using all methods of surveillance.

**LEN 1190 Unarmed Defensive Tactics (3)**

Physically active course that consists of basic, practical, and useful techniques for law enforcement, military, and civilian personnel with reduced legal and medical liabilities to themselves and their departments.

**LEN 2010 Police Administration (3)**

*Prerequisite: Permission of advisor*

Organization, administration, and function of the police agency, policy procedures, operational duties and commands, evaluation of the planning, research, and development process, and relationship of theoretical administrative concepts to practical police problems.

**LEN 2020 Criminal Investigation (3)**

Criminal investigation including crime scene search and recording, collection and preservation of evidence, a survey of related forensic science, interviews and interrogations, methods of surveillance, case preparation, and presenting the case to court.

**LEN 2030 Criminal Evidence (3)**

Criminal evidence rules, types of evidence, principle of exclusion, evaluation and examination of evidence and proof, competency of witness, hearsay rule and opinion, pre-trial discovery, and testimony in court.

**LEN 2040 Drug Identification and Effects (3)**

Identification and pharmacological effects of controlled substances, guides to identification by color, trade name, and drug code. A critical examination of the physiological, sociological, psychological, and legal aspects of drug abuse.

**LEN 2050 Juvenile Procedures (3)**

Legal and philosophical concepts and jurisdiction of the juvenile justice system. Development and trends in juvenile court movement.

**LEN 2080 Internship in Criminal Justice (3)**

Prerequisite: Permission of advisor

Off-campus practical work experience in an appropriate field. The student must spend 24 hours with the agency, supervised by a field supervisor and the course instructor. Seminars and written reports required.

**LEN 2110 Criminal Intelligence (3)**

Collation, review and analysis of criminal intelligence, and law enforcement's application of the intelligence process to combat white collar crime.

**LEN 2130 Interviewing and Interrogation Techniques (3)**

Interviewing techniques utilized in interviews with victims, witnesses, and subjects of investigations.

**LEN 2170 Advanced Sects, Cults, Deviant Movements (3)**

History and current philosophies of traditional and non-traditional cults, explore ceremonial and ritual magical processes, and Afro-Caribbean cults. Investigative processes and crime scene investigation involving crimes motivated by deviant non-traditional cults.

**LEN 2180 Countering Terrorism (3)**

Acquaint students, law enforcement officers, or security personnel with current knowledge of the terrorist threat facing U.S. personnel and provide them with current state of the art security precautions to overcome that threat. Basic terrorist related terminology, terrorist organization structure-composition, weapons, foreign support, objectives, and goals.

**LEN 2190 Tactical Training (3)**

Historical development of special weapons and tactical teams, techniques of urban and rural movement, breaching techniques, forced entry methods, surreptitious and dynamic entry, and clearing.

**MAJOR: MANAGEMENT TECHNOLOGY (66 Hours)**

**CONCENTRATION: RESTAURANT MANAGEMENT**

Advisor: Stanfill

Students must select the specialization in Food Services or Culinary Arts.

**Core of Common Knowledge (18 Hours)**

ENGL 1010 English Composition .....	3
ENGL 1020 English Composition .....	3
MATH 1610 Fundamental Concepts of Mathematics	
or	
MATH 1110 College Algebra .....	3
PSY 1010 General Psychology	
or	
SOC 2010 Introduction of Sociology .....	3
COMM 1010 Fundamentals of Public Speaking .....	3
Humanities selected from courses on pages 382 - 383. ....	3

**Specialization I: Food Service**

**Required: 45 Hours**

**SUGGESTED PROGRAM OF STUDY**

<b>Freshman</b>	<b>Cr.</b>	<b>Sophomore</b>	<b>Cr.</b>
ENGL 1010	3	MATH 1110 or MATH 1610	3
ENGL 1020	3	COMM 1010	3
PSY 1010 or SOC 2010	3	Humanities Elective	3
FS 1100	3	CTIM 2300	3
FS 1500	3	FS 1300	3
FS 2040	3	FS 1400	3
FS 2200	3	FS 2050	3
FS 2300	3	FS 2100	3
FS 2500	3	FS 2400	3
FS 2990	3	FS 2600	3
Elective	3	FS 2980	3
<b>Total Hours</b>	<b>33</b>	<b>Total Hours</b>	<b>33</b>

CTIM 2300 Business Communication.....	3
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-Buffer 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

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FS 2980 Culinary Skills .....	3
FS 2990 Supervised Field Study .....	3

**Electives** ..... 3

Selected from appropriate courses in the Colleges of Arts and Letters, Science and Mathematics, Business, 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 and computer literacy requirements.

**Specialization II: Culinary Arts**  
**Required: 36 Hours**

**SUGGESTED PROGRAM OF STUDY**

Freshman	Cr.	Sophomore	Cr.
ENGL 1010	3	MATH 1110 or MATH 1610	3
ENGL 1020	3	COMM 1010	3
PSY 1010 or SOC 2010	3	Humanities Elective	3
CA 2000	3	CA 2200	3
CA 2100	3	CA 2300	3
CA 2400	3	CA 2410	3
CA 2420	3	CA 2520	3
CA 2510	3	CA 2530	3
CA 2800	3	CA Electives	9
CA 2900	3		
Elective	3		

**Total Hours 33**

**Total Hours 33**

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 Garde 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 9 hours)**

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** ..... 3

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To be chosen from appropriate courses in the Colleges of Arts and Letters, Science and Mathematics, Business, Professional Programs and Social Sciences, or the School of Technology and Public Managements. Students planning to pursue a baccalaureate degree should generally select the electives required to fulfill the Liberal Arts core and computer literacy requirements.

## COURSE DESCRIPTIONS

### CULINARY ARTS

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 introduce the student to 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 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; 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.

#### **CA 2500 Culinary Baking (3)**

Baking science, terminology, ingredients, weights and measures, formula conversion and storage; prepare yeast goods, pies, cakes, cookies and quick breads; use and care of equipment; sanitation, hygienic work habits and their conformance with health regulations.

#### **CA 2510 Human Relations/Management (3)**

The transition from employee to supervisor. Evaluate styles of leadership and develop effective skills in human relations and personnel management.

**CA 2520 Garde Manger (3)**

Basic garde manger principles and the functions and duties of the garde manger department as they relate 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 bar tending, and basic understanding of production process 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.

**FOOD SERVICE TECHNOLOGY**

Following are course descriptions for technical courses taught exclusively at Fort Campbell.

**FS 1100 Basic Food Service and Sanitation (3)**

Techniques of proper use of kitchen equipment and hand tools. Overview of food service industry and styles of service. Principles of microbiology in personal cleanliness: causes, control, and investigation of illness resulting from contamination. Sanitary practices in food preparation; proper dishwashing procedures, sanitation of kitchens, dining rooms, and equipment.

**FS 1300 Food Preparation-Breakfast (3)**

*Prerequisites: FS 1100, or permission of advisor*

Various breakfast foods and preparation procedures with emphasis on food cost control.

**FS 1400 Food Preparation-Lunch (3)**

*Prerequisites: FS 1100, or permission of advisor*

Food planning and preparation in lunch menu items, including short order foods.



**FS 1500 Food Preparation-Dinner (3)**

*Prerequisites: FS 1100, or permission of advisor*

Dinner items and menu planning to include use of leftover foods. An introduction to the baking area.

**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 2100 Food Preparation-Buffer Catering (3)**

*Prerequisites: FS 1300, FS 1400, FS 1500 or permission of advisor*

Food preparation with emphasis on style of service, buffet, table, box lunch, wedding receptions, picnics, office parties, and luncheons.

**FS 2200 Gourmet Foods (3)**

*Prerequisite: FS 2100 or 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.

**FS 2300 Food Management Operations and Administration (3)**

Business methods related to the field of food service. Accounting systems, record keeping, reporting cash turn-in, labor and menu costing, equipment selection, purchasing and maintenance, food purchasing and control, scheduling of personnel for shift, supervising, and controlling.

**FS 2400 Facility Layout and Volume Food Management (3)**

Design of food service facilities, to include analysis of floor pattern, time and motion principles, and equipment placement. Large volume food service, operational differences, menu construction, raw materials estimate, and large volume preparation techniques.

**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 2600 Nutrition and Menu Planning (3)**

Menu planning and nutritional consideration with emphasis on menu types and specializations such as ethnic foods and special occasions. The 650 calorie menu, other factors influencing menu planning, refrigeration facilities, employee skills, eye appealing food combinations, type of clientele, and food service.

**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 butterfish/shellfish, cold buttet 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.

**FS 2990 Supervised Field Study (3)**

*Prerequisite: Permission of advisor*

Individualized work experience in a full-service restaurant and instruction through a series of conferences with placement supervisor.

**MAJOR: OCCUPATIONAL STUDIES (66 Hours)**

**CONCENTRATION: AUTOMOTIVE TECHNOLOGY**

Advisor: French

**SUGGESTED PROGRAM OF STUDY**

Freshman	Cr.	Sophomore	Cr.
ENGL 1010	3	MATH 1110 or MATH 1610	3
ENGL 1020	3	COMM 1010	3
PSY 1010 or SOC 2010	3	Humanities Elective	3
AT 1050	3	AT 2300	3
AT 1300	3	AT 2350	3
At 2350	3	AT 2400	3
AT 1350	3	AT 2550	3
AT 1400	3	AT 2570	3
AT 1450	3	AT 2590	3
AT 2000	3	AT 2600	3
AT 2250	3	Elective	3
<b>Total Hours</b>	<b>33</b>	<b>Total Hours</b>	<b>33</b>

**Core of Common Knowledge (18 Hours)**

- ENGL 1010 English Composition ..... 3
- ENGL 1020 English Composition ..... 3
- MATH 1610 Fundamental Concepts of Mathematics
- or
- MATH 1110 College Algebra ..... 3
- PSY 1010 General Psychology
- or
- SOC 2010 Introduction to Sociology ..... 3
- COMM 1010 Fundamentals of Public Speaking ..... 3
- Humanities selected from courses on pages 382 - 383 ..... 3

**Required Specialization (45 Hours)**

- AT 1050 Basic Automobile Shop Practices ..... 3
- AT 1240 Fuel Systems ..... 3
- AT 1300 Engine Power Mechanics ..... 3
- AT 1350 Automotive Power Transfer Devices ..... 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 Systems .....	3
AT 2550 Computerization and Systems Monitoring .....	3
AT 2570 Advance Engine Performance, Diagnosis and Service .....	3
AT 2590 Advanced Automatic Transmissions .....	3
AT 2600 Production Mechanics .....	3
Electives .....	3

Selected from appropriate courses in the Colleges of Arts and Letters, Science and Mathematics, Business, 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 and computer literacy requirements.

**COURSE DESCRIPTIONS**

**AUTOMOTIVE TECHNOLOGY**

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.

**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 Automotive Power Transfer Devices (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.

**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 and 2550*

Diagnosis and repair of automotive fuel, emission, and ignition, electronic and computer systems, and 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 or permission of instructor.*

Line and simulated work on all phases of automobile mechanics.

**AT 2810, 2820, 2830 Special Topics in Automotive Technology (1-3 each)**

*Prerequisite: Permission of instructor*

Various topics in automotive technology which relate to the needs of the student and industry.

**MAJOR: OCCUPATIONAL STUDIES (66 Hours)**

**CONCENTRATION: CONSTRUCTION TECHNOLOGY**

Advisor: Jones

Students must select the specialization in General Construction, Metal Construction, or Condominium/Apartment Maintenance and Management.

**SUGGESTED PROGRAM OF STUDY**

Freshman	Cr.	Sophomore	Cr.
ENGL 1010	3	MATH 1110 or MATH 1610	3
ENGL 1020	3	COMM 1010	3
PSY 1010 or SOC 2010	3	Humanities Elective	3
CT 1210	3	CT 2440	3
CT 1320	3	CT Electives	18
CT 1330	3	Elective	3
CT 1430	3		
CT 1620	3		
CT 1680	3		
CT 1820	3		
CT 2430	3		
<b>Total Hours</b>	<b>33</b>	<b>Total Hours</b>	<b>33</b>

**Core of Common Knowledge (18 Hours)**

ENGL 1010 English Composition .....	3
ENGL 1020 English Composition .....	3
MATH 1610 Fundamental Concepts of Mathematics	
or	
MATH 1110 College Algebra .....	3
PSY 1010 General Psychology	
or	
SOC 2010 Introduction to Sociology .....	3
COMM 1010 Fundamentals of Public Speaking .....	3
Humanities selected from courses on pages 382 - 383. ....	3

**Specialization I: General Construction - Required 27 Hours**

CT 1210 Construction Surveying .....	3
CT 1320 Construction Drawing .....	3
CT 1330 Introductory Carpentry .....	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

**Select 18 hours:**

CT 1000 Home Repair and Maintenance .....	3
CT 1300 Blueprint Reading and Leveling Instruments .....	3
CT 1400 Systems Controls .....	3
CT 2320 Construction Drawing II .....	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 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

**Electives – General Construction ..... 3**

Selected from appropriate courses in the Colleges of Arts and Letters, Science and Mathematics, Business, 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 and computer literacy requirements.

**Specialization II: Metal Construction - Required: 45 Hours**

WT 1050 Introduction to Welding Processes .....	3
WT 1150 Basic Oxy-Acetylene Welding .....	3
WT 1250 Basic Arc Welding .....	3
WT 1300 Basic Tungsten Inert Gas Welding .....	3
WT 2050 Metal Inert Gas Welding .....	3
WT 2250 Advanced Arc Welding .....	3
WT 2350 Advanced Tungsten Inert Gas Welding .....	3
WT 2450 Specialized Welding Processes .....	3
WT 2550 Principles of Pipe Welding .....	3
WT 2650 Welding Metallurgy and Blueprint Symbols .....	3
WT 2700 Certification Practices–Plate Welding .....	3
CT 1330 Introductory Carpentry .....	3
CT 1430 Blueprint Reading and Sketching I .....	3
CT 1680 Applied Electricity .....	3
CT 2520 Contracts and Specifications .....	3

**Electives – Metal Construction ..... 3**

Selected from appropriate courses in the Colleges of Arts and Letters, Science and Mathematics, Business, 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 and computer literacy requirements.

**SUGGESTED PROGRAM OF STUDY**

<b>Freshman</b>	<b>Cr.</b>	<b>Sophomore</b>	<b>Cr.</b>
ENGL 1010	3	MATH 1110 or MATH 1610	3
ENGL 1020	3	COMM 1010	3
PSY 1010 or SOC 2010	3	Humanities Elective	3
WT 1050	3	WT 2550	3
WT 1150	3	WT 2650	3
WT 1250	3	WT 2700	3
WT 1300	3	CT 1330	3
WT 2050	3	CT 1430	3
WT 2250	3	CT 1680	3
WT 2350	3	CT 2520	3
WT 2450	3	Elective	3
<b>Total Hours</b>	<b>33</b>	<b>Total Hours</b>	<b>33</b>

**COURSE DESCRIPTIONS**

**CONSTRUCTION TECHNOLOGY**

Following are course descriptions for technical courses taught exclusively at Fort Campbell.

**CT 1000 Home Repair and Maintenance (3)** (CT100A, 100B, 100C-1 hour each)  
 CT 100A, CT 100B, and CT 100C 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; 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.

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**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, drawing a complete set of plans.

**CT 1330 Introductory Carpentry (3)**

Basic handtools, 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.

**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 be able to orthographically project these objects.

**CT 1620 Masonry Construction (3)**

Masonry trade and tools, preparation and application of mortar, estimation of materials, 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 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.

**CT 2430 Blueprint Reading and Sketching II (3)**

*Prerequisite: CT 1430 or permission of advisor*

A 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 (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)**

A comprehensive evaluation of basic engineering law with emphasis in the following areas: owner, engineer, contractor/owner relations and responsibilities, legal aspects of contract performance requirements, bidding practices and procedures, preparation and interpretation of specifications.

**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.

**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, 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 (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 FHAVA specifications.

### **CT 2830 Advanced Plumbing II (3)**

*Prerequisites: 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 check-out 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**

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.

## **WELDING TECHNOLOGY**

### **WT 1050 Introduction to Welding Processes (3)**

Preparation for entry into the field of welding. Basic fundamentals of gases, filler rods, and basic metallurgic principles: Arc, TIG and MIG welding machines. Shop practices with safety emphasized.

### **WT 1150 Basic Oxy-Acetylene Welding (3)**

Making of various types of welded joints using steel and brazing rods on mild steel plate in the various welding positions, safe handling of fuel gases and bead, butt, lap and fillet welds, and flame cutting.

### **WT 1250 Basic Arc Welding (3)**

Safe use of manual arc welding equipment and welded joint designs, bead formation, equipment and electrode selection, and joint designs.

**WT 1300 Basic Tungsten Inert Gas Welding (3)**

*Prerequisite: WT 1050 or permission of adviser or instructor*

Inert-gas shielded arc welding (TIG) with manually operated torch, set-up and adjustment, and manipulative skill, ferrous and non-ferrous metals.

**WT 2050 Metal Inert Gas Welding (3)**

*Prerequisite: WT 1050 or permission of adviser or instructor*

Manipulative welding skills using a semi-automatic welding gun, welding basic joints, maintenance and adjustment of equipment, for MIG machines.

**WT 2250 Advanced Arc Welding (3)**

*Prerequisite: WT 1250 or permission of adviser or instructor*

Cutting and preparing steel plate for single vee-groove welds, and making butt, fillet, and groove welds, using stringer and weave bead, structural certification test procedures and typical structural test plates are cut, beveled, and welded.

**WT 2350 Advanced Tungsten Inert Gas Welding (3)**

*Prerequisite: WT 1300 or permission of adviser or instructor*

A continuation of the TIG process, joining of heavy gauge nonferrous metals, ferrous and nonferrous pipe welding; flat, vertical, horizontal, and overhead welding methods for TIG and SMA pipe welding.

**WT 2450 Specialized Welding Processes (3)**

*Prerequisites: WT 1150, WT 1300, WT 2050 or permission of adviser or instructor*

Methods of brazing, oxy-acetylene aluminum welding, cast iron welding, and oxy-acetylene stainless steel welding, MIG process of welding aluminum.

**WT 2550 Principles of Pipe Welding (3)**

*Prerequisite: WT 1250 or permission of adviser or instructor*

Pipe cut-off, joint preparation and set-up, welding various sizes and thicknesses of pipe, 5G and 6G positions, pipe equipment, operation and preparation.

**WT 2650 Welding Metallurgy and Blueprint Symbols (3)**

Weldability of metals, effects of heat on different metals, joint design, and welding stress control, pre-equalizing welding certification procedures, testing of weldness, and code welding procedures and welding symbols in blueprint sketches.

**WT 2700 Certification Practices-Plate Welding (3)**

*Prerequisites: WT 2250, WT 2650 or permission of adviser or instructor*

Welding of plate steel in all positions to meet certification standards of the American Welding Society, destructive and nondestructive test methods.

**MAJOR: OCCUPATIONAL STUDIES (66 Hours)**

**CONCENTRATION: ELECTRONICS TECHNOLOGY**

Advisor: Salama

Students must select the specialization in Electronic Communications or Computer Technology.

**SUGGESTED PROGRAM OF STUDY**

APSU Center @ Fort Campbell

Freshman	Cr.	Sophomore	Cr.
ENGL 1010	3	COMM 1010	3
ENGL 1020	3	PSY 1010 or SOC 2010	3
MATH 1110	3	Humanities Elective	3
ET 1010	3	ET 1240	3
ET 1100	3	ET 2040	3
ET 1030	3	ET 1150	3
ET 1040	3	ET 2320	3
ET 1110	3	ET 2140/2150 or	
ET 1120	3	ET 2410/ET 2420	6
ET 1230	3	ET 2330/ENGT 2020 or	
ET 2030	3	ET 2430/ET 2440	6
<b>Total Hours</b>	<b>33</b>	<b>Total Hours</b>	<b>33</b>

**Core of Common Knowledge (18 Hours)**

ENGL 1010 English Composition .....	3
ENGL 1020 English Composition .....	3
MATH 1110 College Algebra .....	3
PSY 1010 General Psychology	
or	
SOC 2010 Introduction to Sociology .....	3
COMM 1010 Fundamentals of Public Speaking	
or	
ENGL 1100 Technical Report Writing .....	3
Humanities selected from courses on pages 382 - 383 .....	3

**Specialization I: Electronic Communications - Required: 45 Hours**

ET 1030 DC Fundamentals and Circuits .....	3
ET 1040 AC Fundamentals and Circuits .....	3
ET 1100 Applied Physics .....	3
ET 1110 Mathematics in Electronics .....	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 Electronic Circuits I .....	3
ET 2040 Digital Electronic 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

**Elective - select one course:** ..... 3  
 ET 1010 Introduction to Electronic Technology - 3 hours  
 ET 1210 Electronic Test Equipment - 3 hours  
 ENGT 1020 Computer-Aided Drafting and Design - 3 hours  
 or  
 From appropriate courses in the Colleges of Arts and Letters, Science and Mathematics, Business, 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 and computer literacy requirements.

**Specialization II: Computer Technology - Required: 45 Hours**

- ET 1030 DC Fundamentals and Circuits ..... 3
- ET 1040 AC Fundamentals and Circuits..... 3
- ET 1100 Applied Physics ..... 3
- ET 1110 Mathematics in Electronics ..... 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 Electronic Circuits I ..... 3
- ET 2040 Digital Electronic 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

**Electives - select one course:** ..... 3  
 ET 1010 Introduction to Electronic Technology - 3 hours  
 ET 1210 Electronic Test Equipment - 3 hours  
 ENGT 1020 Computer-Aided Drafting and Design - 3 hours  
 ENGT 2020 Robotics Fundamentals - 4 hours  
 Or

From appropriate courses in the Colleges of Arts and Sciences, Business, Education, Human Services and Nursing, 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 and computer literacy requirements.

**SUGGESTED PROGRAM OF STUDY**

Freshman	Cr.	Sophomore	Cr.
ENGL 1010	3	COMM 1010	3
ENGL 1020	3	PSY 1010 or SOC 2010	3
MATH 1110	3	Humanities Elective	3
ET 1030	3	ET 2030	3
ET 1040	3	ET 2040	3
ET 1100	3	ET 2320	3
ET 1110	3	ET 2410	3
ET 1120	3	ET 2420	3
ET 1150	3	ET 2430	3
ET 1230	3	ET 2440	3
ET 1240	3	ET Elective	3
<b>Total Hours</b>	<b>33</b>	<b>Total Hours</b>	<b>33</b>

APSU Center @ Fort Campbell

**COURSE DESCRIPTIONS****ET 1010 Introduction to Electronic Technology (3)**

Electrical and electronic devices, semi-conductors, testing equipment, and measurements.

**ET 1030 D.C. Fundamentals and Circuits**

*Corequisite: ET 1110; ET 1010 or permission of the instructor*

Analysis of electrical measurements of current, voltage, and resistance including Kirchhoff's Law, Ohm's Law, series, 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.

**ET 1100 Applied Physics (3)**

Sound, light, electricity, and magnetism.

**ET 1110 Mathematics in Electronics (3)**

Fundamentals of algebra and concepts, arithmetic operations, exponents and roots, scientific notation, electronic equations, graphs and their equations, linear equations, circle, ellipse solving simultaneous, second degree equations, imaginary number and determinants. Introducing basic trigonometry principles, functions, and application.

**ET 1120 Advanced Mathematics in Electronics (3)**

*Prerequisite: ET 1110*

Alternating Currents - fundamental ideas, series circuits, parallel circuits, complex algebra, Karnaugh maps, digital arithmetic.

**ET 1150 Calculus for Electronics (3)**

*Prerequisites: ET 1120, ET 1040*

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, ET 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 andopto-electronic devices.

**ET 2030 Digital Electronics Circuits I (3)**

*Corequisite: ET 1230*

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, ET 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, 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, ET 2140*

*Corequisites: ET 2150, ET 2330*

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, ET 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)***Prerequisite: ET 2030*

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 (B.S.)**

See page 224

**PROFESSIONAL STUDIES (B.P.S.)**

See page 350

**PUBLIC MANAGEMENT (B.S.)**

See page 359





# APPENDIX



AUSTIN PEAY STATE UNIVERSITY  
 High School Units That Meet Tennessee Board of Regents Admissions Requirements

APPENDIX A

Natural/Physical Sciences - 2 units required (1 unit MUST be from group A. Must be one year units)		
Courses Fulfilling Requirements At least 1 unit MUST BE from Group A		Course Not Fulfilling Requirements
Group A	Group B	
Biology I, II Biology for Technology Chemistry I, II Principles of Technology I, II Physics	Anatomy and Physiology Ecology Environmental Science (AP) <sup>2</sup> Geology Nutrition Science Physical Science Agriscience <sup>3</sup>	Earth Science Environmental Science (Non-AP) Life Science

Foreign Language - 2 units (must be in the same language)		Social Studies - 1 unit required *fulfills requirements for graduates prior to 1993	
Courses Fulfilling Requirements	Course Not Fulfilling Requirements	Course Fulfilling Requirements	Course Not Fulfilling Requirements
French German Japanese Latin Russian Spanish Other Languages	Computer Language American Sign Language	Ancient History European History Modern History World History World Geography	Anthropology* Civics* Contemp Issues* Economics* Psychology* Sociology* US Gov*

English - 4 units required		Mathematics - 3 units required	
Courses Fulfilling Requirements	Courses Not Fulfilling Requirements	Algebra - 2 units required & 1 additional unit	
English I, II, III, IV Applied Communication <sup>1</sup>	Business Communication Journalism Speech	Courses Fulfilling Requirements	Courses Not Fulfilling Requirements
<b>U.S. History - 1 unit required</b> Course Fulfilling Requirements U.S. History		Algebra I (revised) or Math for Technology II	Accounting, I, II, or III Applied Mathematics I, II
		Algebra II and Geometry (revised) <sup>4</sup> Advanced Algebra & Trigonometry (revised) <sup>4</sup> Statistics <sup>4</sup> Discrete Math with Probability <sup>4</sup> Pre-Calculus <sup>4</sup> Calculus (revised) <sup>4</sup>	Arithmetic, Business Math Computer Technology Pre-Algebra, Competency Math Foundations I, II
<sup>1</sup> Applied Communication satisfies English III or English IV. <sup>2</sup> Approved by the Dept. of Education effective Fall 1997. <sup>3</sup> Formerly named Science 1-A. <sup>4</sup> Approved by the Dept. of Education effective Fall 1999.		<b>OR</b>	
		Courses Fulfilling Requirements	Courses Not Fulfilling Requirements
Integrated Math I, II, III	Same as above	<b>Mathematics - 3 units required Integrated Math Sequence</b>	

Tennessee High School Courses Which Meet The University of Tennessee and Tennessee Board of Regents University Admissions Requirements (Continued)

APPENDIX A

UT/TBR Unit Requirements	High School Courses No Longer Offered BUT - Still Meeting Admission Requirements <sup>1</sup>
Mathematics	Math IV (1 unit) <sup>2</sup> Pre-Calculus (1/2 - 1 unit) <sup>2</sup> Probability & Statistics (1/2 credit) <sup>2</sup> Trigonometry (1/2 unit) <sup>2</sup> Unified Geometry (1 unit) <sup>2</sup>
Natural/Physical Sciences	Ecology and Conservation of Natural Resources <sup>3</sup> General Science <sup>4</sup>

<sup>1</sup> The course listed on this chart are those discontinued by the Department of Education for approved Tennessee high schools but may be used to satisfy UT/TBR admission requirements if completed prior to the date discontinued.

<sup>2</sup> A course offering through Summer 1999

<sup>3</sup> A course offering through Summer 1997

<sup>4</sup> A course offering through Summer 1993.



## Appendix B: MEANS FOR REMOVING HIGH SCHOOL UNIT DEFICIENCIES

**IMPORTANT:** A unit deficiency is removed through a three or four semester hour course. In some cases, a deficiency may be removed by using combinations of courses carrying less than three semester hours of credit.\*\* Level of proficiency for removing the unit deficiency will be a grade of "A", "B", or "C." Compensating courses (with the exception of DSP courses which do not count toward college credits) are only applicable as elective credit and do not count toward the Liberal Arts core, major or minor requirements.

## APPENDIX B

HIGH SCHOOL	COURSE(S) TO REMOVE DEFICIENCY	CREDIT	HIGH SCHOOL	COURSE(S) TO REMOVE DEFICIENCY	CREDIT
ALGEBRA I	DSPM 0800***	3	NATURAL/ PHYSICAL SCIENCE	BIOL 1010/1020	4
ALGEBRA 2	DSPM 0850***	3		CHEM 1000	4
ADVANCED MATH/ GEOMETRY	MATH 0990***	3		CHEM 1010/1020	4
				GEOL 1040/1050	4
ENGLISH 4	DSPW 0800***	3	SOCIAL STUDIES	PHYS 1010/1020	4
US HISTORY	HIST 2010* HIST 2020*	3		ECON 2000	3
		3		ECON 2010	3
VISUAL/PER- FORMING ART	ART 1030 MUS 1030 THEA 1030	3		FIN 1000	3
		3		GEOG 1010	3
		3		GEOG 1020	3
FOREIGN LANGUAGE I	FREN 1010 GERM 1010 SPAN 1010** LATN 1010 JAPN 1010 GREK 1010	4		GEOG 1030	3
		4		HIST 1210	3
		4		HIST 1220	3
		4		PSCI 2010	3
		4		PSCI 2040	3
		4		PSCI 2070	3
FOREIGN LANGUAGE II	FREN 1020 GERM 1020 SPAN 1020** LATN 1020 JAPN 1020 GREK 1020	4		PSY 1010	3
		4	SOC 2010	3	
		4	SOC 2050	3	
		4			
		4			
		4			

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.

\* Students electing one of these courses in American History must register for History 2030 (History of Tennessee) in order to complete the Liberal Arts core requirements.

\*\* Spanish 101A and 101B are equivalent to Spanish 1010 and are offered during short terms at Austin Peay Center @ Fort Campbell. Similarly, 102A and 102B are equivalent to Spanish 1020.

\*\*\* Courses numbered 0xxx do not count towards college level credit.

## 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 2:03:00:00 and TBR Guideline No. A-015.

### GENERAL PROVISIONS

1. **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.

2. **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 is 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.
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 enrollment 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 admissions purpose.
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 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 station 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, provided, however, that there is no teacher college or normal school within the non-resident's own state, of equal distance to said non-resident's bona fide place of residence.
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 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. Students who are awarded tuition waiver scholarships for participation in bona fide campus performance-based programs, according to established guidelines, may not be required to pay out-of-state tuition. This waiver is dependent on availability of funds.
  9. Active-duty military personnel who begin a degree program while stationed in Tennessee or Ft. Campbell, Kentucky and are deployed or transferred prior to completion of their degree program may continue to enroll in the Tennessee Institution and be classified as out-of-state residents, but shall be permitted to participate in Commission programs as if they were classified in-state residents. This classification remains in effect 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.
10. 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.
- 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, 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. **Appeal**  
If a student wishes to appeal an initial Office of Admissions residency decision, the student must complete a residency application, with supporting documents and submit to the Director of Admissions. An appeal of the final Office of Admissions residency decision must be made to the Admissions Credits and Residency Committee. The student must contact the Office Of the Registrar to schedule this appeal. The Admissions Credits and Residency Committee reviews the documentation and makes a recommendation to the Vice President for Academic Affairs.
  - 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 to the Office of the Registrar on or before the last day of registration of that semester

# ADMINISTRATION & FACULTY



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- JIANG LI** (2003) ..... *Instructor of Computer Science and Information Technology*  
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- LEONARD LINDSAY** (1994)..... *Associate Professor of Nursing*  
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- LARRY LOWRANCE** (1995) ..... *Professor of Education*  
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- DONALD D. LUCK** (1992) ..... *Professor of Education*  
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- KATHY L. MARTIN** (2001) ..... *Director, School of Nursing and Professor of Nursing*  
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- FRANCIS MASSINON** (1992) ..... *Professor of Music*  
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- FRED J. MATTHEWS, JR.** (1983) ..... *Professor of Chemistry*  
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- JOHN MATTHEWS, JR.** (1971) ..... *Professor of Agriculture*  
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- MARCY RUTH MAURER** (1994) ..... *Associate Professor of Health  
and Human Performance*  
B.S., The Ohio State University; M.A., Miami University; D.A., Middle Tennessee State  
University
- MARY MAYO** (1999)..... *Director of Medical Technology Program  
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- MAUREEN A. MCCARTHY** (1994) ..... *Associate Professor of Psychology*  
B.S., Southwest Missouri State University; M.S., Ph.D., Oklahoma State University
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B.S., M.S., Baylor University; Ph.D., Oregon State University
- HENRY LEON MCQUEEN** (1972) ..... *Chair of Mathematics*  
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B.A., Harding College; M.A., M.S., Louisiana State University; Ph.D., University of  
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B.A., University of North Carolina-Asheville; M.S., Ph.D., Clemson University
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- JUDITH MESA-PELLY** (2003) ..... *Assistant Professor of Languages and Literature*  
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Ph.D., University of Miami
- MARK A. MICHAEL** (1995) ..... *Associate Professor of Philosophy*  
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- JOHN WILLIAM MOSELEY** (1996) ..... *Assistant Professor of Mass Communication*  
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- CARROLL BRUCE MYERS** (1970) ..... *Chair of Computer Science & Information*  
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B.A., Berea College; M.A., Ph.D., University of Kentucky
- JUNIOR T. NELSON** (2001) ..... *Assistant Professor of Military Science*  
B.S., Troy State 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
- SALLIE M. NOEL** (1989) ..... *Associate Professor of Biology*  
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- PATRICK H. O'HARA III** (2000) ..... *Professor of Military Science*  
B.S., University of Central Florida, Orlando, M.S., Embry Riddle Aeronautical University
- THOMAS A. PALLLEN** (1981) ..... *Professor of Theatre*  
B.A., M.A., University of Missouri; Ph.D., Southern Illinois 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
- M. SHARON PARKER**, (2003) ..... *Assistant Professor of Chemistry*  
B.S., Austin Peay State University; MSc., Ph.D., Vanderbilt University
- PATRICK R. PERDEW** (1993) ..... *Associate Professor of Mathematics*  
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B.S., M.S., Murray State University
- GEORGE E. PESELY** (1990) ..... *Associate Professor of History*  
A.B., San Diego State University; M.A., University of Illinois at Urbana-Champaign;  
Ph.D., University of California-Berkeley
- MICHAEL D. PHILLIPS** (1990) ..... *Professor of Finance*  
A.A., Fresno City College; B.S., M.B.A., California State University at Fresno;  
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- ALLENE S. PHY-OLSEN** (1990) ..... *Director of Honors Program and Professor of English*  
A.A., Stephens College; B.A., University of Kentucky; M.A., Ed.S., and Ph.D.,  
Vanderbilt University
- JERRY D. PLUMMER** (2000).....*Assistant Professor of Economics*  
B.B.A, M.B.A., Tennessee State University; D.A. Middle Tennessee State University
- YVONNE PRATHER** (1989).....*Assistant 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) ..... *Director of Student Support Services*  
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B.S., M.S.Ed., State University of New York-Oneonta
- NORBERT PUSZKAR** (2003) ..... *Assistant Professor of Languages and Literature*  
Magister Artium, Freie Universitat Berlin; Ph.D., University of Southern California
- SHIRLEY A. RAINEY** (2000) ..... *Assistant Professor of Sociology*  
B.A., University of South Alabama; M.A., M.A.E., Western Kentucky University
- ALBERT B. RANDALL, JR.** (1972)..... *Professor of Philosophy*  
B.S., Maryville College; M.Div., Louisville Presbyterian Seminary; M.A., Ph.D.,  
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B.S., David Lipscomb College; M.S., Ph.D., Vanderbilt University
- WILLIAM RAYBURN** (1993) ..... *Associate Professor of Management*  
*Information Systems*  
B.E., M.B.A., Vanderbilt University; D.B.A., Southern Illinois University
- CARMEN REAGAN** (1988).....*Director of Leadership Studies*  
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- ROBIN B. REED** (2001)..... *Chair and Assistant Professor of Chemistry*  
B.S. Rhodes College; Ph.D. Vanderbilt University
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- HASSAN SAID** (2003) ..... *Associate Professor of Accounting*  
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- ROBERT A. SIRK** (1995) ..... *Associate Professor of Geography*  
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- KAREN D. SORENSON** (1987) ..... *Associate Professor of French*  
B.A., Beloit College; M.A., Ph.D., Vanderbilt University

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Regents College; MA, California State University of Dominguez Hills
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B.S., University of California - Santa Barbara; M.S., Florida State University;  
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- DAVID EUGENE STEINQUEST** (1985) ..... *Professor of Music*  
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- 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
- CATHERINE M. SUTTLE** (2001) ..... *Assistant Professor of Nursing*  
S.N., University of South Florida; M.S.N.-F.N.P., Belmont University
- MICHAEL SWORDS** (2002) ..... *Training NCO Military Science*  
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- CINDY L. TAYLOR** (1992) ..... *Associate Professor of Biology*  
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- VERNON C. WARREN, JR.** (1967) ..... *Professor of Political Science*  
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B.S.N., M.S.N., The University of Evansville
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- ANDREW T. WILSON** (1998) ..... *Assistant Professor of Mathematics*  
B.S., Murray State University; M.S., University of Tulsa
- PATTI L. WILSON** (2000) ..... *Associate Professor of Psychology*  
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- JEFFREY NEAL WOOD** (1984) ..... *Professor of Music*  
B.Mus., Oberlin College Conservatory of Music; M.A., M.Mus., Ph.D.,  
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- CHARLES B. WOODS** (1992) ..... *Professor of Psychology*  
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- NANCI S. WOODS** (1992) ..... *Professor of Psychology*  
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- PEI XIONG-SKIBA** (1993) ..... *Associate Professor of Physics*  
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

- FAYE G. ZEIGLER** (1996) ..... *Associate Professor of Nursing*  
B.S.N., Western Kentucky University; M.S.N., University of Evansville
- WEIWU ZHANG** (2000) ..... *Assistant Professor of Mass Communication*  
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- GREGORY R. ZIEREN** (1991) ..... *Associate Professor of History*  
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ADMINISTRATION & FACULTY

## 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)

**Johnnie Givens Barnes, A.M.**, Professor and Head Librarian (1946-1976)

**Thayer W. Beach, Ph.D.**, Professor of English (1968-1991)

**Eleanor Beiswenger, Ph.D.**, Professor of English (1977-1994)

**Hugo Beiswenger, Ph.D.**, Associate Professor of Psychology (1974-1981)

**Garland E. Blair, Ed.D.**, Professor of Psychology (1968-2000); Chair, Department of Psychology (1970-1980), (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)

**Floyd L. Brown, M.S.**, Associate Professor of Biology (1957-1992)

**Olen L. Bryant, M.F.A.**, Professor of Art (1964-1991)

**J F Burney, Ph.D., CPA**, Professor of Accounting (1959-1994); Chair, Department of Accounting (1968-1969); Dean, College of Business (1969-1984)

**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)

**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)

**Bryan Crutcher, Ed.D.**, Professor of Education (1960-1990)

**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)

**Reece Elliott, Ph.D.**, Professor of Speech (1971-2000); Chair, Department of Speech, Communication and Theatre (1985-1989)

**William H. Ellis, Ph.D.**, Professor of Biology (1956-1999); Dean Emeritus (1994-1999); Director of Graduate Studies and Associate Dean of Faculty (1966-1968); Vice President for Academic Affairs (1968-1972); Director of Institutional Research (1972-1977); Dean, College of Graduate and Professional Programs (1977-1994)

**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)

**Richard E. Gannaway, M.S.**, Associate Professor of Industrial Technology (1950-1985)

**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)
- Malcolm Sanford Glass, M.A.**, Professor of English (1962-1999)
- Arthur A. Goldsmith, M. L.**, Associate Professor and Librarian (1970-1985)
- Willis H. Hackman, Ph.D.**, Professor of Music (1959-1991)
- Thomas R. Hamel, Ed.D.**, Professor of Mathematics (1971-2002)
- Durward S. Harris, Ph.D.**, Professor of Chemistry (1962-1998); Chair, Department of Chemistry (1980-1985)
- James D. Hamilton, M.S.**, Professor of Agriculture and Chair, Department of Agriculture (1945-1980)
- Philancy E. Holder, Ph.D.**, Professor of Art (1971-1992)
- Preston J. Hubbard, Ph.D.**, Professor of History (1955-1988); Chair, Department of History and Philosophy (1979-1987)
- Joyce C. Kilpatrick, DBA, CPA, CMA, CIA, CFE**, Professor of Accounting (1985-2000)
- Max Hochstetler, M.F.A.**, Professor of Art (1967-1999); Chair, Department of Art (1989-1993)
- 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 1995-97).
- Charles C. Holt, Ph.D.**, Professor of English (1967-1991).
- Lucy C. Howard, M.A.**, Associate Professor and Head Librarian (1936-1957)
- Paul Hsu, Ph.D.**, Professor of Sociology
- 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)
- John Knight, Ph.D.**, Associate Professor of Finance (1978-1987)
- Donald B. Lambert, Ed.D.**, Professor of Education (1968-1993); Acting Chair (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)
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- John D. Martin, Ed.D.**, Professor of Psychology (1966-1991)
- 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-December 1976)
- Harry L. McLeod, Ph.D.**, Professor of Chemistry and Chair of the Department (1959-1982)
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- Jim Thomas McMinn, DBA**, Professor of Economics (1977-1998)
- 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)
- Christopher E. Nussbaumer, Ph.D.**, Professor of Management (1964-1998)
- Leslie M. Ogilvie, M.S.**, Assistant Professor of Physics (1962-1978)
- George Rawlins, III, Ed.D.**, Professor of Education (1970-1998)
- 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

**ADMINISTRATION & FACULTY**

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**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)

**Elizabeth H. Stokes, Ed.D.**, Professor of Psychology (1960-1987)

**William G. Stokes, Ph.D.**, Professor of Mathematics and Chair of the Department (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)

**Ethel Christine Stoop, Ed.D.**, Professor of Business Education (1952-1977)

**Lewis C. Tatham, Jr., Ph.D.**, Professor of English (1966-1995); Chair, Department of Languages and Literature (1985-1995)

**Tillman Taylor, M.A.**, Associate Professor of History (1956-1976)

**Joseph V. Thomas, Ph.D.**, Professor of Languages and Chair of the Department (1952-1979)

**John Everett Turner, M.A.**, Assistant Professor of English (1967-2000)

**Charles M. Waters, M.A.**, Professor of English (1948-1985)

**Byron J. Webb, M.A.**, Associate Professor of Geography (1967-1995)

**Robert Kenton Wibking, Ph.D.**, Professor of Geography (1962-1988)

**Thomas Howard Winn, Ed.D.**, Professor of History (1972-2003)

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## ADMINISTRATION

**Lou M. Beasley (1999)**, Interim Dean, College of Graduate Studies and Professor of Social Work, B.S., Tennessee State University, M.S.S.W., The University of Tennessee, Ph.D., University of Denver.

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**Robert Bird (1988)**, Executive Director of Human Resources, B.A., University of Tennessee at Chattanooga; M.S., University of Southern California.

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- Dennie A. Burke (1986)**, Executive Director of Marketing and Public Relations, B.A., University of Kentucky.
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- Jennifer Capehart-Meningall (1998)**, Vice President for Student Affairs, B.A., Adelphi University; M.S., Long Island University; M.Ed., Ed.D., Columbia University.
- Carol Clark (2001)**, Director, Tennessee Small Business Development Center, B.B.A., Austin Peay State University.
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- Houston Davis (2001)**, Assistant Vice President for Academic Affairs, B.A., University of Memphis; M.Ed., Tennessee State University; Ph.D., Vanderbilt University.
- David W. Denton (2002)**, Interim Dean, College of Professional Programs and Social Sciences, B.A., M.S., University of Tennessee-Chattanooga; Ph.D., University of Tennessee-Knoxville.
- James T. Diehr (1982)**, Interim Dean, College of Arts and Letters and Professor of Art, B.F.A., M.S., Ed.S., Pittsburg State University, Ph.D., University of Missouri.
- Deborah Fetch (1993)**, Director, Library Services and Professor of Library Administration, A.B., M.S., University of Illinois.
- I. Joe Filippo (1968)**, Assistant Vice President for Academic Affairs, B.A., Oklahoma City University; M.A., Stephen F. Austin State College; Ph.D., University of Florida.
- James Roy Gregory (1991)**, Executive Director of University Advancement, B.S., University of Tennessee-Chattanooga.
- Stanley L. Groppe (1998)**, Dean, Extended & Distance Education, A.S., Lewis and Clark Community College; B.S., M.S., Ph.D., Southern Illinois University.
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- Deborah Johnson (1985)**, Manager, Book and Supply Store, B.B.A., Austin Peay State University.
- John Johnson (1994)**, Director, Educational Opportunity Center, B.B.A., M.A.Ed., Austin Peay State University.
- Andy Kean (1989)**, Director of University Center and Services, B.S., University of Tennessee - Martin; M.Ed., Southern Arkansas University.
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- Marsha Lyle-Gonga (2002)**, Director of High School Upward Bound Program, B.A., Our Lady of the Lake University, M.S., Trinity University.
- Scott McDonald (2003)**, Director of Admissions, B.S., M.Ed., University of Arkansas
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- Rena Miller (2002)**, Director of Child Learning Center, B.S., Troy State University; M. Ed. Tarleton State University.
- F. Joe Mills (1991)**, Director of Housing and Residence Life and Dining Services, B.S., M.S., Eastern Illinois University.
- Thomas Moseley (1999)**, Coordinator of Distance Education, B.S., Austin Peay

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**Arthur Neal (1989)**, Director, Veterans Upward Bound., B.S., M.A.Ed.S., Tennessee State University; Ph.D., George Peabody College of Vanderbilt University.

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**Jacqueline E. Wade (1996)**, Director of Wilbur N. Daniel African American Cultural Center, B.A., Fisk University, M.S.W., Ph.D., University of Pennsylvania.

**Charles Wall (1972)**, Director of Information Technology, B.S., Austin Peay State University.

**Phyllis Whittaker (1970)**, Director of Accounting Services, B.B.A., M.B.A., Austin Peay State University.

**Blanche Wilson (1989)**, Director of Student Life & Leadership, B.S., The University of Memphis; M.A.Ed., Austin Peay State University.



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Harvill Hall	
Health Services	EL, 104
Health & Human Performance	DU, 269
Heritage Program	HH, 214
High School Upward Bound	DU, 259
History & Philosophy	HR, 340
Honors Program	HH, 142
Housing/Residence Life	ML, 119
Human Resources	BR, 102
Killebrew Hall	
Information Technology	BR, 12A
Information Technology—Computer Maintenance	BR, 21
Information Technology—Help Desk	CL121
Institute For Learning In Retirement*	PS, 106
Institutional Research & Effectiveness	EL, 214
Internal Audit	BR, 133
International Education	HH, 143
Intramurals	MH, 111
Languages & Literature	HH, 115
Learning Center	UC, 118
Learning Resource Center	CX, 104
Library	LB
Maintenance & Repair	SH, 101
Management & Marketing	KB, 225 & 228
Management Technology*	FCC
Mathematics & Computer Science	CX, 304
Meacham Apts.	
Media Services	LB, 124
Military Science & Leadership	ARM, 107
Miller Hall	
Music	MMC, 139
Music-Ticket Office	MMC Lobby
Non Credit Programs*	PS
Nursing, School Of	MCR, 122
Pace Alumni Center	FH
Philosophy & History	HR, 340
Physical Plant	SH, 101
Physics & Astronomy	SSC, B332
Police Science & Administration*	FCC
Political Science	CL, 143
Post Office	UC, lower level
Power Plant	
President's Office	BR, 125
Printing & Duplicating	LB, 124
Professional Education Experiences	CX, 233
Psychology	CL, 205

Public Management*	FCC
Public Relations & Marketing	BR, 206
Public Safety	SH, 133
Public Safety-Emergency	SH, 133
Purchasing	SH, 120
Rawlins Hall	
Registrar (Office Of)	EL, 120
Restaurant Management*	FCC
Roads & Grounds	SH, 101
ROTC	ARM, 107
School Of Education	CX, 210
School Of Education-Certification Analyst 1	CX, 106B
School Of Education-Certification Analyst 2	CX, 106C
School Of Nursing	MCR, 122
School Of Technology & Public Management*	FCC, 6727
Secretarial Office Procedures*	FCC
Sevier Hall	
Shipping & Receiving	SH, 167
Small Business Center (located at the Chamber of Commerce, 312 Madison St.)	
Snack Bar	UC
Social Work	MX, 104
Sociology	CL, 143
Sports Information	DU, 132
Student Affairs	BR, 115
Student Development Center	UC, 114
Student Financial Aid	EL, 232
Student Government Association	UC, 208
Student Health Services	EL, 104
Student Life	UC, 211
Student Support Services	EL, 320
Tecta	CX, 106D
Telephone Services	BR, 133
Tennis	TR, 224
Theatre Box Office	TR, 224
Tn Small Business Center*	PS
Track & Cross Country	DU, 256
Tri-County Upward Bound	228 Castle Hghts.
University Advancement	BR, 216
University Center	UC
University Programs	UC, 211
Upward Bound (High School)	DU, 259
Veterans Affairs	EL, 232
Veterans Upward Bound	219 Castle Hghts.
Volleyball-Women's	DU, 130
W.E.L.L Project	SSC, C125
WAPX-FM	MMC
Water Education For Tennessee Teachers	SSC, C125
Wesley Foundation	510 College St.
Women's Studies	HR, 139
Zone 3	HH, 304

\* Off-campus location not shown on map.

1 The Book and Supply Store will move to Harvill Cafeteria during summer of 2003.

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](http://www.apsu.edu).

### Building names and abbreviations

ARM	Armory	MC	McCord
BR	Browning	MCR	McReynolds
CH	Castle Heights	MH	Memorial Health (The Red Barn)
CL	Clement		
CX	Claxton	MMC	Music/Mass Communication
DU	Dunn Center		
EL	Ellington	PS	The Center for Extended & Distance Education, 106 Public Square*
EH	Emerald Hill (Pace Alumni Center at Emerald Hill)	SSC	Sundquist Science Complex
EH	Emerald Hill Apartments		
FCC	APSU Center at Ft. Campbell*	SH	Shasteen
HH	Harned Hall	SX	Sexton (Child Learning Center)
KB	Kimbrough	TC	Tennis Center
LB	Library (Woodward Library)	TR	Trahern
ML	Miller Hall	WH	White House
MX	Marks		*Off-campus location not shown on map.