



Austin Peay
State University

Undergraduate Bulletin
2004-2005

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Telephone and Web Directory

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

Area code is (931) unless otherwise designated:

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

University Home Page: www.apsu.edu

UNIVERSITY CALENDAR

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

2004 FALL SEMESTER - MAIN CAMPUS

June 7, 8, 17, 18.....	New Student Registration and Orientation for Freshman and New Transfer Students by reservation only
July 8, 9, 22, 23	New Student Registration and Orientation for Freshman and New Transfer Students by reservation only
July 30	Last day to accept applications from new or readmitted students
Aug 24	Last day for pre-registered students to pay fees
Aug 27	Residence Halls Open
Aug 29	Last day to claim Residence Hall Assignment; Last day to receive 100% refund
Aug 30	Classes Begin
Aug 30-Sept 3	Late Registration; Drop/Add
Sept 3	Last Day to Add a Class
Sept 6	Labor Day Holiday
Sept 12	14th Day; Last Day to Drop Without Record; Last day to receive a 75% refund
Oct 4.....	Last Day to receive a 25% refund
Oct 11	Last Day to Drop with an Automatic "W"
Oct 15.....	Mid-Term
Oct 18-19	Fall Break
Nov 8-19	Priority Advising and Pre-Registration for Spring 2005 Semester for currently enrolled students
Nov 12.....	Last day to drop a course before the mandatory "F" period
Nov 25-28	Thanksgiving Holiday
Dec 8	Last day of classes
Dec 9.....	Study Day
Dec 10, 13-16	Final Examinations
Dec 17	Commencement - 3:00 p.m.

2004 FALL I @ FORT CAMPBELL

July 11	Last day to accept applications from new or readmitted students
July 12-16.....	Registration Week
July 18.....	Last day to receive 100% refund
July 19	Classes Begin
July 19-23.....	Late Registration
July 23	Last day to add a course
Aug 1.....	14th Day; Last Day to Drop Without Record; Last Day to receive 75% refund
Aug 6	Last Day to Drop with an automatic "W"
Aug 20	Last Day to Drop before the mandatory grade "F" period
Sept 6	Labor Day Holiday
Sept 13	Last day of Classes

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

2004 FALL II @ FORT CAMPBELL

Oct 1	Last day to accept applications from new or readmitted students
Oct 4-8	Registration Week
Oct 11	Last day to receive 100% refund
Oct 12	Classes Begin
Oct 12-15	Late Registration
Oct 15	Last day to add a course
Oct 25	14th Day; Last Day to Drop Without Record; Last Day to receive 75% refund
Oct 29	Last Day to Drop with an automatic grade of "W"
Nov 12	Last Day to Drop before the mandatory grade "F" period
Dec 11	Last Day of Classes

2005 SPRING SEMESTER - MAIN CAMPUS

Dec 17.....	Last day to accept applications from new or readmitted students
Jan 14	Residence Halls Open
Jan 16	Last day to claim residence hall assignments
Jan 17	Last day to receive 100% refund
Jan 17	Martin Luther King, Jr. Holiday
Jan 18	Classes begin
Jan 18-21	Drop/Add; Late Registration
Jan 21	Last Day to Add a Class
Jan 31	14th Day; Last Day to Drop Without Record; Last day to receive 75% refund
Feb 21.....	Last day to receive a 25% refund
Mar 1	Last Day to Drop with an automatic grade of "W"
Mar 4	Mid-Term
Mar 7-13	Spring Break
Mar 25.....	Good Friday - No Classes
Apr 4-15	Priority Advising and Pre-Registration for Summer and Fall 2005 semesters for currently enrolled students
Apr 8	Last day to drop before mandatory grade of "F" period
Apr 27	Last day of classes
Apr 28	Study Day
Apr 29, May 2-5	Final Examinations
May 6	Commencement, 2:00 p.m.

2005 SPRING I @ FORT CAMPBELL

Jan 3	Last day to accept applications from new or readmitted students
Jan 3-7.....	Registration Week
Jan 9	Last day to receive a 100% refund
Jan 10	Classes Begin
Jan 10-14.....	Drop/Add; Late Registration
Jan 14	Last day to add a course
Jan 23.....	14th Day; Last Day to Drop Without Record; Last Day to receive 75% refund
Feb 11	Last Day to Drop With an Automatic "W"
Feb 18	Last Day to Drop before the mandatory grade "F" period
Mar 9	Last Day of Classes

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

2005 SPRING II @ FORT CAMPBELL

Apr 1	Last day to accept applications from new or readmitted students
Apr 4-8	Registration Week
Apr 10	Last day to receive 100% refund
Apr 11	Classes Begin
Apr 11-15	Late Registration
Apr 15	Last day to add a course
Apr 24	14th Day; Last Day to Drop Without Record; Last Day to receive 75% refund
May 6	Last Day to Drop with an Automatic "W"
May 12	Last Day to Drop before the mandatory grade "F" period
June 6	Last Day of Classes

2005 MAY SESSION

Apr 29	Last day to accept applications from new or readmitted students
May 15	Last day to receive 100% refund
May 16	Classes Begin; Drop/Add; Last Day to Add a Class
May 18	Last Day to Drop Without Record
May 20	Last Day to Drop with an Automatic "W"
May 30	Memorial Day - University Closed
June 3	Last Day of Classes/Final Exams

2005 SUMMER SESSION I - MAIN CAMPUS

May 20	Last day to accept applications from new or readmitted students
May 28	Residence Halls Open
June 3	Registration
June 5	Last day to receive a 100% refund
June 6	Classes Begin
June 6-7	Drop/Add
June 7	Late Registration; Last Day to Add a Class
June 12	14th Day; Last Day to Drop Without Record; Last day to receive 75% refund
June 16	Last Day to Drop with an Automatic "W"
June 23	Last Day to Drop before the mandatory grade "F" period
July 4	Independence Day - University Closed
July 8	Last Day of Classes/Final Exams

2005 SUMMER SESSION II - MAIN CAMPUS

July 1	Last day to accept applications from new or readmitted students
July 10	Last day to receive a 100% refund
July 11	Registration; Classes Begin
July 12	Drop/Add; Late Registration; Last Day to Add a Class
July 17	14th Day; Last Day to Drop Without Record; Last day to receive 75% refund
July 22	Last Day to Drop with an Automatic "W"
June 29	Last Day to Drop before the mandatory grade "F" period
Aug 11	Last Day of Classes/Final Exams

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

2005 FULL SUMMER - MAIN CAMPUS

May 20	Last day to accept applications from new or readmitted students; Residence Halls Open
June 3	Registration
June 5	Last day to receive a 100% refund
June 6	Classes Begin
June 6-7	Drop/Add
June 7	Late Registration; Last Day to Add a Class
June 19	14th Day; Last Day to Drop Without Record; Last day to receive 75% refund
July 4	Independence Day - University Closed
July 21	Last Day to Drop with an Automatic "W"
June 28	Last Day to Drop before the mandatory grade "F" period
Aug. 11	Last Day of Classes/Final 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. 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 tech-

nology, 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 con-

ferred 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 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)	.....Sept-Dec 1962
Joe Morgan	.....1963-1976
Robert O. Riggs	.....1976-1987
Oscar C. Page	.....1988-1994
Richard G. Rhoda (Interim)	.....July-Oct 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. Inquiries to the Commission on College should be limited to accreditation status and not general admission. 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 principles 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 regions' 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 visual 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 & Myrtis Borne. The chair holder teaches, presents seminar, 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

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 339,000, including books, special collections, periodicals, and federal government documents. The collection also includes 6,400 full-text electronic periodicals, 32,000 e-books, 6,900 audio-visuals, and 649,000 microforms. 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://www.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. The Library also has wireless Internet access and 7 wireless laptop computers for student use.

Professionally-trained librarians provide reference service, both in person and online, teach Bibliographic Instruction class 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 life-long 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. For more information on any of the Art Galleries, contact the Art Department at (931) 221-7333.

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: 9:00am-4:00pm, Monday through Friday; 10:00am-2:00pm, Saturday; and 1:00-4:00pm, Sunday (closed on holidays).

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.

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 APSU permanent art collection. Gallery hours: 8:00am-4:00pm, Monday through Friday.

UNIVERSITY HOUSING

Web Address: 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. Single students are housed in residence halls, generally two to a room, or Meacham Apartments and Hand Village, four to an apartment, under the supervision of 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 19+ 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 and Dining Services, 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. 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 Licensing Agreement for refund policies and deadlines.

STUDENT SERVICES

Web Address: www.apsu.edu/student_affairs/; www.apsu.edu/records/

AP WEB

Students may apply, register, pay fees, obtain grades, order student transcripts, and obtain information on admissions, financial aid, veteran services, housing, and testing by accessing AP WEB at <https://www.apweb.apsu.edu/>.

CAREER SERVICES

Career Services is located on the main floor of the Morgan University Center, Room 208. The office provides career counseling, 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 are licensed professionals. Students may call (931) 221-6162 for an appointment.

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 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 a visit copay.

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.

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 freshmen and transfer students need to participate to facilitate an easy transition to collegiate life.

Upon admission to Austin Peay, new freshmen 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 information, please refer to the Transitions website: www.apsu.edu/orientation/.

PUBLIC SAFETY - CAMPUS POLICE

The APSU Campus Police station is open and staffed 24 hours a day, and is located in the Shasteen Building. Officers patrol the campus by automobile, 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. 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.

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.

TUTORING

Tutoring services are available through various departments at the University. For additional information, contact the Academic Support Office in Room 112 of the Morgan University Center (931) 221-6541, 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: Student Affairs, University Center Operations, Student Life and Leadership, Student Development, Career Resource Center, the Academic Support Office, Student Publications, Campus Post Office, and the Student Government Association.

Besides the offices listed, the Morgan University Center includes an extended hours 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.



STUDENT LIFE

Web Address: 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 Learning Center, Career Resource Center, Counseling and Testing, Disability Services, Housing, Residence Life and Dining Services, University Recreation, Student Life and Leadership, Student Development, 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 Social 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.

Social 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 Social 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, cross country, and women's teams in volley ball, basketball, tennis, cross country, rifle, softball, golf, indoor and outdoor track, and soccer.

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 goals of these efforts are to enrich campus programs and 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 (931) 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. 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 stu-

dent 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.

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, individual fitness programming/activities, and equipment checkout. 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 assumes 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.

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.

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.

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: Distinguished Senior Award by the Nursing Alumni Association, four awards by the faculty for Academic Excellence, Outstanding Senior Nursing Student, Nu Phi Student Achievement, and RN-BSN Leadership.

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 and 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, and 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 University policies for Student Organizations, or poses a substantial threat to persons or property within the University Community.

When students are unable to pursue their academic work effectively, when their behavior is disruptive to the normal educational process of the University, or is detrimental to themselves or others, due to drug and/or psychological disturbance, they may voluntarily withdraw, or be temporarily suspended from the University.

The University Academic and Non-Academic Grievance Policies are designed to afford students a due process opportunity for expressing their complaints. These policies are published in the STUDENT HANDBOOK.

UNIVERSITY RIGHTS

The University shall have such rights and responsibilities as are necessary and desirable for the University to achieve its purposes. The Tennessee Board of Regents specifically confirms the following rights of the University:

1. To establish regulations concerning the use and abuse of University property and to assess students with claims of damage for such abuse;
2. To withhold grades and transcripts of credit until all claims have been paid;
3. To dismiss, in the absence of specific regulations, any student, at any time, for cause deemed by the University to be in the best interest of the student's emotional or physical safety or the well-being of the University community;

4. To establish standards of dress, 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 list is not intended to be all-inclusive and in no way limits the rights, responsibilities, and authority which the University now has. It is simply a reiteration of some of the rights, responsibilities, and authority which have been and are now vested in it.

CONFIDENTIALITY OF STUDENT RECORDS

It is the policy of the Tennessee Board of Regents and Austin Peay State University to comply with the Family Educational Rights and Privacy Act (FERPA) also known as the "Buckley Amendment" and, in so doing, to protect the confidentiality of personally identifiable educational records of students and former students. The student has the right to access, 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 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 Morgan University Center, Room 206 and the AP Center @ Fort Campbell Information Window. The student will be given this opportunity at the beginning of each academic term. The student has the right to file a complaint with the U.S. Department of Education concerning alleged failures by the University to comply with the requirements of FERPA. The name and address of the office that administers FERPA is: Family Policy Compliance Office, U.S. Department of Education, 400 Maryland Ave., SW, Washington, DC, 20202-4605.

Annually, students are informed of their rights through the STUDENT HANDBOOK. A complete copy of the policy shall be made available upon request at the Office of 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 35.6 percent. For information on the law and University policy and statistics, contact the Office of Institutional Research and Effectiveness, 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 Office of the Dean for Student Development.

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 RequirementsAdmissions Office

Course Offerings . .Department Offering Courses

Degree RequirementsOffice of the Registrar

Fees and TuitionBusiness 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 instruction, of course, cannot warrant that any student who completes a course or program of study will necessarily acquire skills or knowledge, or will be able to successfully pass any specific examination for course, degree, or license. The University provides opportunities for learning and encourages learning; it is only the student who can do the learning.

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. 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 application for admission, should be addressed to Austin Peay State University, Office of Admission, P. O. Box 4548, Clarksville, TN 37044, or requests may be made online at <http://www.apweb.apsu.edu>. This includes those students seeking admission to the Austin Peay Center @ Fort Campbell.

<u>Branches</u>	<u>Documents Needed</u>
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 or Reserves	Enlistment contract 4-1 or 4-2 or DD Form 2586
Veterans (Retired or Discharged)	DD Form 214 Member Copy 4 or other forms with characterization of service
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, 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. All military credit transcripts must be sent directly from the issuing agency, except for DD Form 214. Faxed copies are not acceptable. The requirements for full admission must be completed prior to enrollment for the second semester/term.
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. The State of Tennessee mandates that each public or private postsecondary institution provide information concerning hepatitis B infection to all students entering the institution for the first time. Those students who will be living in on-campus housing for the first time must also be informed about the risk of meningococcal meningitis infection. Tennessee law requires that such students complete and sign a waiver form provided by the institution that includes detailed information about the diseases. The information concerning these diseases is from the Centers for Disease Control and the American College

Health Association. The law does not require that students receive the vaccination; however, the law does require students to provide a signed copy of the waiver form to APSU, Boyd Health Services, P. O. Box 4655, Clarksville, TN 37044 or faxed to (931) 221-7388.

8. 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.
9. 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.
10. All Permanent Resident Aliens must submit front and back copies of their Permanent Resident Alien Card.

ADMISSION 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 average 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.*

****For specific information, please refer to page 28.***

2. Applicants under 21 years of age who graduated from high school and who are missing one or two units may be admitted by exception if they have achieved either a minimum ACT composite score of 21 or 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 must be removed within the first 30 semester hours after initial enrollment.
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 admitted by the Committee on Standards will be required to participate in an academic strengthening program(s) prior to enrollment and must maintain a minimum 1.50 GPA during their first semester. Students who fail to meet this requirement will be suspended for one full semester (excluding Summer semester).
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)

<u>Subject Area</u>	<u>Required Units</u>
English	4
Visual and/or Performing Arts ¹	1
Mathematics (Must choose 2 units from either Algebra and 1 unit from Advanced Math Sequence or 3 units from Integrated Math Sequence)	3
Natural/Physical Science (Must choose one unit from Group A)	2
Social Studies ²	1
United States History	1
Foreign Language (Must choose two units in same language)	2

¹ Required for those who graduated in 1993 or after.

² 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 0xx courses) at APSU with a grade of "C" or better). See Appendix B, page 357 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 which outlines specific courses and semesters to fulfill the deficiencies. Any deviation from the Plan 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 or guidance counselor 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. The 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. The 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 45) 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 semester of suspension. 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 who are denied admission because they do not meet minimum standards may submit a transfer admission appeal form (<http://www.apsu.edu/records/forms.htm>) to the Committee on Admissions Standards to be considered for admission on an probationary basis. The decision of the committee is final.

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:

1. The educational quality of the institution from which the student wishes credit.
2. The comparability of the nature, content, and level of credit earned to that offered by APSU.
3. 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 43).
3. Courses earned with grade of "I" will transfer to APSU as a grade of "F".

4. The completion of an Associate of Science or Associate of Arts degree in a university parallel (transfer) program at any Tennessee Board of Regents two-year institution, as stated in the institution's 1988 or later Bulletin, 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.
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 Office of Admissions handles application procedures for all international students. For information, call (931) 221-7661 or write to the Office of Admissions, P.O. Box 4548, Clarksville, TN 37044 or visit the Web site at 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 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 or F 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.

The State of Tennessee mandates that each public or private postsecondary institution provide information concerning hepatitis B infection to all students entering the institution for the first time. Those students who will be living in on-campus housing for the first time must also be informed about the risk of meningococcal meningitis infection. Tennessee law requires that such students complete and sign a waiver form provided by the institution that includes detailed information about the diseases. The information concerning these diseases is from the Centers for Disease Control and the American College Health Association. The law does not require that students receive the vaccination; however, the law does require students to provide a signed copy of the waiver form to APSU, Boyd Health Services, P. O. Box 4655, Clarksville, TN 37044 or fax to (931) 221-7388.

NON-DEGREE ADMISSION

Applicants who are eligible for non-degree admission include:

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 person-

nel 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 (IER) as established by the multi-disciplinary team process."

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.

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.

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.

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 Students 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 240).

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, must be approved for admission by the School of Nursing's Admission Committee, and document acceptance of said admission to the school. Additionally the student must submit required health status information, insurance validation, CPR verification, and comply with required criminal background checks and drug screening evaluation following acceptance of admission according to published School of Nursing deadlines. Due to enrollment limitations, admissions is competitive within each applicant pool.

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 74).

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 306).

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 75).

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 10403	3	3
Art: Studio Art-General Portfolio	ART 10103	3	3
Biology	BIOL 1010 & 1011	4	3
Calculus AB	MATH 1910	5	3
Calculus BC	MATH 1910 & 1920	10	3
Chemistry	CHEM 1010 & 1011 or CHEM 1110 & 1111	4	3
Chemistry	CHEM 1010, 1011, 1020 or 1110, 111, 1120, 1121	8 or 10	4
Computer Science A	CSCI 1010	3	3
Computer Science AB	CSCI 1010 & 2010	6	3
Economics: Macroeconomics	ECON 2010	3	3
Economics: Microeconomics	ECON 2010 & 2020	6	4
English Language & Composition	ENGL 1010	3	3
English Literature & Composition	ENGL 1010 & 1020	6	3
European History	HIST 1220	3	3
French Language	FREN 1010, 1020	8	3
French Literature	FREN 1010, 1020	8	3
German Language	GERM 1010, 1020	8	3
History of Art	ART 1030	3	3
Latin	LATIN 1010, 1020	8	3
	LATIN 1010, 1020, 2010	11	4 or 5

AP- ADVANCED PLACEMENT EXAMINATIONS

CEEB AP TEST	APSU COURSE(S)	CREDIT HOURS	MINIMUM SCORE
Music Theory	MUS 1110	4	3
Music Theory	MUS 1110 & 1120	8	4
Music: Listening & Literature	MUS 1950	2	3
Music: Listening & Literature	MUS 1940 & 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 & Politics	POLS 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.

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

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

CLEP - College Level Examination Program General Examinations

In order to receive credit for the CLEP Generation Examination:

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 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 & History	50	6 hours elective credit

**Does not meet Liberal Arts Core Science requirement

CLEP - College Level Examination Program Subject Examination

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 Examination.

CLEP SUBJECT EXAMINATIONS	APSU COURSES	CREDIT HOURS	MINIMUM SCORE
American Government	POLS 2010	3	50
American Literature	ENGL elective	3	50
Analyzing & Interpreting Literature	ENGL 1020	3	50
Calculus with Elementary Functions	MATH 1810 & 1820	6	50
College Algebra	MATH 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 or 10	50
History of the United States I: Early Colonization to 1877	HIST 2010	3	50
History of the United States II: 1865 to the Present	HIST 2020	3	50
Human Growth & Development	PSY 3110	3	50
Information Systems & Computer Applications	CSCI 1000	3	50
Intro to Educational Psychology	PSY 3130	3	50
Introductory Business Law	BLAW 3300	3	50

CLEP SUBJECT EXAMINATIONS	APSU COURSES	CREDIT HOURS	MINIMUM SCORE
Introductory Psychology	PSY 1010	3	50
Introductory Sociology	SOC 2010	3	50
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.

Life/Work Portfolio Experiential Learning Credit Options at the Undergraduate Level

Austin Peay State University offers The Experiential Learning Program for assessing college-level knowledge gained through work and life experience. Prior learning may be evaluated through a variety of assessment tools. The tools may include departmental examinations, portfolios, external examinations, performance assessments or documented training programs, as determined by academic departments. Each department may determine whether it will participate in the experiential credit process or accept credits earned via the portfolio process. The following departments will participate in the experiential credit process: Communication and Theatre, Professional Studies, Health and Human Performance, and Computer Science and Information Technology.

A student may earn a maximum of 15 semester hours at the undergraduate level through experiential learning credit. The APSU prescribed credit allocations for experiential credit fall within the established Southern Association of Colleges and Schools parameters for experiential credit.

Portfolio Development

Upon approval by the appropriate chair a student may develop a portfolio for a course or courses offered by Austin Peay State University to gain college-level credit. Portfolios are submitted

to the faculty advisor and/or the department chair(s) of the appropriate department(s). The process ideally includes a preliminary study of the portfolio, an interview with the student, and the determination of credit to be awarded by the faculty assessor. A student seeking experiential credit via a life/work portfolio must complete an APSU non-credit portfolio development course through the Center for Extended and Distance Education.

The following regulations for experiential learning credit will apply:

1. Experiential learning credit will be granted upon the written recommendation of the chair of the department and/or designated faculty assessor having jurisdiction over the courses involved with department chair approval.
2. The applicability of experiential learning credit toward specific degree program requirements is subject to departmental approval.
3. A student may not fail a course at Austin Peay State University or any other institution and later receive credit for the same course through an experiential learning option.
4. Credit earned from non-accredited institutions may not be used as a basis for credit earned via a portfolio.
5. A student may not enroll in a course for credit or audit at Austin Peay State University and subsequently seek credit through an experiential learning option.
6. No letter grades will be entered on the transcript for experiential learning credit. The credit will be treated in the same way as transfer credit: a "P" (Pass) will be assigned and it will not count in the grade point average.
7. A student earning experiential credit must meet the minimum residency requirements of 25 percent of the total number of credits required for the degree at Austin Peay State University. This would include the specified residency hours of upper-level courses in the department of the declared major. The student should be aware that some program residency requirements exceed the university minimum residency requirements.

The privilege of seeking experiential learning credit is available to both full-time and part-time degree status students. A student should meet with his or her program advisor at the beginning of the academic career at Austin Peay State University to determine how experiential learning may be applicable to the

degree. For further information, contact the Dean of Extended and Distance Education.

Students must choose CLEP, departmental challenge exams or other approved mechanisms to receive credit for prior knowledge when available in lieu of seeking credit via a portfolio.

Candidates for portfolio credit are:

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

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 & 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)

Tennessee Department of Corrections (Tulahoma)

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 recommen-

ation. Students who have completed Basic Training are awarded two hours of Physical Activity and three hours of HHP 1250 -Wellness Concepts and Practices (see page 26).

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	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 AP Center @ 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 semesters, 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

Time Status	Main Campus	Fort Campbell
Full-time (F)	12	6
Three-quarter time (T)	9	4
Half-time (H)	6	3
Less than half-time (L)	5	2
Maximum Load		
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 semester/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.

Students who have declared a major should direct questions about advisement to the appropriate academic departments. Undeclared students should contact the Office of Career and Advisement Services, Morgan University Center, 208.

CLASS ATTENDANCE
STATEMENT OF POLICY

Class attendance is a key attribute to academic success. Though the matter of class atten-

dance 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 those students who stop attending class and are no longer receiving instruction ("FA" - Failure, Stopped Attendance). Faculty members will inform students of policies applicable to their classes through a syllabus distributed early in each semester/term. These punitive failing grades 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, 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 drop a class via APWeb or 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 208 or may withdraw online via APWeb For Students. Students officially withdrawing from the Fort Campbell campus may obtain the official withdrawal form from the AP Center @ Fort Campbell, Education Building, Information Window or withdraw online via APWeb For Students.

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" or "FA" at the discretion of the instructor. A grade of "F" or "FA" 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" or "FA". 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 of the student's major, acceptable reasons that establish the existence of unavoidable circumstances for the drop or withdrawal. If the student has not declared a major, these reasons must be presented to the Dean of the College of Arts and Letters. 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", or "FA".

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 this BULLETIN. Students must have passed or be currently enrolled in the appropriate pre-requisite(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, stopped attending (unofficial withdrawal) <i>Last recorded date of attendance required</i>	0
FN	Failure, never attended class (unofficial withdrawal)	0
P*	Pass, on Pass-Fail Course	—
XF*	Failure, on Pass-Fail Course	—
I*	Incomplete	—
IP*	In Progress (limited to COMM 3400, CHEM 4940, and BIOL 4830 & 4840)	—
W*	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 term 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 this BULLETIN or SCHEDULE OF CLASSES.

GRADE REPORTING

Students may obtain their grades through AP WEB for Students (www.apweb.apsu.edu) after each semester/term. Grade reports are not automatically mailed to students. One copy per term may be requested through AP WEB for Students.

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.

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

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 this 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. 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.
2. Political Science 454A and B, Legislative Internship, may be taken under the Pass-Fail grading system, subject to program supervisor's approval.
3. 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/terms 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, "I" and "IP" grades are not included in the hours attempted.
2. **Total quality points earned in courses.** (In the case of a repeated course, only the quality points earned the last time the student receives a grade in the course are included, except as stated under the "Course 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:	63
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 if applicable.

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 semesters, 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 includes 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

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 stu-

dent 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.

Transcripts may also be requested through the web at: 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 358). "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 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 2003-2004 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*	\$1,566.00
Per credit hour for less than 12 credits	.137.00
Per credit hour for Tennessee residents at least 65 years of age and/or permanently totally disabled (maximum of \$75)	.69.00
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	.78.00

Additional Charge to Out-of-State Students

For 12 or more credits*	3,966.00
Per credit hour for less than 12 credits	.344.00

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

For 12 or more credits	.295.00
For 1 credit hour \$64, for each added hour \$21 to maximum of	.295.00

Technology Access Fee (APSU @ Fort Campbell)

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

WEB Classes: on-line course fee per credit hour17.00

Regents On-Line Degree Program

Registration and Maintenance Fees per credit hour (no maximum)	.137.00
On-line course fee per credit hour (no maximum)	.55.00

Other required fees for Main Campus (ONLY)

Debt Service Fee

For 12 or more credits	.137.00
Part-time students per credit hour	.12.00
Transitions Fee (all new students)	.60.00
Post Office Box Rental (per semester if living on-campus, nonrefundable)	.9.00
Student Government Fee (per registration)	.4.00

*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	\$575.00-823.00
Family Housing (per month)	.400.00-535.00
Residence Hall Room (double occupancy per semester)	.1,225.00
Student Apartment (per semester)	.1,275.00-2,150.00

RETURNABLE DEPOSITS

Housing

Residence Halls	.100.00
Apartments	.100.00

SPECIAL FEES (some required)#

Application Fee (include with application - nonrefundable)	\$ 15.00
Audit Fees	cross listed with regular fees
(No charge to Tennessee residents at least 60 years of age and/or permanently, totally disabled)	
Business Course Fee for Upper Division (per credit hour)	20.00
Graduation (includes Commencement regalia)	
Associate Degree	25.00
Baccalaureate Degree	30.00
Master and Specialist Degree	35.00
Additional Fees (after original Application for Graduation):	
Application after the published deadline	5.00
Cancellation fee (student must reapply for Graduation)	10.00
Change of Date (Semester/Term)	10.00
Change of Name	10.00
Duplicate Diploma	10.00
Identification Card (required of all students enrolled for	
Main Campus classes)	No Charge
Identification Card Replacement	10.00
Late Registration (nonrefundable)	50.00
Motor Vehicle Registration	included in General Access Fee
Music Lessons -- Individual: one hour lesson per week	150.00
Nursing Clinical Skills Fee (per semester)	90.00
Returned Check Service Charge	20.00
Proficiency Examination (per credit hour)	15.00
Science Consumables Fee (per lab)	15.00
Textbooks (estimation per semester)	300.00
Transcripts, Official (limited number)	No Charge
<i>(transcripts issued only upon written request by the student)</i>	
Fax transcripts (per page, including cover sheet)	1.00

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. This scholarship is 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 \$3,966 per semester for tuition in addition to the \$1,566 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.
- 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/Veterans Affairs, P. O. Box 4546, Austin Peay State University, Clarksville, Tennessee 37044. Telephone (931) 221-7907 or toll free at 1-877-508-0057. You may complete a FAFSA application via the web at 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. Students may withdraw on AP Web for Students.

SCHOLARSHIPS

Detailed information on all Austin Peay scholarships can be found, and the majority applied for, via the APSU web site, www.apsu.edu/scholarships.

If you need assistance or have questions, you may call the Scholarship Manager, University Advancement, 931-221-7199.

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, Office of Student Financial Aid/Veterans Affairs, and at www.fafsa.ed.gov.

FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT (FSEOG)

This grant is awarded to undergraduate students on the basis of financial need and availability of funds. The FSEOG award, unlike student loans, does not have to be repaid. This grant is based on the number academic hours the student is enrolled. To be eligible for FSEOG you must complete the FAFSA application by April 1st. 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.

TENNESSEE STUDENT ASSISTANCE AWARD (TSAA)

The TSAA grant is available only to undergraduate residents of Tennessee and based on financial need and availability of funds. The awards are 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) prior to the state aid deadline date of May 1st 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. VA educational benefits recipients may not be eligible for TSAA.

TENNESSEE EDUCATION LOTTERY SCHOLARSHIPS

Tennessee Education Lottery Scholarships will be awarded beginning Fall 2004 semester for students who meet the following eligibility requirements. Information below is based on full-time enrolled students. If you are enrolled part-time, see section entitled part-time awards. All award amounts are estimated, as awards will depend on collection of lottery revenue.

Application Process: All students, regardless of financial need, must submit a Free Application for Federal Student Aid (FAFSA). This application is available online at www.fafsa.ed.gov. This application must be submitted no later than May 1. *It is recommended for students to apply as early as possible after January 1.*

Tennessee Hope Scholarship. \$3,000 per year renewable.

2003 Tennessee High School Graduates. Applicants must be a Tennessee resident for one year and be currently enrolled in a Tennessee public college/university or enrolled in a Tennessee private college/university that is accredited by the Southern Association of Colleges and Schools (SACS). Applicants must have graduated from high school with an overall and college core GPA of 3.0 out of a possible 4.0 OR have a composite score of 19 on the ACT (890 SAT). The required renewal criteria is 2.75 cumulative GPA and completion of 24 credit hours.

2004 Tennessee High School Graduates. Applicants must be a 2004 Tennessee high school graduate and be a Tennessee resident for one year. In addition, a composite score of 19 on the ACT (890 SAT) OR 3.0 unweighted overall GPA and college core GPA out of a possible 4.0 and the required college core courses listed below.

Home Schooled Students. Applicants graduating from a Tennessee home school program in 2003 or 2004 must be a Tennessee resident for one year and have attained an ACT composite score of 23 (SAT 1060).

GED. Applicants with an average GED score of 525 (test must have been taken after January 1, 2003 but before January 1, 2004), and an ACT composite score of 19 (890 SAT) is required.

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

Need-Based Supplemental Award. This scholarship is a \$1,000 renewable supplemental scholarship for those who meet the qualifications for the Tennessee Hope Scholarship, plus have a parental adjusted gross income of \$36,000 or less. Applicants can receive only one supplemental scholarship.

Tennessee Hope Access Grant. This scholarship is a \$2,000 non-renewable scholarship for students who do not meet the eligibility requirements for the Tennessee Hope Scholarship. Applicants must have a 2.75 unweighted overall and college core GPA with all required college core courses and a composite score of 18 on the ACT (860 SAT) and have a parental adjusted gross income of \$36,000 or less. Students receiving this grant may qualify for the Tennessee Hope Scholarship in their second year. 2003 Tennessee high school graduates are not eligible for this grant.

Required College Core Courses (20 units). English (4 units); Mathematics (3 units); Science (3 units); Social Studies (3 units); Foreign Language (2 units); Fine Arts (1 unit); Wellness (1 unit); Electives (3 units).

Renewal Criteria. A cumulative GPA of 2.75 for the first year and a cumulative GPA of 3.0 for subsequent years is required. In addition, a total of 24 credit hours must be attempted each year for full-time enrolled students. Eligibility is for five years or up to 120 credit hours for 4-year programs. Students may be eligible for up to 136 credit hours or five years for 5-year programs.

Part-time Awards and Renewal Criteria. Applicants enrolling part-time must meet the same criteria as full-time enrollees. Awards for those enrolled in six, seven, or eight hours will receive half of the award of full-time enrolled students, while those enrolled in nine, ten or eleven hours will receive three-quarters of the award. Renewal criteria will be the same as full-time enrolled students, but will be measured at inter-

vals of 12 attempted hours (i.e., 12, 24, 36, 48, etc.).

For further information, contact the Office of Admissions at 931-221-7661 or 1-800-844-2778. For renewal and appeal information, contact the Office of Student Financial Aid/Veterans Affairs at 931-221-7410 or 1-877-508-0057.

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 Office of Student Financial Aid/Veterans Affairs.

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 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. Applications for this loan are available through the Office of Student Financial Aid/Veterans Affairs 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 inter-

est 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. Applications for this loan are available through the Office of Student Financial Aid/Veterans Affairs or at: <http://www.apsu.edu/financialaid/forms/lrs.pdf>

FEDERAL PARENT LOAN FOR UNDERGRADUATE STUDENTS (PLUS)

The Federal Parent Loan (PLUS) 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. If eligible, the parent may borrow up to the student's 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. Applications for the PLUS loan may be obtained through the Office of Student Financial Aid/Veterans Affairs or via 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. Please review your loan disclosure when you will receive from your lender regarding your disbursement dates.

FRESHMAN DISBURSEMENT (30 DAY HOLD)

For first time borrowers, it is a federal requirement that the first loan disbursement be released 30 days past the first day of class. Due to this federal regulation, students should be prepared to purchase books and supplies.

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*	Total

* 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 Office of Student Financial Aid/Veterans Affairs 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 may lose 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 Office of Student Financial Aid/Veterans Affairs with proof of compliance with the appropriate requirement(s) above.

3. Appeals: Appeals should be made in writing to the Office of Student Financial Aid/Veterans Affairs. 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, whose decision will be final. The appropriate appeal form can be obtained through the Office of Student Financial Aid/Veterans Affairs or via the web at 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.
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

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 for up to 20 hours. Applicants must be at least half-time students and maintain a 1.5 GPA. Applications are secured from the Office of Student Financial Aid/Veterans Affairs, 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 Office of Student Financial Aid/Veterans Affairs.

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.

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 Office of Student Financial Aid/Veterans Affairs programs from which they received the funds. The Office of Student Financial Aid/Veterans Affairs 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.

- I. 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)

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 216, 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-GI BILL1 (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 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.

ELIGIBILITY FOR DEFERMENT OF PAYMENT OF TUITION AND FEES BY CERTAIN ELIGIBLE STUDENTS RECEIVING U.S. DEPARTMENT OF VETERANS AFFAIRS OR OTHER GOVERNMENTALLY FUNDED EDUCATIONAL ASSISTANCE BENEFITS

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

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

ADMISSION TO THE UNIVERSITY IS REQUIRED FOR RECEIVING DVA BENEFITS

Students must be fully admitted and seeking a degree at APSU in order to qualify for DVA educational 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.

NOTE: Accelerated courses may affect your VA monthly entitlement.

CRITICAL AREAS OF CONCERN FOR CONTINUING DVA CERTIFICATION FOR BENEFITS

1. **Matriculation:** DVA considers a student to have matriculated when he/she has been admitted to the University as pursuing an approved degree. This means that all documents necessary to be admitted as a regular, degree-seeking student must be received by the Office of Admissions before matriculation is complete. Students who have not been 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 FIRST TERM OF ENROLLMENT.** The requirements for full admission must be completed prior to enrollment for the second term of enrollment (see General Requirements for Admission). Certification for DVA educational benefits will not be submitted beyond one term of enrollment for non-matriculated students. The fol-

lowing 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 DVA 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 origi-

nally 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. 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 vocational 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 term following the term for which probation was awarded or DVA educational benefits will be terminated. If benefits are terminated for unsatisfactory academic progress, a written request on VA Form 22-8873 must be submitted by the student for benefits to be reinstated.

DUAL ENROLLMENT BETWEEN MAIN CAMPUS AND FORT CAMPBELL

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

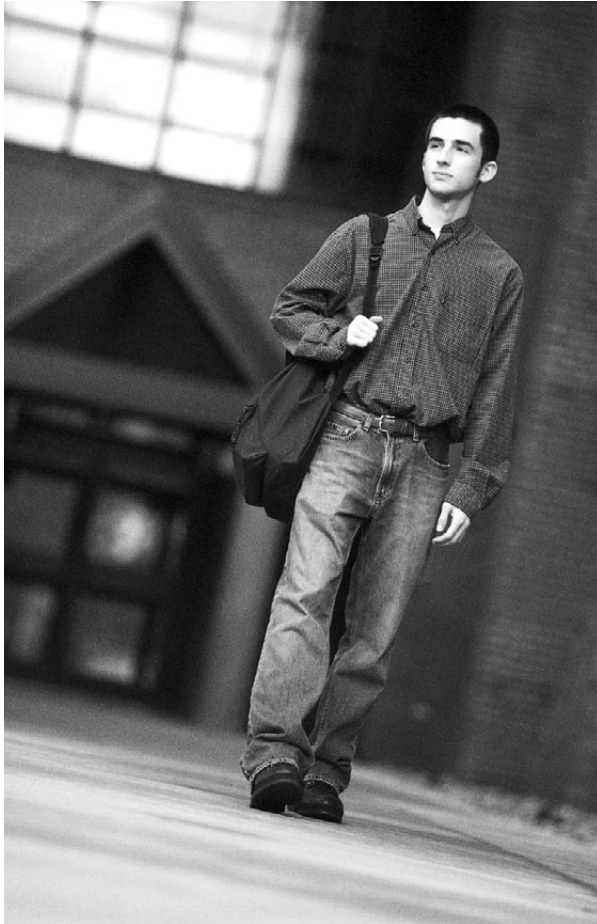
Receipt of an "FA" grade will result in benefits being terminated from the last record date of attendance. "FA" grade refers to the grade to be assigned as of the date to which the student stops attending the class(es) and is no longer receiving instruction for the class(es).

Receipt of an "FN" grade will result in benefits being terminated from the first date of the term. "FN" grade refers to the grade to be assigned when the student never attended the class(es).

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 recipients and to email us with any questions.

The Academic Community



SPECIAL PROGRAMS OF THE UNIVERSITY

CENTER FOR EXTENDED AND DISTANCE EDUCATION

Dean: Dr. Stanley Groppel

Location: 106 Public Square

Phone: (931) 221-7257

E-mail: gropfels@apsu.edu

Website: www.apsu.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 Groppel

Location: Clement 103

Phone: (931) 221-7612

Website: 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 per course 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 34) for admission policy regarding assessment. Certain entering students will be required to take developmental studies courses based on the results of the placement tests.

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 until enrollment in a DSP course. 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 courses are: "A", "B", "C", "F", "FA", "FN", "W".

Students enrolled in any remedial or developmental course must be advised by major advisor or a DSP advisor for undecided majors.

*See page 171 for courses offered and course descriptions.

DISTANCE EDUCATION

Coordinator: Mr. T. Moseley

Location: Library Rm 323

Phone: (931) 221-1014

E-mail: moseleyt@apsu.edu

Website: www.apsu.edu/ext_ed/distant_ed/index.htm

Distance Education enables the University to reach beyond the traditional campus via online, two-way interactive television, and 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

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.

ENGLISH AS A SECOND LANGUAGE

Coordinator:

Location: 106 Public Square

Phone: (931) 221-7175

E-mail: esl@apsu.edu

The ESL Institute offers a diversified and intense program of study in English for international students who desire to raise their level of English proficiency in order to seek admission to APSU or another university. Additionally, the Institute provides community residents the opportunity to study English in order to prepare for a professional career, advanced education, and participation in the global community. Courses integrate multiple skills, such as reading, writing, grammar and vocabulary in a friendly and personal classroom setting.

NONCREDIT AND CUSTOMIZED TRAINING

Coordinator: Ms. M.A. Burkhardt

Location: 106 Public Square

Phone: (931) 221-6487

E-mail: burkhartm@apsu.edu

Website: www.apsu.edu/ext_ed/

The Center provides both traditional classroom and online noncredit educational opportunities including seminars, classes, certification programs and short courses as well as customized business and industry 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: rodp@apsu.edu

Website: 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 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 304 for additional information regarding this program.

STUDENT SUPPORT SERVICES

Director: Ms. J. Preston-Sabin

Location: Ellington Student Services Building
Room 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 \$237,607 for 2003-2004. 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) 551-4313 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. 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

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
Manager: Feleesha Johnson
Location: Music/Mass Communications Building
 Room 165
Phone: (931) 221-7876
Email: johnsonf@apsu.edu
Website: 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

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.

ENVIRONMENTAL EDUCATION CENTER

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 with a demonstration area and production of farm commodities. The EEC is available for various uses by the University and community. Permission is required to use or visit these facilities.

FIRST YEAR EXPERIENCE

Office of Academic Support

Director: Dr. Harriett McQueen

Location: Morgan University Center, 112

Phone: (931) 221-6540

Austin Peay State University recognizes the uniqueness of the freshman year; its purpose is to assist students as they make the transition from high school to university life by orienting them to University expectations. A series of initiatives designed to promote success in the university setting begins with *Transitions* and freshman orientation. The Freshman Convocation, held on the day before classes begin, is a required meeting as students become fully engaged in University life. All freshmen must enroll in a first-year seminar, a common learning experience which reflects the academic mission of the University, in which students develop personal responsibility for academic decision making and planning. Academic progress is monitored through an Early Alert program. The Academic Support Center provides peer tutoring and supplemental instruction for those who attend and participate in classes but who need some additional assistance with course work. Academic advising is a key to freshman success and is central to student satisfaction.

HONORS PROGRAM

College of Arts & Letters

See page 228.

INTERNATIONAL STUDIES MINOR

College of Arts & Letters

See page 229.

PRESIDENT'S EMERGING LEADERS PROGRAM

See Leadership, page 287.

SERVICEMEMBERS OPPORTUNITY COLLEGES (SOC)

Coordinator: Ms. Sheila M. Bryant, Registrar

Location: Office of the Registrar, Ellington, 303

Phone: (931) 221-6238

Austin Peay is designated as an institutional member of Servicemembers Opportunity Colleges (SOC), a group of over 400 colleges and universities providing voluntary postsecondary education to members of the military throughout the world. As a SOC member, APSU recognizes the unique nature of the military lifestyle and has committed itself to easing the transfer of relevant course credits, providing flexible academic residency requirements, and crediting learning from appropriate military training experiences.

SERVICEMEMBERS OPPORTUNITY COLLEGES ASSOCIATE DEGREE FOR SOLDIERS (SOCAD-2)

In addition to its SOC membership, APSU is one of approximately 200 institutions providing occupational and flexible SOCAD-2 (formerly SOCAD) programs on over 50 Army installations worldwide. These programs lead to associate degrees, most of which correspond to enlisted and warrant officer job specialties. The agreement is valid for six years. Through prior agreement, students in SOCAD-2 programs:

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 transfer ability 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/

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.

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. H. Davis

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) 221-7118

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; (3) a winter break program that begins in December and yields credits in the Spring Semester.

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

Interim Director: Kenneth Maddox

Location: Clement Building 120

Phone: (931) 221-7120

Website: www.apsu.edu/aacc

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 315.

ACADEMIC YEAR

MAIN CAMPUS AND AP CENTER @ FT. 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.)
- Bachelor of Science in Professional Studies (B.S.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, 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 college also includes Programs in African-American Studies, Honors, International Studies, Women's Studies, the African-American Cultural Center and the Center for the Creative Arts. The academic departments and programs in the college are central to the 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</u>		<u>DEGREE OFFERED</u>
			<u>CREENTIAL</u>	<u>REPARATION</u>	
Art	Art	Graphic Design			B.F.A.
	Studio Art				B.A., B.F.A.
Art Education			Licensure 7-12		B.A., B.S.
Communication	Communication	Mass Communication			B.A., B.S.
& Theatre	Arts	Public Relations			B.A., B.S.
		Theatre			B.A., B.S.
		& Theatre Education	Licensure 7-12		B.A., B.S.
History & Philosophy	History		Licensure 7-12		B.A., B.S.
	Philosophy		Licensure 7-12		B.A., B.S.
Languages and Literature	English		Licensure 7-12		B.A., B.S.
	Foreign Languages		Licensure 7-12		B.A.
	Spanish		Licensure 7-12		B.A.
Music	Music	Liberal Studies			B.A., B.S.
	Music Education		Licensure 7-12		B.A., B.S.
	Music Performance				B.A., B.S.

COLLEGE OF PROFESSIONAL PROGRAMS AND SOCIAL SCIENCES

Dr. Thomas Buttery, Dean

Location: Harned, Room 144

Phone: (931) 221-6380; Fax: (931) 221-6382

e-mail: butteryt@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 & Human Performance	Health		Licensure 7-12	B.S.
	Health & Human Performance		Licensure K-12	B.S.
Military Science			Commission 1	
Political Science	Political Science		Licensure 7-12	B.A., B.S.
	Legal Studies			B.A., B.S.
Psychology	Psychology		Licensure 7-12	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., M.S.N.
Social Work	Social Work			B.S.
& Sociology	Sociology		Licensure 7-12	B.S.

SCHOOL OF BUSINESS

Dr. Phil Moery, Director

Location: Kimbrough 104

Phone: (931) 221-7674

Website: www.apsu.edu/business/

VISION

Our vision is to be recognized as the best School of Business in our region. We will assume a position of innovative leadership within the university through contributing to its continued success and growth.

MISSION

Student learning is the first priority of the School of Business. Our students and faculty come to us with a variety of goals, interests, needs experiences and expectations. Together, we will create a challenging, supportive, mutually respectful atmosphere for advising and for individual and collaborative learning. Our students are instructed using innovative methods that promote critical thinking, communication skills, leadership and a commitment to lifelong learning. Our faculty distinguish themselves through a wide-range of intellectual and professional contributions. The performance, pride, professionalism and passion for learning of our faculty and graduates distinguish us as an outstanding School of Business.

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 the liberal arts mission of the university. The curriculum is intended to capitalize on students' firm grounding in liberal arts, as well as to establish a thorough understanding of the relationship between theory and practice within the business discipline. Programs of study are regularly reviewed in concert with a variety of constituents to explore the appropriateness and feasibility of new offerings. The research emphasis is primarily applied and instructional. Such efforts are expected to influence teaching. The School's commitment to service includes contributions to the disciplines, the university, and the community, and offering additional opportunities for enhanced instruction and applied research.

THE BACHELOR OF BUSINESS ADMINISTRATION

The School of Business offers the Bachelor of Business Administration (BBA) with 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 1530, ACCT 2010, 2020, and ECON 2010, 2020. Any exception to these requirements must be approved by the Director of the School of Business. Students seeking exceptions must have their advisor's approval before submitting the request to the Director.

Transfer students first meet with their advisor in business for a review of their transcript. Transfer credit from community or technical colleges and the associate degree programs at Fort Campbell is limited to the lower division courses. Selected business courses taken at the lower level, which are taught at the upper level at APSU, may be counted for upper level courses by passing a validation exam. For information on the validation exams contact the Director. 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 at another institution for transfer credit to APSU must secure prior written approval from the appropriate area coordinator and the Registrar on the course approval form. These and all other forms for advising and registration, course substitution or change in major may be obtained at the School of Business office, Kimbrough 104.

Non-business majors or students with a business minor must meet the specific course prerequisites which include junior standing (60 hours) for all 3000-4999 level business courses and may earn no more than 32 hours of credit offered by the School of Business. Students taking more than 32 hours must meet the upper-division admission requirements of the BBA program.

SCHOOL OF EDUCATION

Dr. Phil Roberson, Director

Location: Claxton Building, Room 210

Phone: (931) 221-7696

Website: 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: 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 School of Education offers two majors: Interdisciplinary Studies (K-6; 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 disciplines 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 Director 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 and to apply for Provisional Admission to Teacher Education. This should be completed by students enrolled in EDUC 2100, or during initial advisement for transfer students.

PROVISIONAL ADMISSION TO TEACHER EDUCATION

After completion of approximately 45 semester hours of Liberal Arts core requirements and EDUC 2100 with a minimum GPA of 2.75, 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.

APEAL 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 must total at least 120 hours. Students seeking licensure in 7-12 or K-12 must complete the Liberal Arts core, including HHP 1250, for the B.A. or B.S. degree as designated in this BULLETIN. Courses completed must satisfy required State guidelines.

DECLARE INTENT

Students who wish to be recommended for licensure to teach in secondary schools should declare their intent as early as possible and should follow the Teacher Education Identification process on page 75.

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/

The School of Nursing offers a pre-licensure undergraduate program, the completion of which results in educational eligibility for the graduate to write the Registered Nurse Licensing Examination for R.N. Licensure. Additionally, the School of Nursing offers an on-line post-licensure undergraduate program through which the licensed registered nurse may complete the requirements for the BSN degree, as well as a MSN program including multiple specialization tracks. Successful completion of mid-curricular and comprehensive exit exams are required for program progression and program completion. Students must review their course of studies with a designated School of Nursing Advisor.

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.

BSN 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.

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 clinician, teacher, administrator or researcher. Non-baccalaureate prepared registered nurses may pursue the BSN degree through the RN-BSN track.

APPLICATION AND ADMISSION REQUIREMENTS

1. Students applying for admission to the Bachelor of Science in Nursing Program must meet the regular requirements for admission to APSU.
2. Students must complete all nursing pre-requisite courses and have no more than a maximum of six credit hours of general education requirements remaining in order to begin nursing coursework. Students must be admitted to the School of Nursing, which is a separate process from that of admission to the university. **Eligibility to apply** for admission to the School of Nursing requires a minimum GPA of 2.8 on APSU general education requirements and nursing pre-requisites only. If a student has multiple courses that satisfy a requirement, the student may specify which course they wish to apply toward the admission GPA requirement. Application for admission to the School of Nursing includes submission of a completed School of Nursing Application Form by the published deadline, and transcripts verifying all completed coursework and a grade of "C" or better in all nursing pre-requisite courses.
3. Completed application for admission to the School of Nursing should be received by the School of Nursing no later than September 1 of the admissions year. (Licensed RN's applying for admission to the RN-BSN degree completion program must submit completed applications by April 1 of the admission 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 for Bachelor of Science in Nursing Program; and,
 - d. Post-licensure Registered Nurse students must present a copy of current unencumbered 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 October 15. (Because of limited numbers of placements in nursing courses, not all applicants meeting the eligibility requirements to apply for admission will be selected. Selections will be based on ranking of candidates by GPA, based on APSU general education requirements and nursing pre-requisites only.) (ROTC scholarship recipients meeting admission criteria will be approved for admission.)
 5. Students offered an admission position in the School of Nursing must reply by a date to be published by the School of Nursing. Failure to do so will result in loss of admission to the School of Nursing.
 6. Following acceptance into 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 dated no more than two months prior to enrollment in nursing courses (a negative chest X-ray will be required in the context of a positive tuberculin skin test), vaccination or proof of immunity to rubella, varicella, rubeola, and Hepatitis B series;
 - c. Provide verification of current certification in Basic Cardiac Life Support (CPS), comparable to the Health Care Provider Course of the American Heart Association; and,
 - d. Comply with criminal background checks and drug screening as required for eligibility to access entrance into specific clinical agencies as related to clinical course objectives.
 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 (Post-licensure)

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 6 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 or Director at the time of initial application for specified nursing courses. To receive escrow transfer credit for lower division nursing courses, students must submit verification of graduation from an NLNAC accredited program and document employment as an RN within the past three years at the time of application.

Students not graduating from an NLNAC accredited program, as well as students not employed as a RN within the past three years must take approved College Examinations 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 post-licensure nursing major includes: 2020, 3010, 3080, 4010, 4020, 4050, 4070, 4080, 4100, 4220.

NURSING MAJOR (Pre-licensure)

2020, 2030, 2040, 2050, 3010, 3020, 3060, 3070, 3080, 3100, 3220, 4010, 4020, 4040, 4050, 4060, 4070, 4080, 4100, 4220. 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, 2011, 2020, 2021, 2300, 2301; MATH 1530; PSY 1010, 3110; SOC 2010.

Progression

A grade of "C" or better (per School of Nursing grading scale) is required to pass any nursing course and to progress within 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.

COLLEGE OF SCIENCE AND MATHEMATICS

Dr. Gaines Hunt, Dean

Location: Harned Hall 132

Phone: (931) 221-7971, Fax: (931) 221-7984

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 & Information Technology	Computer Science & Information Systems	Computer Science Information Systems Database Administration Internet & Web Technology		B.S. B.S. B.S. B.S.
Mathematics	Mathematics		Licensure 7-12	B.S.
School of Agriculture & Geosciences	Agriculture	Agri-Business Agri-Communication Agri-Pre-Veterinary Medicine Agri-Science		B.S. B.S. B.S. B.S.
	Geosciences	Global Environment & Development Environmental Hazards Geographic Information Analysis Soil and Water Management Geology		B.S. B.S. B.S. B.S. B.S.
Physics & Astronomy	Physics	Computational Methods Optoelectronics Professional Management 3+2 Engineering	Licensure 7-12	B.S. B.S. B.S. B.S.

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. 140 , 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, and computer science. General requirements for all degrees available in the School of Technology and Public Management are included on page 83. Academic regulations applying to associate and baccalaureate degrees are included on pages 90-92. In addition, curriculum and liberal arts core requirements for all undergraduate students expecting to earn a degree from this university are included on page 88.

<u>DEPARTMENT</u>	<u>MAJOR</u>	<u>CONCENTRATIONS</u>	<u>DEGREE OFFERED</u>	
Engineering Technology	Engineering Technology	General	B.S.	
		Electrical	B.S.	
		Electrical with Robotics	B.S.	
		Manufacturing	B.S.	
		Manufacturing with Robotics	B.S.	
Fort Campbell	Liberal Arts		A.S.	
	Occupational Studies	Electronics Technology	A.A.S.*	
Professional Studies	Professional Studies	Technical Area	B.S.P.S.	
	Occupational Studies	Automotive Technology	A.A.S.*	
		Construction/Welding	A.A.S.*	
Public Management	Computer Technology and Information Management	Administrative Management	A.A.S.*	
		Computer Science & Electronics	A.A.S.*	
	Management Technology	Restaurant Management	A.A.S.*	
		Criminal Justice	B.S.	
	Public Management	Public Management	General Management	B.S.
			Geography or Geology	B.S.
			HHP (Recreation)	B.S.
			History	B.S.
			Political Science	B.S.
			Police Sciences	B.S.*
		Sociology	B.S.	
Management Technology		Management Technology	A.A.S.*	
	Police & Administration	A.A.S.*		
	Corrections Management	A.A.S.*		
	General Business	A.A.S.*		
	Industrial Management	A.A.S.*		

*Austin Peay Center @ Fort Campbell only

COLLEGE OF GRADUATE STUDIES

Dr. Charles Pinder, Dean

Location: Kimbrough Building 203

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

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 & DEGREES</u>	<u>CONCENTRATIONS</u>	<u>SPECIALIZATIONS</u>	<u>DEGREE OFFERED</u>
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.
Education Leadership			M.A.Ed.
English			M.A.
Counseling	Community Counseling		M.S.
	School Counseling		M.S.
Health and Human Performance	Public and Community Health	Exercise Science	M.S.
	Health Services Administration	Sports Administration	M.S.
Music	Music Education		M.Mu.
	Music Performance		M.Mu.
Psychology	Clinical		M.A.
	Industrial/Organizational Psychology		M.A.
	School Psychology		M.A.
Reading			M.A.Ed.

<u>MAJORS & DEGREES</u>	<u>CONCENTRATIONS</u>	<u>DEGREE OFFERED</u>
Education *	Administration and Supervision	Ed.S.
	School Counseling	
	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/>

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 60 semester hours credit, 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 68)
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.

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 68). (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 120 semester hours credit, at least 39 of which shall be earned in courses numbered 3000-4999 or upper-division elective (EU) transfer credits.
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 if applicable.
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/director of the college/school 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 (III. B. 3 - 6 hours) Liberal Arts core requirement.
8. The First Year Experience Course (APSU 1000) must be successfully completed by all first-time freshmen and all transfer students who transfer in less than 12 semester hours of traditional college credit.
9. Total credits required for graduation with a baccalaureate degree will be at least 120, including the Liberal Arts core, major, minor if applicable, 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.

GOALS OF THE LIBERAL ARTS CORE REQUIREMENTS

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.

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.

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.

Historical Consciousness - Students should have an understanding of the relationship between past and present, of changes, and of continuation.

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.

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.

Appreciation of the Fine Arts - Students should experience the fine arts as a contribution toward the enrichment of living.

Multicultural Experience - Students should have an understanding of diverse cultures in a changing world increasingly influenced by international trends.

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.

COMMON BULLETIN STATEMENT REGARDING GENERAL EDUCATION

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

*Baccalaureate Degrees and Associate of Science Degrees

Communication	9 hours**
Humanities and/or Fine Arts	9 hours (at least one course must be in literature)
Social/Behavioral Sciences	6 hours
History	6 hours***
Natural Sciences	8 hours
Mathematics	3 hours
	Total 41 hours

*Foreign language courses are an additional requirement for the Bachelor of Arts (B.A.) degrees. Twelve hours of foreign language are required for the B.A.

**Six hours of English Composition and three hours in English oral presentational communication are required.

***Students who plan to transfer to Tennessee Board of Regents (TBR) Universities should take six hours of United States History (three hours of Tennessee History may substitute). Students who plan to transfer to University of Tennessee System Universities or to out-of-state or private Universities should check requirements and take the appropriate courses.

Although the courses designated by Tennessee Board of Regents (TBR) institutions to fulfill the requirements of the general education subject categories vary, transfer of the courses is assured through the following means:

1. Upon completion of an A.A. or A.S. degree, the requirements of the lower-division general education core will be complete and accepted by a TBR University in the transfer process.
2. If an A.A. or A.S. is not obtained, transfer of general education courses will be based upon fulfillment of complete subject categories. (Example: If all eight hours in the category of Natural Sciences are complete, then this "block" of the general education core is complete.) When a subject category is incomplete course-by-course evaluation will be conducted. The provision of block fulfillment pertains also to students among TBR Universities.
3. Institutional/departmental requirements of the grade of "C" will be honored. Even if credit is granted for a course, any specific requirements for the grade of "C" by the receiving institution will be enforced.
4. In certain majors, specific courses must be taken also in general education. It is important that students and advisors be aware of any major requirements that must be fulfilled under lower-division general education.

Courses designated to fulfill general education by Austin Peay State University are published on page(s) 86-89 of this Bulletin. A complete listing of the courses fulfilling general education requirements for all system institutions is available on the TBR website (www.tbr.state.tn.us) under Transfer and Articulation Information.

"C" Grade

Students must obtain a grade of "C" or better in English 1010 and 1020 in order to receive credit. This includes courses taken in residence and transfer courses.

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 pages 228-229).

LIBERAL ARTS CORE REQUIREMENTS FOR BACHELOR OF ARTS DEGREE

- I Communications** **.9 hours**
 A. *ENGL 1010 (3) - English Composition I
 B. *ENGL 1020 (3) - English Composition II
 C. *COMM 1010 (3) - Fundamentals of Public Speaking
- II History** **.6 hours**
Select any two courses listed below:
 A. HIST 2010 - American History I (3)
 B. HIST 2020 - American History II (3)
 C. HIST 2030 - History of Tennessee (3)
- III Humanities and/or Fine Arts** **.15 hours**
 A. *ENGL 2030 - Traditions in World Literature (3)
 B. **Foreign Language (6)
Select one course from each of two disciplines below:
 C. ART 1030 - Art Appreciation (3)
 D. MUS 1030 - Music Appreciation (3)
 E. MUS 2030 - World Music (3)
 F. PHIL 1030 - Introduction to Philosophy (3)
 G. PHIL 2200 - Religion and the World (3)
 H. THEA 1030 - Introduction to Theatre (3)
- IV Mathematics** **.3 hours**
Select one course listed below:
 A. MATH 1010 - Mathematical Thought and Practice (3)
 B. MATH 1420 - Structure of Mathematical Systems (3)
 C. MATH 1530 - Elements of Statistics (3)
 D. MATH 1730 - Pre-Calculus (3)
 E. MATH 1810 - Elements of Calculus (3)
 F. MATH 1910 - Calculus and Analytic Geometry (3)
- VI Natural Sciences** **.8 hours**
Select any two courses listed below:
 A. ASTR 1010 - Planetary Astronomy (4)
 B. ASTR 1020 - Stellar Astronomy (4)
 C. BIOL 1010 - Principles of Life (4)
 D. BIOL 1020 - Diversity of Life (4)
 E. BIOL 1040 - Human Biology (4)
 F. BIOL 2010 - Human Anatomy and Physiology I (4)
 G. BIOL 2020 - Human Anatomy and Physiology II (4)
 H. CHEM 1010 - Chemistry, Society, and the Environment I (4)
 I. CHEM 1020 - Chemistry, Society, and the Environment II (4)
 J. CHEM 1110 - General Chemistry I (5)

- K. CHEM 1120 - General Chemistry II (5)
- L. CHEM/PHYS 1710 - Introduction to Chemistry & Physics (4)
- M. GEOL 1040 - Physical Geology (4)
- N. GEOL 1050 - Historical Geology (4)
- O. PHYS 1010 - Conceptual Physics I (4)
- P. PHYS 1020 - Conceptual Physics II (4)
- Q. PHYS 2010 - College Physics, Algebra and Trigonometry (5)
- R. PHYS 2110 - University Physics I (Calculus-based) (5)
- S. PHYS 2120 - University Physics II (Calculus-based) (5)

V Social & Behavioral Sciences6 hours

Select one course from each of two disciplines below:

- A. ECON 2010 - Principles of Macroeconomics (3)
- B. GEOG 1010 - Physical Geography (3)
- C. GEOG 1020 - Geography of the Developed World (3)
- D. GEOG 1030 - Geography of the Developing World (3)
- E. HHP 1250 - Wellness Concepts & Practices (3)
- F. HIST 1210 - World History I (3)
- G. HIST 1220 - World History II (3)
- H. ***POLS 2010 - American National Government (3)
- I. ***POLS 2040 - Introduction to Public Policy (3)
- J. ***POLS 2070 - International Politics (3)
- K. PSY 1010 - General Psychology (3)
- L. SOC 2010 - Introduction to Sociology (3)
- M. SOC 2050 - Social Problems (3)
- N. SOC 2500 - Cultural Anthropology (3)

* These courses are required of all students.

** 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.

*** The Political Science rubric has been changed from PSCI to POLS.

MAJORS

See page 97.

MINORS

See page 98.

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.

TEACHER LICENSURE

Teacher Licensure are for students who desire to seek licensure to teach are referred to criteria for admission to teacher education on page 75.

CURRICULAR REQUIREMENTS OF THE BACHELOR OF BUSINESS ADMINISTRATION (B.B.A.), AND THE BACHELOR OF SCIENCE DEGREE (B.S.) AND THE BACHELOR OF SCIENCE IN PROFESSIONAL STUDIES (B.S.P.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 228-229).

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

- I Communications** **9 hours**
 A. *ENGL 1010 (3) - English Composition I
 B. *ENGL 1020 (3) - English Composition II
 C. *COMM 1010 (3) - Fundamentals of Public Speaking
- II History** **6 hours**
Select any two courses listed below:
 A. HIST 2010 - American History I (3)
 B. HIST 2020 - American History II (3)
 C. HIST 2030 - History of Tennessee (3)
- III Humanities and/or Fine Arts** **9 hours**
 A. *ENGL 2030 - Traditions in World Literature (3)
Select one course from each of two disciplines below:
 B. ART 1030 - Art Appreciation (3)
 C. MUS 1030 - Music Appreciation (3)
 D. MUS 2030 - World Music (3)
 E. PHIL 1030 - Introduction to Philosophy (3)
 F. PHIL 2200 - Religion and the World (3)
 G. THEA 1030 - Introduction to Theatre (3)
- IV Mathematics** **3 hours**
Select one course listed below:
 A. MATH 1010 - Mathematical Thought and Practice (3)
 B. MATH 1420 - Structure of Mathematical Systems (3)
 C. MATH 1530 - Elements of Statistics (3)
 D. MATH 1730 - Pre-Calculus (3)
 E. MATH 1810 - Elements of Calculus (3)
 F. MATH 1910 - Calculus and Analytic Geometry (3)
- VI Natural Sciences** **8 hours**
Select any two courses listed below:
 A. ASTR 1010 - Planetary Astronomy (4)
 B. ASTR 1020 - Stellar Astronomy (4)
 C. BIOL 1010 - Principles of Life (4)
 D. BIOL 1020 - Diversity of Life (4)
 E. BIOL 1040 - Human Biology (4)
 F. BIOL 2010 - Human Anatomy and Physiology I (4)
 G. BIOL 2020 - Human Anatomy and Physiology II (4)
 H. CHEM 1010 - Chemistry, Society, and the Environment I (4)
 I. CHEM 1020 - Chemistry, Society, and the Environment II (4)

- J. CHEM 1110 - General Chemistry I (5)
- K. CHEM 1120 - General Chemistry II (5)
- L. CHEM/PHYS 1710 - Introduction to Chemistry and Physics (4)
- M. GEOL 1040 - Physical Geology (4)
- N. GEOL 1050 - Historical Geology (4)
- O. PHYS 1010 - Conceptual Physics I (4)
- P. PHYS 1020 - Conceptual Physics II (4)
- Q. PHYS 2010 - College Physics, Algebra and Trigonometry (5)
- R. PHYS 2110 - University Physics I (Calculus-based) (5)
- S. PHYS 2120 - University Physics II (Calculus-based) (5)

V Social & Behavioral Sciences 6 hours

Select one course from each of two disciplines below:

- A. ECON 2010 - Principles of Macroeconomics (3)
- B. GEOG 1010 - Physical Geography (3)
- C. GEOG 1020 - Geography of the Developed World (3)
- D. GEOG 1030 - Geography of the Developing World (3)
- E. HHP 1250 - Wellness Concepts & Practices (3)
- F. HIST 1210 - World History I (3)
- G. HIST 1220 - World History II (3)
- H. ***POLS 2010 - American National Government (3)
- I. ***POLS 2040 - Introduction to Public Policy (3)
- J. ***POLS 2070 - International Politics (3)
- K. PSY 1010 - General Psychology (3)
- L. SOC 2010 - Introduction to Sociology (3)
- M. SOC 2050 - Social Problems (3)
- N. SOC 2500 - Cultural Anthropology (3)

* These courses are required of all students.

*** The Political Science rubric has been changed from PSCI to POLS.

MAJOR

See page 97.

MINOR

See page 98.

ELECTIVES

See specific academic program of study

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 75.

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 75.

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. **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.
2. **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.
3. **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 43.
4. **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 have only one course to complete in the Summer, or enrolled in courses that are completed during the Fort Campbell Spring II Term may participate in the May Commencement.
5. **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.
6. **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.
7. **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 of "C" or better. 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 distributed over several related fields or content areas with depth in one field or content area. (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:** The minor consisting of at least 18 semester hours of credit 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. **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 60 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.
5. **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.
6. **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 may 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.
7. **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.
8. **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 43.
9. **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.

10. **Earning Two Majors Under Different Degrees Simultaneously: Students who pursue double majors under different degree programs must comply with one of the following:**
- Before graduation, the student must complete a minimum of 150 hours of which 60 must be earned in courses numbered 3000 - 4999. Two degrees will be awarded.
 - The student may elect to change one major to a minor. One degree will be awarded.
11. **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) 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, (4) 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 below. These programs are designed to prepare the student to meet the minimum requirements for admission to a professional school. All curricula are generally designed to be acceptable to most professional schools. The student, however, should receive confirmation from the professional school whether each course is acceptable for its program and plan the preprofessional curriculum at APSU accordingly.

None of the 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
Engineering	Physics and 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 and 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 residence at APSU;
2. The candidate earns before transfer to the professional school sufficient credit to total 120 semester hours when combined with the credit earned during the first school year at the professional school;
3. Students needing clinical internship credit register on campus for a minimum of 15 hours of internship for those hospital programs generating 36 hours or less of credit applicable toward the degree in absentia. (enrollment for these units shall be approved by the APSU clinical education coordinator);
4. The candidate achieves an overall GPA of "C" (2.00) on all courses attempted before transfer to the professional school;
5. The candidate's completed program of study at APSU includes (a) the 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 if required by the major of not less than 12 semester hours, (c) not less than 24 semester hours earned in courses numbered 3000 or above, and (d) not less than 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 120 hours credit for the degree;
7. The professional school holds accreditation acceptable to APSU;
8. The student files an application for degree by the deadline as published in the University Calendar;
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
- 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
 - English as a Second Language
 - Noncredit & Customized Training
 - Regents Online Degree Program (RODP)
 - Tennessee Small Business Development Center
 - TRIO Programs
 - High School Upward Bound
 - Tri-County Upward Bound
 - Veterans Upward Bound
 - Student Support Services
 - Educational Opportunity Center
- First Year Experience
- Grants & Sponsored Programs
- Honors Programs
- International Studies
- Presidential Research Scholars Programs
- Servicemembers Opportunity Colleges (SOC)
- Study Abroad & 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

Programs in the College

African American Culture Center
African American Studies
Center for the Creative Arts
Honors Program
International Studies
Women's Studies

Areas of Instruction

Studio Art
Visual Communications
Art Education
Mass Communications
Public Relations
Journalism
Theatre – Theatre Education
History – History Education
Philosophy
English – English Education
Creative Writing – Professional Writing
Foreign Languages
French, Spanish, German
Music Performance, Music Education, Music Composition

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 and Secondary Physical Education

Elementary Education
 Special Education
 Foundations
 Health Care Management
 Literacy Science
 Management Information Systems
 Middle School and 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 and Astronomy
 School of Agriculture & 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
 Automotive Technology
 Computer Science Technology
 Construction Technology
 Corrections Management
 Culinary Arts

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
Computer Technology and Information Management*	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 & Fort Campbell

LISTING OF MINORS

Accounting	School of Business
African American Studies	Department of History and Philosophy
Agriculture	School of Agriculture and Geosciences
Art	Department of Art
Art History	Department of Art
Astronomy	Department of Physics and Astronomy
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 Communications and Theatre
Latin	Department of Languages and Literature
Latin American Studies	Department of Languages and Literature, History and Philosophy, and Political Science
Leadership Studies	School of Business
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

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.S.P.S.	Bachelor of Science in Professional Studies

For Associate Degree Programs of Study, see page 319.

ACADEMIC ABBREVIATIONS

	<u>Page</u>
AAST African American Studies	101
ACCT Accounting	124
AGRI Agriculture	103
ART Art	108
ASTR Astronomy	271
AT* Automotive Technology	342
BIOL Biology	115
BLAW Business Law	127
CA* Culinary Arts	338
CHEM Chemistry	139
COMM Communication	145
COR* Corrections Management	333
CSCI Computer Science	162
CT* Construction Technology	344
CTIM* Computer Technology and Information Management	321
DSCI Decision Sciences	127
DSP Developmental Studies	170
EC Early Childhood	178
ECON Economics	128
EDUC Education	172
ENGL English	190
ENGT Engineering Technology	182
ET* Electronics Technology	350
FIN Finance	132
FREN French	197
FS* Food Service Technology	337
GB General Business	127
GEOG Geography	206
GEOL Geology	206
GERM German	198
GREK Greek	198
HHP Health and Human Performance	212
HIST History	222
INTS International Studies	229
LATN Latin	197
LDSP Leadership Studies	232

LEN*	Police Science and Administration	332
LING	Linguistics	203
MAED	Mathematics Education	233
MATH	Mathematics	233
MGT	Management	133
MIS	Management Information Systems	132
MKT	Marketing	134
MSL	Military Science Leadership (ROTC)	241
MT*	Management Technology	327
MUS	Music, Applied Music, and Individual Music Instruction	245
NURS	Nursing	260
PHED	Physical Education	216
PHIL	Philosophy	264
PHYS	Physics	267
PM	Public Management	299
POLS	Political Science	275
PSY	Psychology	294
PTMA	Professional Studies	290
QM	Quantitative Methods	139
RDG	Reading	180
SCI	Science	181
SOC	Sociology	311
SPAN	Spanish	197
SPED	Special Education	174
SW	Social Work	306
THEA	Theatre	150
WS	Women's Studies	315
WT*	Welding Technology	345

* For courses offered only at APSU Center at Fort Campbell (see Fort Campbell section, page 317).

ACCOUNTING CONCENTRATION

See Business, page 124.

ACADEMIC SUPPORT

Academic Affairs

Director: H. McQueen

APSU 1000 - Liberal Arts in University Life (1)

An interdisciplinary course which provides students with the foundations for a successful university experience by integrating an introduction to the liberal arts with an orientation to APSU expectations. Emphasis is given to the meaning, values, and goals of a liberal education as students engage in academic and career planning, use the tools for information literacy, develop good academic habits, and become involved in campus life. All students who enter APSU with fewer than 12 hours credit earned in a college or university must enroll and remain in APSU 1000 during their first semester or until a passing grade is received.

AFRICAN AMERICAN STUDIES MINOR (18 HOURS)

Department of History and Philosophy

College of Arts and Letters

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

Required Courses

A revised set of standard requirements for the African American Studies Minor will be published in the 2005-2006 Bulletin. Until that Bulletin please consult with the Dean of the College of Arts and Letters for minor requirements. Eighteen semester hours are required for the minor. Seventeen courses approved by the Dean. Acceptable courses for the minor appear below.

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, POLS 3160, POLS 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, D213

Phone: 931-221-7272

Website: 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 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; 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**

Freshman Year	Cr	Sophomore Year	Cr
AGRI 1000, 1310, 1410, 2500	11	ACCT 2010	3
BIOL 1010	4	AGRI 2210, 3500	7
COMM 1010	3	ECON 2010	3
APSU 1000	1	ENGL 2300	3
ENGL 1010, 1020	6	GEOG 1010	3
GEOL 1040	4	CHEM 1010, 1020	8
Total Hours	29	MATH 1530 (or option)	3
		Total Hours	30
Junior Year	Cr	Senior Year	Cr
AGRI 4010, 4020	2	AGRI 4430, 4500	7
AGRI Electives	15	BLAW 3300	3
HIST 2010, 2020	6	FIN 3010 or MGT 3610 or MKT 3210	3
Humanities Core	6	MGT 3010	3
MKT 3010	3	Electives	13
Total Hours	32	Total Hours	29

AGRI-COMMUNICATIONS CONCENTRATION

Freshman Year		Cr	Sophomore Year		Cr
AGRI 1000, 1310, 1410		8	AGRI 2210, 3500, 4010, 4020		9
COMM 1010		3	COMM 1400, 2000		6
APSU 1000		1	ECON 2010		3
BIOL 1010		4	ENGL 1110, 2300		6
ENGL 1010, 1020		6	HIST 2010, 2020		6
GEOG 1010		3			
ART 2090		3			
Total Hours		28	Total Hours		30
Junior Year		Cr	Senior Year		Cr
AGRI Electives		18	AGRI 4430, 4500		7
CHEM 1010		4	COMM 3200, 4150		6
Humanities Core		6	COMM (Broadcasting Elective)		3
MATH 1530 (or option)		3	Electives		15
Total Hours		31	Total Hours		31

AGRI-SCIENCE CONCENTRATION

Freshman Year		Cr	Sophomore Year		Cr
AGRI 1000, 1310, 1410		8	AGRI 2210, 3500		7
BIOL 1010		4	ECON 2010		3
COMM 1010		3	HIST 2010, 2020		6
APSU 1000		1	MATH 1530 (or option)		3
ENGL 1010, 1020		6	CHEM 1110, 1120		10
GEOL 1040		4			
GEOG 1010		3			
Total Hours		29	Total Hours		29
Junior Year		Cr	Senior Year		Cr
AGRI 3220, 3420, 4010, 4020		8	AGRI 3310, 4420, 4430, 4500		13
AGRI Electives		10	Electives		8
ENGL 2030,		3	Humanities Core		6
Electives		10	CHEM 3500		4
Total Hours		31	Total Hours		31

COURSE DESCRIPTIONS

AGRI 1000 Survey of Agriculture (1)

Agricultural institutions and career opportunities and agriculture's ability to meet the food and fiber needs of society.

AGRI 1310 Animal Science (3)

Importance and role of nutrition, physiology, breeding, selection and management in animal production. Emphasis is placed on domestic farm animals.

AGRI 1410 Plant Science - Three hours lecture, two hours laboratory (4)

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)

Prerequisite: Sophomore standing

Soil types, formation, chemical and physical composition, colloids, moisture, conservation, fertility, and classification.

AGRI 2310 Animal Management Practices (3)

Prerequisite: AGRI 1310 or permission of instructor

Livestock management and practices performed on a routine basis. Emphasis placed on restraints, working facilities, physical procedures performed, and humane treatment of animals.

AGRI 2410 Fruit and Vegetable Production - 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)

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 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 3380 Companion Animal Management (3)

Prerequisite: *Sophomore standing*

Study of animals bred and maintained for man's amusement and companionship - including principles of nutrition, physiology, breeding, training, and economic impact.

AGRI 3400 Ornamental Gardening (3)

Prerequisite: *Sophomore standing*

Design, planting, culture, and maintenance of herbaceous ornamental plants including annuals, biennials, perennials, bulbs, herbs, and wildflowers.

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 Forage Crops (3)

Prerequisite: AGRI 1410 *or permission of instructor*

Distribution, structure and growth, improvement, culture, harvesting, identification of forage crops adapted to this region.

AGRI 3430 Applied Weed Science (3)

Prerequisite: AGRI 1410 *or permission of instructor*

Characteristics, importance, and identification of prominent weed species, integrative weed management concepts.

AGRI 3500 Agriculture Economics (3) 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 4230 Land Use (3)

Prerequisite: Sophomore standing

Use of land for agriculture, industry, recreation, urbanization, etc; environmental concerns, regional planning, use of soil surveys, and factors in decision-making.

AGRI 4310 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 and Grain Crops (3)

Prerequisite: Sophomore standing

Origin, history, classification, uses, and cultural practices of tobacco, wheat, corn, soybeans.

AGRI 4420 Forestry - Two hours lecture, two hours laboratory (3)

Prerequisite: Sophomore standing

Introduction to forestry, reforestation, mensuration, harvesting, utilization, and wildlife conservation.

AGRI 4430 Genetics of Crops and Livestock (3)

Prerequisites: AGRI 1310, 1410 or permission of instructor

Mechanisms of heredity including Mendelian Principles, linkage, gene action, hybrids, mutation, and lethal genes with application to modern systems of breeding used in crops and livestock.

AGRI 4440 Plant Pathology (3)

Prerequisite: Junior standing or permission of instructor

Identification, nature, and control of diseases of agricultural and garden crops. Control measures include chemical, biological, and cultural means.

AGRI 4500 Farm Planning and Management - Three hours lecture, two hours laboratory (4)

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

Department of 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, 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 four 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, 1040, 1070, 2010, 2020, 3140, 3150, 3160, plus twelve hours of studio art electives and six hours of art history electives (although it is strongly advised that a student take more than four studio courses to develop expertise in at least one of the visual arts); and, 3) Professional Education minor. ART 1070 and ART 3140, 3150 substitutes for EDUC 4270 respectively. 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. 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 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. (78 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.

ART MAJOR: VISUAL COMMUNICATIONS CONCENTRATION FOR B.F.A. (78 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. Two introduction studio courses must be selected from the following areas (each course must be selected from a different area); ceramics (2050 or 3450), drawing (3340), painting (2040), printmaking (2030, 3430, or 3530), or sculpture (2070). Students must choose a concentration (A or B) below:

- A. **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: 2560, 3430, 4080, 4090, 410x, 4190 or 4310.
- B. **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: 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.

Freshman Year	Cr	Sophomore Year	Cr
ART 1010, 1020, 1040, 1050	12	ART 2010, 2020	6
ART 1070 (Computer Literacy)	3	ART (Introductory Studio)	12
ENGL 1010, 1020	6	COMM 1010*	3
PSY 1210*	3	ENGL 2030	3
MATH Core*	3	SCI Core*	8
MUS 1030*	3		
APSU 1000	1		
Total Hours	31	Total Hours	32
Junior Year	Cr	Senior Year	Cr
ART (Upper Division Art History)	6	ART 4150, 4160	6
ART (Upper Division Studio)	15	ART (Upper Division Studio)	12
HIST Core	6	SOC SCI Core*	3
THEA 1030*	3		
Total Hours	30	Total Hours	27

*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.

ART 1050 Drawing II (3)

Prerequisites: ART 1010, 1040

Drawing the human form and study of anatomy in composition.

ART 1070 Electronic Imaging (3)

The use of MacIntosh computer hardware and software as a visual arts tool.

ART 2010 Art History, Survey I (3)

A history of the visual arts, from cultures throughout the world from prehistory to 1300 A.D., that examines works of art within their social, political, economic, religious, technological, and philosophical contexts.

ART 2020 Art History, Survey II (3)

A history of the visual arts, from cultures throughout the world from 13th to 20th centuries, that examines works of art within their social, political, economic, religious, technological, and philosophical contexts.

ART 2030 Printmaking I (3)

Prerequisites: ART 1010, 1040

Study of relief and intaglio printmaking techniques with experiences in intaglio, metal plate dry point, relief, and calligraphic techniques.

ART 2040 Painting I (3)

Prerequisites: ART 1010, 1040

The fundamentals of pictorial composition with emphasis on individual creative expression. An investigation of material and techniques in oil and polymer painting.

ART 2050 Pottery, Ceramics I (3)

Use of slab, coil, pinch, modeling, and introduction to wheel construction methods of forming ceramic vessels. Glazes and surface decoration are included.

ART 2070 Sculpture I (3)

Prerequisites: ART 1020, 1040

Introduction to sculptural techniques and materials. Included are modeling, carving, construction, and casting.

ART 2090 Photography I (3)

Introduction to creative black and white photography with small-format camera. Introduction to development of film, camera use, and darkroom procedure. Students must have access to camera.

ART 2320 Graphic Design I (3)

Prerequisites: ART 1010, 1040

Graphic design fundamentals and layout techniques, design of comprehensives, commercial craftsmanship, and image making.

ART 2520 Typography (3)

Prerequisites: ART 1010, 1040

An introduction to basic layout with type, type design, study of styles, and history of typography.

ART 3080 Illustration I (3)

Prerequisites: ART 1010, 1040, 2320 *or permission of instructor*

Exploring the invention of images related to visual communications and illustration techniques. Emphasis will be placed on research, conceptualization, and visualization processes as they relate to graphic design.

ART 3110 Prepress Production (3)

Prerequisite: ART 2320

An introduction to methods of preparing design for commercial printing, using macintosh systems and software. Topics include document and image preparation, printing presses, separation, etc.

ART 3140 Art Education I (3)

Concepts of art education in public school programs, laboratory experiments in media and techniques, and child development and learning based on visual experiences. Methods of teaching at elementary grade level.

ART 3150 Art Education II (3)

Prerequisite: ART 3140

Study of the nature and practice of the art specialist in the teacher-learning situation. Planning educational objective, units for learning, methods of evaluation and administration of art programs in public schools. Includes 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, 2020

Study of major developments in European and American painting, sculpture, and architecture from the French Revolution to the end of WWII.

ART 3230 Art History, Contemporary (3)

Prerequisites: ART 2010, 2020

Historical precedents and methods of criticism will be used as criteria for study of images from the 1960s to the present.

ART 3240 Art History, History of Photography (3)

A study of the invention and development of photographic processes and styles from a socio-historical stance for an understanding of photography's place in history, art history, and the history of communication.

ART 324x Art History, Special Topics (3)

Prerequisites: ART 2010, 2020 or permission of the instructor

An in-depth study of selected topics in the history of art, including specific artists, stylistic movements, methodology, and/or art criticism. Topics to be announced. May earn up to a total of six hours of 324x courses.

ART 3270 History of Graphic Design (3)

Prerequisites: ART 2010, 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, 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, 1040

Use of clay bodies to construct sculpture forms utilizing slab, modeling, coil, cast, thrown, extruded or experimental forming techniques to make creative statements in sculpture.

ART 3530 Printmaking III (3)

Prerequisites: ART 1010, 1040

Printmaking forms in both traditional methods and new techniques, including photolithography, collography, and monitoring.

ART 3540 Drawing IV, Thematic Development Drawing (3)

Prerequisites: ART 2010, 2020, 3340

An advanced drawing course in which students develop and explore self-directed serial imagery, and examine their work in both an historical and contemporary critical context.

ART 3550 Glazes and Surface Design (3)

Prerequisite: ART 2050

Advanced experimentation in design and creation of surface effects and coatings on fired ceramic objects, especially glaze formulating.

ART 3560 Painting, Watercolor I (3)

Prerequisites: ART 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, Senior Seminar (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, Senior Thesis (3)

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), Barrass, Baskauf, Bath, Burton, Dailey, Finley, Hamilton, Lebckuecher, Lundin-Schiller, Mayo, R. McCoy, Noel, Robison, Schiller, Scott, C. Taylor, J. Thompson, C. Wallace

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: ten hours of General Chemistry (CHEM 1110 and 1120).

SUGGESTED PROGRAM OF STUDY FOR THE BIOLOGY MAJOR

Freshman Year	Cr	Sophomore Year	Cr
BIOL 1110, 3050	8	BIOL 3060, 3070	8
CHEM 1110/1111, 1120/1121	10	Core & Elective Courses*	21
Core & Elective Courses*	12		
APSU 1000	1		
Total Hours	31	Total Hours	29
Junior Year	Cr	Senior Year	Cr
BIOL4080, 4110 or 4120, 4130	12	BIOL 4440	4
Core & Elective Courses*	18	BIOL Electives	4
		Core & Elective Courses*	22
Total Hours	30	Total Hours	30

*Student, with input from their academic advisor, selects course to fulfill general education core requirements. The degree requires 120 hours of which 39 hours must be taken as upper division (3000-4999) hours.

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).

SUGGESTED PROGRAM OF STUDY FOR THE BIOLOGY DISTRIBUTIVE MAJOR

Freshman Year	Cr	Sophomore Year	Cr
BIOL 1110, 3050	8	BIOL 3060, 3070	8
CHEM 1110/1111, 1120/1121	10	PHYS 2010, 2020 or	10
Core Courses*	12	GEOL 1040, 1050 or	8
APSU 1000	1	CHEM (Upper Division)	8
		Core Courses*	12-14
Total Hours	31	Total Hours	30
Junior Year	Cr	Senior Year	Cr
BIOL 3330 or 4130	4	BIOL 4050 or 4080 or 4350	4
PHYS 2010, 2020 or	10	BIOL 4110 or 4120 or 4440	4
GEOL 1040, 1050 or	8	Core Courses*	21
CHEM (Upper Division)	8		
Core Courses*	12-14		
Total Hours	30	Total Hours	29

***Student, with input from their academic advisor, selects course to fulfill general education core requirements. The degree requires 120 hours of which 39 hours must be taken as upper division (3000-4999) hours.**

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 will be obtained. 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]) or PHYS 1010 and 1020; 8 hours Geology (GEOL 1040 [Physical Geology] and GEOL 1050 [Historical Geology]).

Any core math option will satisfy major, but MATH 1530 (Statistics) is recommended.

SUGGESTED PROGRAM OF STUDY FOR THE BIOLOGY TEACHING MAJOR

Freshman Year	Cr	Sophomore Year	Cr
BIOL 1110, 3060	8	ASTR 1210 or 1220	4
CHEM 1010, 1020 or 1110, 1120	8/10	BIOL 3070, 4080	8
EDUC 2100	2	CHEM/PHYS 1710	4
APSU 1000	1	Core Courses	3
Core Courses	9	EDUC 3040	3
		GEOL 1040, 1050*	8
		SPED 3000	3
Total Hours	28/30	Total Hours	33
Junior Year	Cr	Senior Year	Cr
BIOL 3050 or 4130	4	BIOL 4440	4
BIOL 4110 or 4120	4	Core Courses	6
BIOL 4400	3	EDUC 4270	3
Core Courses	15	EDUC 4XXX (Student Teaching)	12
EDUC 4080, 4160	6	PSY 3130	3
PSY 3200	3		
Total Hours	35	Total Hours	28

Program contains 124 hours (60 upper division); *GEOL courses fulfill core science requirements; Students may take PHYS 1010 and 1020 as a physics option.

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 20235; minimum score of 148) 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: ten 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)

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 1040 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 1040 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 - Three hours lecture, three hours laboratory (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 or 2020

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 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 4020 Biological Sciences and Geographic Information Systems - Four hours lecture (4)

Prerequisite: BIOL 1110 or equivalent, and/or permission of instructor

Students in the biological sciences shall learn the functionality of geographic information systems and spatial analysis related to epidemiological and population dynamics. They will learn the integration of computer plotting, site investigative mapping, and analysis of geo-positioning satellite information from the application of real-time case studies of research problems in the biological sciences.

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 4070 Animal Behavior - Four hours lecture (4)

Prerequisite: BIOL 1110 or equivalent and one upper division Biology course

The course will instruct the student in major topics of animal behavior. The instructional material will focus on the three main areas of animal behavior research, categories of animal behavior, evolution of animal behavior, and neuro-analysis of animal behavior.

BIOL 4080 General Ecology - Three hours lecture, three hours 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, 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 senior status or permission of instructor

Statistical methods in biological research. Basic descriptive and inferential statistics, frequency distributions and analyses, analysis of variance, linear regression, correlation, 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, 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 including BIOL 1110

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 or 2020

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 1110 or 2020, CHEM 1110

The molecular and cellular aspects of human physiology as they relate to the regulation of homeostasis, cellular metabolism, the nervous system, muscle, cardiovascular, respiratory, renal, gastrointestinal, and endocrine systems. BIOL 4160 does not fulfill the physiology requirement for the Biology majors or minor.

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, 4730, 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, 4730, 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 including 1110 or 2020 and one eight-hour Chemistry series or permission of instructor

The fundamental role of macromolecules and cell ultra structure in mediating such cellular activities as permeability, excitability, secretion, cell-cell communications, and energy transduction. The function of the cell at the molecular level is emphasized.

BIOL 4450 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, 4940, 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)

Prerequisite: Senior status or permission of instructor

An investigation of the diversity of aquatic macroinvertebrates through the study of the taxonomy, morphology, development, ecology and evolution of selected taxa. Emphasis on freshwater forms of Southeastern U.S.

BIOL 4600 Parasitology - Three hour lecture, three hours laboratory (4)

Prerequisites: Eight hours of Biology including 1110 or 2020 or permission of instructor

A survey of the parasitic protozoans, helminths, and arthropods affecting man and other animals. Emphasis is placed on morphology, life-cycles, host- parasite relationships, methods of reproduction, transmission, and control.

BIOL 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, 4910, 3940, 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: Dr. Phil Moery, Director

Location: Kimbrough 104

Phone: 931-221-7674

Website: www.apsu.edu/business

Students majoring in Business will receive the Bachelor of Business Administration degree. Admission requirements for the B.B.A. program are listed on page 74.

BUSINESS REQUIREMENTS (120 HOURS)**1. The University B.B.A. Liberal Arts Core (41 hours)**

All concentrations must include MATH 1530, ECON 2010, and COMM 1010. See pages 88-99 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 (39 hours)

ACCT 2010, 2020; BLAW 3300; DSCI 3410, 3500; ECON 2020; FIN 3010; MGT 3010, 4810; MKT 3010; MIS 4100; QM 3110; and select one from ACCT 3510, ECON 4610, FIN 3510, MGT 4110, MKT 3410.

4. ELECTIVE COURSES (10-22 hours)

Accounting	(10 hours)	General Business	(16 hours)
Economics	(22 hours)	Management	(22 hours)
Finance	(16 hours)	Marketing	(19 hours)

5. OTHER REQUIREMENTS

- Minimum 51 hours of coursework must be taken outside the College of Business;
- Minimum 39 upper-division hours;
- Minimum 2.0 GPA in the following: cumulative GPA courses taken at APSU, courses in major, and courses in minor; and,
- The ETS Field Test in Business taken during the last semester of the senior year.

ACCOUNTING

School of Business

College of Professional Programs and Social Sciences

Baggett, Clark, 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 (120 Hours)

1. The University B.B.A. Liberal Arts core¹ (41 hours)
2. The School of Business core¹ (39 hours)
3. ACCT 3010, 3020, 3110, 3210, 3710, 4210, 4310, 4510, and six 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 (10 hours)

¹See Business Requirements

SUGGESTED PROGRAM OF STUDY IN ACCOUNTING

Courses marked with (*) are suggested, other options exist for fulfilling this requirement. See Liberal Arts Core for options.

Freshman Year	Cr	Sophomore Year	Cr
COMM 1010	3	ACCT 2010, 2020	6
Electives	6	ART 1030 *	3
ENGL 1010, 1020	6	ECON 2010, 2020	6
HIST 2010, 2020	6	ENGL 2030	3
APSU 1000	1	QM 3110	3
MATH 1530	3	SCI + Lab*	8
MUS 1030*	3	SOC SCI Elective	3
Total Hours	28	Total Hours	32

Junior Year	Cr	Senior Year	Cr
ACCT 3010, 3020, 3110, 3210	12	ACCT 3410, 3510, 3710, 4210, 4310, 4510	18
BLAW 3300	3	Electives* (non-business)	6
DSCI 3410, 3500	6	MGT 4810	3
FIN 3010	3	MIS 4100	3
MGT 3010	3		
MKT 3010	3		
Total Hours	30	Total Hours	30

Accounting Concentration Requirements (150 Hours)

CPA Exam Preparation

1. The University B.B.A. Liberal Arts core¹ (41 Hours).
2. The School of Business core¹ (39 Hours).
3. ACCT 3010, 3020, 3110, 3210, 3710, 4210, 4310, 4510, and six 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 (10 Hours).

¹See 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 (15 hours).

ACCOUNTING MINOR (21 HOURS)

ACCT 2010, 2020, 3010, 3020, and nine hours of accounting electives approved by their advisor.

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 creation of accounting information and its use as the basis for managerial decision making.

ACCT 3010 Intermediate Accounting I (3)

Prerequisites: ACCT 2010, 2020 with a minimum grade of "C" in both; *Junior standing; Business majors must also meet the BBA admission requirement*

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, 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, *Computer Literacy, 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 such as: hospitals, universities, 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, *Computer Literacy, Junior Standing; Business majors must also meet the BBA admissions requirements*

Accounting information systems including data/ information handling, concepts, practices, professional ethics, and internal controls. Students are required to complete manual and computerized accounting information systems projects, research and prepare a written report, and make a presentation using multi-media technology.

ACCT 4210 Auditing (3)

Prerequisites: ACCT 3020, 3210, 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

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.

Economics Concentration Requirements (120 Hours)

1. The University B.B.A. Liberal Arts core I (41 Hours)
2. The School of Business core¹ (39 Hours)
3. ECON 3010, 3020 or 3220, and four upper division elective courses in ECON (18 Hours)
4. Electives (22 Hours)

¹See Business Requirements

SUGGESTED PROGRAM OF STUDY IN ECONOMICS

Courses marked with (*) are suggested, other options exist for fulfilling this requirement. See Liberal Arts Core for options.

Freshman Year	Cr	Sophomore Year	Cr
COMM 1010	3	ACCT 2010, 2020	6
ENGL 1010, 1020	6	ART 1030*	3
Electives	6	ECON 2010, 2020	6
APSU 1000	1	ENGL 2030	3
MATH 1530	3	HIST 2010, 2020	6
MUS 1030*	3	QM 3110	3
SCI + Lab*	8	SOC SCI Elective	3
Total Hours	30	Total Hours	30

Junior Year	Cr	Senior Year	Cr
BLAW 3300	3	ECON 3020, 4410, 4610	9
DSCI 3410, 3500	6	Electives	9
ECON 3010, 3220, 4310	9	Electives (Upper Level)	6
FIN 3010	3	MGT 4810	3
MGT 3010	3	MIS 4100	3
MKT 3010	3		
Elective	3		
Total Hours	30	Total Hours	30

ECONOMICS MINOR (24 HOURS)

ECON 2010, 2020, 3010, 3020, 3220, QM 3110 and six 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 (120 Hours)

1. The University B.B.A. Liberal Arts core¹ (41 hours)
2. The School of Business core¹ (39 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 (19 hours)

¹See Business Requirements

SUGGESTED PROGRAM OF STUDY IN GENERAL BUSINESS

Courses marked with (*) are suggested, other options exist for fulfilling this requirement. See Liberal Arts Core for options.

Freshman Year	Cr	Sophomore Year	Cr
COMM 1010	3	ACCT 2010, 2020	6
Electives	6	ART 1030*	3
ENGL 1010, 1020	6	ECON 2010, 2020	6
APSU 1000	1	ENGL 2030	3
MATH 1530	3	HIST 2010, 2020	6
MUS 1030*	3	QM 3110	3
SCI + Lab*	8	SOC SCI Elective	3
Total Hours	30	Total Hours	30

Junior Year	Cr	Senior Year	Cr
ACCT 3000, 3210	6	BLAW 3220	3
BLAW 3300	3	Electives	9
DSCI 3410, 3500	6	FIN 4010	3
ECON 3020	3	International BUS Elective	3
Elective	3	MGT 3110, 3610, 4810	9
FIN 3010	3	MIS 4100	3
MGT 3010	3		
MKT 3010	3		
Total Hours	30	Total Hours	30

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)**

Prerequisite: Admission to the BBA Program

A study of the legal right and potential liabilities of business people. Included is an introduction to the nature of the legal system, the basic law contracts, the uniform commercial code (sales, commercial paper, secured, transactions), bankruptcy, and agency.

BLAW 3220 Business Law II (3)

Prerequisite: Admission to the BBA Program

A study of the legal rights and potential liabilities of business people. Included are the basic legal principles of agency, partnerships, corporations, securities, personal property and bailment, real property, environmental controls, and estates and trusts.

BLAW 3300 Social, Legal, and Political Environment of Business (3)

Prerequisite: Admission to the BBA Program

Presentation of law of an expanding social, legal, and political institution, the development and nature of the legal system; business crimes; the law of torts, constitutional limitations of regulatory powers; legislative, judicial, and administrative control of business activity through tax laws, antitrust laws, laws of employment, labor laws, and consumer and debtor protection laws.

DECISION SCIENCES**DSCI 3410 Production Operations Management (3)**

(Cross listed with ENGT 3610)

Prerequisites: MATH 1530, 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)

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)

(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)

(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)

(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)**

Introduction to current economic events; relates current happenings to past events to understand the basic economic forces that influence our system.

ECON 2010 Principles of Macroeconomics (3)

Principles of pricing, stabilization, and growth in a modern capitalist economy, supply and demand, employment theory and fiscal policy banking systems and monetary policy, economic growth, and fundamentals of the international economy.

ECON 2020 Principles of Microeconomics (3)

ECON 2010 is recommended

Principles of the economics of the firm, pricing of resources, production and costs, firm behavior in alternative markets, and analysis of current economic problems.

ECON 3010 Intermediate Microeconomics (3)

Prerequisite: ECON 2020

Concepts of value and distribution under alternative market condition, elasticity, allocation of resources and price determination, analysis of consumption, and marginal utility.

ECON 3020 Intermediate Macroeconomics (3)

Prerequisite: ECON 2010

Macroeconomic problems of inflation and unemployment, statistics (GDP and the Consumer Price Index) and theory (Classical, Keynesian, and Monetarist views), and public policies.

ECON 3210 Money And Banking (3)

Prerequisite: ECON 2010

The nature and function of money, organization and operation of monetary and financial systems, determinants of money supply and demand, the conduct of monetary policy and its impact on employment, income and price level.

ECON 3220 Managerial Economics (3)

Prerequisite: ECON 2010

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)

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)

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)

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)

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)

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)

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)**

Business environment, economics and legal foundations of business, human resources, marketing operations, and financial functions of domestic and global business.

GB 3010 e-Commerce Basics I (3)

A look at tools and technologies needed for Electronic Commerce. Business opportunities, challenges, and strategies for use of the Internet will be explored. Strategies and vision on the national and global information infrastructure will be discussed. A live website (personal first, then a business) and database beginnings for ordering capabilities will be individually built. Impacts of the electronic market, changes in company missions, security issues and other related topics are covered.

GB 3020 e-Commerce Basics II (3)

Continuation of GB3010; including advanced web site development database design. Shopping cart-type entry data input for order pick sheets and customer invoicing. Development of e-commerce site documentation. Advanced course designed to provide a current state of the internet, origin and growth of e-commerce, differences and similarities between e-commerce and traditional commerce, and the relationship of e-commerce to the internet.

GB 3700 e-Commerce Shipping Cycles (3)

This course builds on GB 3010 and 3020, developing the shipping cycles from form entry through delivery to the customer. Warehousing, distribution and construct of pick sheets, invoices and inventory control, as well as resource allocations, including labor are studied.

GB 3900 Internship (3)

Prerequisites: Junior standing and permission of the School of Business Internship Coordinator

Designed to provide academic credit for relevant and meaningful managerial and professional employment experience in preparation for managerial positions. Term Paper and satisfactory evaluation by employer required for credit. Pass/Fail grading.

MANAGEMENT INFORMATION SYSTEMS**MIS 1200 Business Information Technology (3)**

Use of computers to solve business problems and hands-on experience with computer hardware and system and analytical software applications.

MIS 4100 Management Information Systems (3)

Prerequisite: Admission to the BBA program

Course focuses on the management and effective use of information resources by organizations and individuals in support of decision making. Topics include data communications, system specification and purchase, system development and documentation, and the effects of technological change on individuals and organizations.

FINANCE, MANAGEMENT AND MARKETING**School of Business**

Anderson, Baker, Clark, Newport, Phillips, Reagan, Richards, Taylor, Volker

Website: 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 (120 Hours)

1. The University B.B.A. Liberal Arts core¹ (41 hours)
2. The School of Business core¹ (39 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. Electives² (16 hours)

¹ See Business Requirements

² Three hours of non-business or upper division ECON must be selected if ECON is not selected in #4.

SUGGESTED PROGRAM OF STUDY IN FINANCE

Courses marked with (*) are suggested, other options exist for fulfilling this requirement. See Liberal Arts Core for options.

Freshman Year	Cr	Sophomore Year	Cr
COMM 1010	3	ACCT 2010, 2020	6
Electives	6	ART 1030*	3
ENGL 1010, 1020	6	ECON 2010, 2020	6
HIST 2010, 2020	6	ENGL 2030	3
APSU 1000	1	QM 3110	3
MATH 1530	3	SCI + Lab*	8
MUS 1030*	3	SOC SCI Elective	3
Total Hours	28	Total Hours	32
Junior Year	Cr	Senior Year	Cr
ACCT 3210	3	Electives*	9
BLAW 3300	3	FIN 4010, 4210, 4400	9
DSCI 3410, 3500	6	INTERNATIONAL BUS Elective	3
Elective	3	MGT 3610, 4810	3
FIN 3010, 3310, 4310	9	MIS 4100	3
MGT 3010	3	MKT 3310	3
MKT 3010	3		
Total Hours	30	Total Hours	30

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 (120 Hours)

1. The University B.B.A. Liberal Arts core¹ (41 hours)
2. The School of Business core¹ (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) Electives² (22 hours)

¹ See Business Requirements

² Three hours of non-business or upper division ECON must be selected if ECON is not selected in #4

SUGGESTED PROGRAM OF STUDY IN MANAGEMENT

Courses marked with (*) are suggested, other options exist for fulfilling this requirement. See Liberal Arts Core for options.

Freshman Year	Cr	Sophomore Year	Cr
COMM 1010	3	ACCT 2010, 2020	6
Electives	6	ART 1030*	3
ENGL 1010, 1020	6	ECON 2010, 2020	6
HIST 2010, 2020	6	ENGL 2030	3
APSU 1000	1	QM 3110	3
MATH 1530	3	SCI + Lab*	8
MUS 1030*	3	SOC SCI Elective	3
Total Hours	28	Total Hours	32
Junior Year	Cr	Senior Year	Cr
BLAW 3300	3	Electives	12
DSCI 3410, 3500	6	MGT 3110, 3210, 3610, 4110, 4810	15
Elective	3	MIS 4100	3
Elective (Upper Level)	3		
FIN 3010	3		
MGT 3010	3		
MKT 3010, 3310, 3710	9		
Total Hours	30	Total Hours	30

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 (120 Hours)

1. The University B.B.A. Liberal Arts core¹ (41 hours)
2. The School of Business core¹ (39 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 (19 hours)

¹See Business Requirements

SUGGESTED PROGRAM OF STUDY IN MARKETING

Courses marked with (*) are suggested, other options exist for fulfilling this requirement. See Liberal Arts Core for options.

Freshman Year	Cr	Sophomore Year	Cr
COMM 1010	3	ACCT 2010, 2020	6
Electives	6	ART 1030*	3
ENGL 1010, 1020	6	ECON 2010, 2020	6
HIST 2010, 2020	6	ENGL 2030	3
APSU 1000	1	QM 3110	3
MATH 1530	3	SCI + Lab*	8
MUS 1030*	3	SOC SCI Elective	3
Total Hours	28	Total Hours	32
Junior Year	Cr	Senior Year	Cr
BLAW 3300	3	Electives	12
DSCI 3410, 3500	6	MGT 4810	3
Elective	3	MKT 3210, 4310, 4450, 4800	12
FIN 3010	3	MIS 4100	3
MGT 3010	3		
MKT 3010, 3410, 3510	9		
MKT 3310 or 3710 or 4150	3		
Total Hours	30	Total Hours	30

MARKETING MINOR (18 Hours)

ACCT 2010; ECON 2010; MKT 3010, 3210, 4310; and three hours from MKT 3110, 3310, 3410, 3510, 3710, 4000, 4150, 4450, 4800.

COURSE DESCRIPTIONS

FINANCE

FIN 1000 Personal Finance (3)

An examination of consumer financing including budgeting, planning, taxes, credit, housing, insurance, investing, and retirement plans.

FIN 3010 Principles of Finance (3)

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)

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)

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)

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)

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)

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)

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)

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 3000 The Evolution of Management Thought (3)**

The development of management theories and practices during the twentieth century. Emphasis will be placed on developing an understanding of the primary management schools of thought and their impact upon the modern workplace. The influence of societal forces and world events on the evolution of management thought and principles will also be examined.

MGT 3010 Principles of Management And Organizational Behavior (3)

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)

Prerequisite: MGT 3010

An analysis of individual, interpersonal, and group behavior within organizations, as well as the interplay of human, technological, structural, cultural, and environmental factors for the purpose of relating them to the practice of management.

MGT 3210 Human Resource Management (3)

Prerequisite: MGT 3010

The staffing function of the organization, including the processes and legal issues of recruitment, selection, training, development, compensation, safety, health, performance appraisal, and retention of personnel.

MGT 3610 Entrepreneurship (3)

Prerequisite: MGT 3010

An in-depth study of the entrepreneurial process. Through the development of a business plan and financial projections, the student will gain an understanding of the entrepreneurial process which is critical to success in the small business sector. Emphasis will be placed upon the start-up and the knowledge required in management, finance, and marketing to insure success in a new venture. The impact of technology and the global and diverse workforce will be examined.

MGT 4000 Issues in Free Enterprise (3)

Prerequisite: Junior standing or admission to the BBA program

Special topics in the area of free enterprise; topics may vary from time to time according to the specialty of the Chair of Excellence in Free Enterprise.

MGT 4110 International Management (3)

Prerequisites: MGT 3010, Junior standing

A critical investigation of cultural aspects of living and engaging in business in non-U.S. locations. Major topics include individual and group behavior within the cultures, environments, and infrastructures of various countries in which the increasing globalization of business enterprise requires sensitivity and adaptation of Americans in business. Term paper required.

MGT 4810 Strategic Management (3)

Prerequisites: Senior standing and completion of BLAW 3300, MGT 3010, MKT 3010, FIN 3010, QM 3110

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)

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)**

Prerequisites: Junior standing; Business majors must also meet the BBA admission requirement

A critical survey of functions, principles, processes, institutions, and trends involved in the process of organized exchange. The strategic manipulation of product, distribution price, and promotional variables is emphasized relative to identified market needs, market satisfaction, and product positioning. Relationship marketing is emphasized.

MKT 3110 Salesmanship (3)

Prerequisite: MKT 3010

An in-depth examination and study of the selling process. Both the theory and practical applications of selling skills will be examined and discussed. The student will have the opportunity to learn the basic skills of prospecting, developing a sales presentation, trial closes, overcoming objections, and closing. The skills learned will be applied by making a sales presentation.

MKT 3210 Retailing Management (3)

Prerequisite: MKT 3010

A study of the development and present status of the retailing structure with emphasis on unit location, organization, operation, management, display, traffic flow, inventory control, distribution, and evaluation from a marketing perspective. A retail project or simulation is required.

MKT 3310 Sales Management (3)

Prerequisite: MKT 3010

A study of the tasks and functions of the sales manager. Emphasis will be placed upon recruiting, training, motivating, and supervising a sales force. Textbook study and lectures will be supplemented by role playing in each of the emphasized areas. Students will also learn the skills necessary to develop sales forecasts, territory design, and territory management.

MKT 3410 International Marketing (3)

Prerequisite: MKT 3010

Study of managerial marketing policies and practices of firms marketing their products and services in foreign countries. An analytical survey of institutions, functions, policies, and practices in international marketing relative to the marketing structure and environment of foreign countries. A country study is required in paper form.

MKT 3510 Consumer And Market Behavior (3)

Prerequisite: MKT 3010

A critical study of market behavior and the social psychological aspect of the purchase act with application to marketing problems. Topics include models of consumer behavior learning, perception, attitude, personality, demographics, psychographic and their assessment relative to marketing communication. Social and cultural influences on market behavior and exchange are emphasized.

MKT 3710 Applications in Business Mapping (3)

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)

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)

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)

Prerequisite: MKT 3010

A critical evaluation of the promotional element in marketing communications relative to personal selling, advertising, sales promotion, and public relations activities. Strategic emphasis is placed on the development of the advertising plan, including objectives, budget, media selection and scheduling, creativity, and the evaluation of results via advertising research. A project is required.

MKT 4450 Marketing Research (3)

Prerequisites: MKT 3010, QM 3110

A critical study of the process, principles, and functions involved with the research process and product. Topics include research design, sampling, questionnaire design, statistical manipulation and inference, data collection, and research results preparation and presentation. Actual research projects are conducted and presented to the clients.

MKT 4800 Marketing Management (3)

Prerequisites: MKT 3010, 3210, 4310, 4450

The capstone course in marketing, emphasizing the strategic manipulation and integration of product, distribution, pricing, and promotional elements. Marketing policy is determined in a variety of product/service/marketing situations using appropriate projects, case studies, and simulations.

MKT 490A, B, C Special Problems in Marketing (1, 2, 3)

Prerequisites: MKT 3010, *Senior standing, 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)**

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)

Prerequisites: QM 2110 *or* MATH 1530

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, R. Jones, F. Matthews, Parker, R. Robertson

Location: Sundquist Science Complex, A308

Phone: 931-221-7626

Website: 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. 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).^{1,3}

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 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 or 1730, 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.

SUGGESTED PROGRAM OF STUDY

Freshman Year	Cr	Sophomore Year	Cr
CHEM 1110, 1120	10	CHEM 3510, 3520	8
BIOL 1110, 3060	8	COMM 1010	3
ENGL 1010, 1020	6	PHYS 2010, 2020	10
MATH 1910	5	ART 1030	3
APSU 1000	1	MUS 1030	3
		ENGL 2030	3
Total Hours	30	Total Hours	30
Junior Year	Cr	Senior Year	Cr
CHEM 3440, 3610, 4310	12	CHEM 3210, 3220, 4000	9
BIOL 4050, 4110	8	BIOL 4130	4
HIST 2010, 2020	6	PSY 1010	3
Electives	4	SOC 2010	3
		Electives	11
Total Hours	30	Total Hours	30

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 1110; 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.

FORENSIC CHEMISTRY MINOR (29 HOURS)

This minor is designed to meet the minimum requirements for a student to attend a graduate program in forensic science, or to apply for a position in a forensic science lab (although each program may have additional requirements). CHEM (1110, 1120) or (1010, 1020, 1840), 3210, 3220 or 3440, 3500 or 3510, 3800, and BIOL 3940 or 4100 or 4450.

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). Will not serve as prerequisite for any other chemistry course.

CHEM 1010² Chemistry: Society and the Environment - Three hours lecture, three hours laboratory (4)

The nature of matter and energy, the developments of chemical technology, and the interaction of this technology with humans and their environment. Topics include atomic structure, energy in matter, chemical bonding and molecular structure, solutions, acid-base reactions and redox reactions.

CHEM 1020² Chemistry: Society and the Environment - Three hours lecture, three hours laboratory (4)

Prerequisite: CHEM 1010

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)

Corequisite: MATH 1730

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

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 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 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 or 3610; 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 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 3800 Forensic Science (3)

Prerequisite: CHEM 1120, 3500 or 3510, BIOL 1110, *completed* MATH *core*

Survey of scientific methods used in collection, preservation and analysis of physical evidence. Included will be a study of common types of physical evidence obtained from crime scenes, their treatment at the modern crime laboratory, and the interpretation of scientific data to the legal community.

CHEM 3840 Chemical Literature - Three hours lecture/laboratory (3)

Prerequisite: CHEM 1020 or 1120

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, 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 biomolecules, 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, 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, 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, 3520, 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, 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 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

- A. GREK 1010, 1020, 2010, 2020; and three from: ENGL 340D, HIST 3300, 3310, and PHIL 3100;
- B. LATN 1010, 1020, 2010, 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

- A. GREK 2010, 2020, 3300, 4110; PHIL 3100 or ENGL 340D; and select two from LATN 1010, 1020, 2010, 2020, 3300 or 4110;
OR
- B. LATN 2010, 2020, 3300, 4110; PHIL 3100 or ENGL 340D; and select two from GREK 1010, 1020, 2010, 2020, 3300, 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, Parcells, Prather, von Palko, Wesner, and Zhang

Location: Music/Mass Communication, 173

Phone: 931-221-7378

Website: 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, Information Specialist, Internet Technologies Specialization, 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, and THEA 1030. A departmental capstone course, COMM 4010, Communication Theory, is required of all majors and minors. A minor is required for all majors in the department.

The 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

Freshman Year	Cr	Sophomore Year	Cr
APSU 1000	1	COMM 1010, 3450, 3550, 3760 12	
COMM 1200, 2000, 2100, 2150, 3350	15	ENGL 2030	3
Elective	3	MATH 1530	3
ENGL 1010, 1020	6	Minor Course	3
Minor Course	3	SCI Core	8
PHED	1	THEA 1030	3
POLS 2040	3		
Total Hours	29	Total Hours	32
Junior Year	Cr	Senior Year	Cr
COMM 3350, 4010, 4650, 4600, 4750	15	ART or MUS	3
General Elective	2	COMM 4020, 4310, 4350, 4550, 4760	15
HIST 2010, 2020	6	Minor Course	9
Minor Course	6	SOC SCI	3
Total Hours	29	Total Hours	30

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

Freshman Year	Cr	Sophomore Year	Cr
APSU 1000	1	COMM 2400, 3010, 3100, 3800	12
ART or MUS	3	ENGL 2030	3
COMM 1010, 1200	6	General Electives	3
ENGL 1010, 1020	6	MATH	3
POLS 2040	3	Minor Course	6
SCI	8	THEA 1030	3
SOC SCI	3		
Total Hours	30	Total Hours	30
Junior Year	Cr	Senior Year	Cr
COMM 426A, 3320, 3400, 3910	12	COMM 490A, 4010, 4020, 4650	12
General Elective	3	General Electives	12
HIST 2010, 2020	6	Minor Courses	6
Major Elective	3		
Minor Courses	9		
Total Hours	30	Total Hours	30

Internet Technology Specialization (36 Hours)

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, 2090, 2520, or 3080, COMM 4720.
2. Electronic Commerce, COMM 2400, 3010, 3800, GB 3010, 3700.
3. Web Promotion & Publicity, COMM 2400, 3010, 3100, 3910, 4720.
4. Web Design Programming. CSCI 1005, 1015, 3300, 4000, COMM 4720.
5. Web Network Administration. CSCI 1005, 1015, 3700, 4400, 4630.

SUGGESTED PROGRAM OF STUDY

Freshman Year	Cr	Sophomore Year	Cr
APSU 1000	1	COMM 2720, 3720	6
ART or MUS	3	ENGL 2030	3
COMM 1010, 1200	6	General Electives	9
ENGL 1010, 1020	6	MATH	3
POLS 2040	3	Major Elective Specialization	3
SCI Core	8	Minor Course	3
SOC SCI	3	THEA 1030	3
Total Hours	30	Total Hours	30

Junior Year	Cr	Senior Year	Cr
COMM 3400	3	COMM 4010, 4650, 4730	15
HIST 2010, 2020	6	General Electives	6
Minor Courses	6	Major Elective Specialization	3
SCI Core	4	Minor Courses	6
General Electives	5		
Major Elective Specialization	6		
Total Hours	30	Total Hours	30

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 POLS 2010, 2040 or 2070 as part of their General Education Core.

SUGGESTED PROGRAM OF STUDY

Freshman Year	Cr	Sophomore Year	Cr
APSU 1000	1	COMM 300A, 300B, 3100	5
ART or MUS	3	ENGL 2030	3
COMM 1010, 1200, 2000	9	General Electives	9
ENGL 1010, 1020	6	MATH	3
General Electives	6	SCI Core	4
Minor Courses	3	SOC SCI	3
POLS 2040	3	THEA 1030	3
Total Hours	31	Total Hours	27

Junior Year	Cr	Senior Year	Cr
COMM 300C, 3200, 3400, 3720, 4400	11	COMM 4010, 4150, 4450, 4550, 4730	15
General Elective	3	General Electives	6
HIST 2010, 2020	6	Major Elective	3
Major Elective	3	Minor Courses	6
Minor Courses	6		
Total Hours	29	Total Hours	30

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

Freshman Year	Cr	Sophomore Year	Cr
APSU 1000	1	COMM 1010, 3800	6
ART or MUS	3	ENGL 2030	3
COMM 1200, 2100, 2150, 2400	12	MATH	3
ENGL 1010, 1020	6	Minor Course	3
General Elective	3	SCI Core	8
Minor Course	3	SOC SCI	3
POLS 2040	3	THEA 1030	3
Total Hours	31	Total Hours	29
Junior Year	Cr	Senior Year	Cr
COMM 3450, 3720, 3760, 4650	12	COMM 3950, 4010	15
General Elective	3	General Electives	9
HIST 2010, 2020	6	Minor Courses	6
Major Elective	3	COMM Electives	9
Minor Courses	6		
Total Hours	30	Total Hours	30

Information Specialist (30 Hours)

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

Requirements: COMM 1200, 1400, 2000, 3010, 4010, 4150, 4410, 4650, 4910; JOUR 3410.

SUGGESTED PROGRAM OF STUDY

Freshman Year	Cr	Sophomore Year	Cr
APSU 1000	1	THEA 1030	3
ENGL 1010, 1020	6	ENGL 2030	3
COMM 1010, 1030, 1200	9	COMM 1400, 2000	6
HIST 2010	3	SCI + Lab	4
SCI + Lab	4	HIST 2020	3
PSY	3	ART or MUS	3
General Electives	4	Minor	6
		Electives	2
Total Hours	30	Total Hours	30
Junior Year	Cr	Senior Year	Cr
MATH	3	COMM 4150, 4410, 4910	9
SOC SCI	3	COMM 4650	3
COMM 3010, 4010	6	Minor	3
JOUR 3410	3	Electives	3
Minor	9		
Electives	6		
Total Hours	30	Total Hours	30

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. Proposed program of study identifies an English writing minor.

Requirements: COMM 1200, 1400, 2000, 3100, 3400, 3450, 3910, 4010, 426ABC, 4650, 4810, 4910, 490A

SUGGESTED PROGRAM OF STUDY

Freshman Year	Cr	Sophomore Year	Cr
APSU 1000	1	COMM 2000, 3100, 3450	9
ART or MUS	3	ENGL 1100, 2030	6
COMM 1010, 1200, 1400	9	MATH	3
ENGL 1010, 1020	6	Major Elective	3
POLS 2040	3	Minor Elective	3
SCI Core	8	SOC SCI	3
		THEA 1030	3
Total Hours	30	Total Hours	30
Junior Year	Cr	Senior Year	Cr
COMM 426A	1	COMM 490A	3
COMM 3320, 3400, 3910, 4010, 4810	15	COMM 4150, 4650, 4910	9
ENGL 3500, 3510	6	ENGL 3200, 3700, 3600	9
General Elective	3	General Electives	8
HIST 2010, 2020	6		
Total Hours	31	Total Hours	29

COMMUNICATION AND 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, 3550, 3600, 3720, 4310, 4550, 4760, and 4960; THEA 2010.

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

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.

Interdisciplinary Specialization in Communication and Theatre (42 hours)

Requirements: COMM 1200, 2000, 2030, 2100, 3350, 3600, 3760, 4010; THEA 1300, 1600, 2010, 3400, 3450; select three upper division hours in COMM or THEA.

Students seeking licensure 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

Freshman Year	Cr	Sophomore Year	Cr
APSU 1000	1	COMM 1010	3
COMM 1200	3	ENGL 2030	3
ENGL 1010, 1020	6	MATH	3
General Elective	3	SCI Core	8
Minor Course	3	SOC SCI	3
THEA 380A, 1030, 1300, 1600, 1610	14	THEA 3010, 3020, 3700	9
Total Hours	30	Total Hours	29

Junior Year	Cr	Senior Year	Cr
COMM 1010	3	COMM 4010	3
General Electives	6	General Elective	5
HIST 2010, 2020	6	Minor Course	6
Minor Courses	9	THEA 388B	2
THEA 3400, 4900	6	THEA 3080, 3090, 4000, 4400, 4550	15
Total Hours	30	Total Hours	31

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
APSU 1000	1	ENGL 2030	3
COMM 1200	3	MATH	3
ENGL 1010, 1020	6	Minor Course	3
General Elective	6	SCI Core	8
Minor Course	3	SOC SCI	6
THEA 388A	2	THEA Electives	9
THEA 1030, 1300, 1600	9		
Total Hours	30	Total Hours	32

Junior Year	Cr	Senior Year	Cr
COMM 1010	3	COMM 4010	3
General Electives	3	General Elective	2
HIST 2010, 2020	6	Minor Course	3
Minor Courses	9	MUS or ART	3
THEA 3010, 3020, 3400	9	THEA 388B	2
		THEA Electives	15
Total Hours	30	Total Hours	28

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 9 hours from: Upper Division COMM Courses; 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. (Course offered on campus and online)

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. (Course offered on campus and online)

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. (Course offered on campus and online)

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. (Course offered online)

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. (Course offered on campus and online)

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, 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, 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, 1200, 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. (Course offered on campus and online)

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. (Course offered on campus and online)

COMM 4150 Feature Writing (3)

Instruction and practice in writing feature articles for newspapers, trade journals, and magazines. (Course offered on campus and online)

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, 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. (Course offered on campus and online)

COMM 4400 Politics and Mass Media (3) (Same as POLS 4400)

Media's role in U.S. politics; influence of mass media on political opinions, 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. (Course offered online)

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. (Course offered on campus and online)

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 Multimedia Design (3)

Prerequisites: COMM 3720 and Junior status

Students create and edit audio files, video and images using Macromedia Flash and Fireworks, and both audio and videos are streamed into HTML files. Web pages are produced and published using HTML, dynamic HTML and JAVA scripts. The function of SSI, CGI scripts, and Plug-ins for web servers is also examined.

COMM 4730 Internet Content Management (3)

Prerequisites: COMM 1400, 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 or Corporate Communication Coordinator

The management and counseling functions of public relations are explored through the use of communication strategies and tactics. A communication evaluation of organizational needs is done by case study analysis resulting in the development of a comprehensive communication plan for a model organization.

COMM 490A, B, C Communication Internship (3 each)

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, 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, 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. (Course offered on campus and online)

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 2000 American Theatre (3)

History of American theatre with emphasis on changing systems of value as reflected by the drama. (Course offered on campus and online)

THEA 2010 Oral Interpretation of Literature (3)

Study of literature through the medium of performance. Students analyze and perform selected literature. Most performances take place in class but a public performance requirement is occasionally added.

THEA 2300 Acting II (3)

Prerequisites: THEA 1300, 1030

Analysis of styles and techniques in acting. Improvisation, movement, and voice will be developed as a means of character development.

THEA 3010 Theatre: Chronicle And Concept I (3)

Prerequisites: THEA 1030, 2000

Examines history and theory of theatrical art of the Classical Era, Middle Ages, and Renaissance in Western Europe. Emphasizes theatrical space, production, and performance. Drama is considered as a plan for production rather than as literature.

THEA 3020 Theatre: Chronicle And Concept II (3)

Prerequisite: THEA 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 1030, 1600

Exposes the student to theatre design in the area of Scenery. Emphasis placed on script analysis and the implementation of various design elements. Students will explore working in a collaborative atmosphere with others on the production team.

THEA 380A-H Stagecraft Practicum (2)

Supervised work on the plays produced by the department or other departmental approved productions. A minimum of 60 clock hours shall be required for academic credit. Only 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, 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), Bateman, Li, Smithfield, Vandergriff

Location: Claxton 304

Phone: 931-221-7840

Website: www.apsu.edu/csit

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, 3250, 3400, 3410, 4100, 4230, 4800; select one from: 2060, 2070, or 2080; select two courses from: 3005, 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	ART/MUS/THEA*	6
ENGL 1010, 1020	6	COMM Core*	3
MATH 1910, 1920	10	CSCI 2080, 3250	6
SCI Core*	8	ENGL 2030	3
APSU 1000	1	HIST 2010, 2020	6
		MATH 2110, 3000	6
Total Hours	31	Total Hours	30
Junior Year	Cr	Senior Year	Cr
CSCI 3400, 3410, 4100, Elective	12	CSCI 4230, 4800, Elective	7
Electives	9	Electives	19
MATH 3450	3	MATH 4670	3
SOC SCI Core*	6		
Total Hours	30	Total Hours	29

*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; 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
COMM 1010	3	ACCT 2010	3
CSCI 1010, 2010	6	ART//MUS/THEA*	6
ENGL 1010, 1020	6	CSCI 2060, 3400	6
MATH 1810, 1820	6	ECON 2010	3
SCI Core*	8	ENGL 2030	3
APSU 1000	1	HIST 2010, 2020	6
		MATH 1530	3
Total Hours	30	Total Hours	30
Junior Year	Cr	Senior Year	Cr
BLAW 3300	3	CSCI 3700, 4100, 4800	7
CSCI 3020, 3320, 4400	9	Electives**	17
ENGL 1100	3	FIN 3010 or MGT 3610 or MKT 3210	3
MGT 3010	3	SOC SCI Core*	3
MKT 3010	3		
Electives	9		
Total Hours	30	Total Hours	30

*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 4610 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.

Freshman Year	Cr	Sophomore Year	Cr
COMM 1010	3	ACCT 2010	3
CSCI 1005, 1015	6	ART/MUS/THEA*	6
ENGL 1010, 1020	6	CSCI 3300, 3700	6
HIST 2010	3	ECON 2010	3
MATH Core*	3	ENGL 2030	3
SCI Core*	8	HIST 2020	3
APSU 1000	1	MGT 3010	3
		SOC SCI Core	3
Total Hours	30	Total Hours	30

Junior Year	Cr	Senior Year	Cr
BLAW 3300	3	CSCI 4400, 4800, 4940	7
CSCI 3000, 3320	6	CSCI 4410 or 4420 or 4430	3
CSCI 4610 or 4650	3	Electives	17
Electives*	12	FIN 3010 or MGT 3610 or MKT 3210	3
GB 3010	3		
MKT 3010	3		
Total Hours	30	Total Hours	30

*Refer to Liberal Arts core requirements.

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.

Freshman Year	Cr	Sophomore Year	Cr
COMM 1010	3	ACCT 2010	3
CSCI 1005, 1015	6	ART/MUS/THEA*	6
ENGL 1010, 1020	6	CSCI 3300, 3700	6
MATH Core*	3	ECON 2010	3
SCI Core	8	ENGL 2030	3
SOC SCI Core	3	HIST 2010, 2020	6
APSU 1000	1	MGT 3010	3
Total Hours	30	Total Hours	30

Junior Year	Cr	Senior Year	Cr
BLAW 3300	3	CSCI 4400, 4630, 4800, 4940	10
CSCI 3320, 4000, 4050	9	Electives*	17
CSCI 4390 or 4650	3	FIN 3010 or MGT 3610 or MKT 3210	3
Electives	12		
MKT 3010	3		
Total Hours	30	Total Hours	30

*Refer to Liberal Arts core requirements.

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, 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 or 3300 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 1015 or 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 JAVA I/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 or 3300

Database development process, data structures and database methods of file storage, primitive databases, Relational model approach to database management, hierarchical, network and object oriented models, data security, 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 4410 or 4420 or 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 4000

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 299.

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

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 per course 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 34 for admission policy regarding assessment). Certain entering students will be required to take developmental studies courses based on the results of the placement tests.

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 until enrollment in a DSP course. 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 courses are: "A", "B", "C", "F", "FA", "FN", "W".
5. Students enrolled in any remedial or developmental courses should be advised by a major advisor or a DSP advisor for undecided majors.

COURSE DESCRIPTIONS

DEVELOPMENTAL STUDIES

Developmental Studies courses award college credit, but do not count toward minimum degree requirements.

NOTE: Students enrolled in DSPM 0700, 0800, 0850 or 0880 may not enroll in mathematics 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 graphing calculator is used.

DSPM 0870 Algebra (5)

Combines DSPM 0800 and DSPM 0850.

See previous descriptions of these two courses.

NOTE: Students enrolled in DSPR 0700 or 0800 may not enroll in reading intensive 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.

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 the explorations of career goals.

NOTE: Students enrolled in DSPW 0700 or 0800 may not enroll in reading and/or writing intensive courses.

DSPW 0700 Basic Writing (3)

Course renumbered from ENGL 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 ENGL 0820

Acquaints students with the writing process, presents a review of usage and mechanics and introduces work with primary and secondary source material.

DSPW 0829 Writing /Reading/Study Skills (5)

Combines DSPW 0800, DSPR 0800 and DSPS 0800.

See previous descriptions of these 3 courses.

ECONOMICS CONCENTRATION

See Business, page 127.

EDUCATION (B.S.)

School of Education

College of Professional Programs and Social Sciences

Barrett, Deitrich, Gold, Gore, Flynt, Hardin, Harris, Hayes, Lowrance, Luck, Richards, Tenasse, 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 86
Bachelor of Science core	page 88
Bachelor of Fine Arts core	page 89

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 this BULLETIN. Students should consult both their academic and education advisors and meet admission requirements to teacher education on page 75.

NOTE: Additional courses in the academic department may be required for the student seeking licensure.

PREPARATION FOR ELEMENTARY SCHOOL TEACHERS

(To Teach Grades K-6, K-8 or 5-8) and 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 completes in teacher education at Austin Peay continue to perform at a high level.

LIBERAL ARTS CORE FOR INTERDISCIPLINARY STUDIES AND SPECIAL EDUCATION MAJORS (42 HOURS)

SUGGESTED PROGRAM OF STUDY

Freshman Year	Cr	Sophomore Year	Cr
APSU 1000	1	ART 1030	3
ENGL 1010, 1020	6	HIST 2010, 2020 or 2030	6
BIOL 1010	4	MUS 2030	3
HHP 1250	3	ENGL 2030	3
CHEM/PHYS 1710	4	GEOG 1030	3
MATH 1420	3		
COMM 1010	3		
Total Hours	24	Total Hours	18

Liberal Arts (1 Hour)

APSU 1000	See this bulletin for listing	Cr
		1

Communication (9 Hours)

COMM 1010	Fundamentals of Public Speaking	Cr
ENGL 1010	English Composition I	3
ENGL 1020	English Composition II	3

Humanities (9 Hours)

ART 1030 or THEA 1030	Art Appreciation or Theatre Appreciation	Cr
ENGL 2030	Traditions in World Literature	3
MUS 2030	World Music	3

Social Sciences (6 Hours)

GEOG 1030	Geography of the Developing World	Cr
HHP 1250	Health and Wellness	3

History (6 Hours)

HIST 2010	American History I	Cr
HIST 2020 or 2030	American History II or Tennessee History	3

MATH (3 Hours)

MATH 1420 (prerequisite MATH 1410)	Structure of Mathematical Systems	Cr
		3

Sciences (8 Hours)

CHEM/PHYS 1710	Introduction to Chemistry and Physics	Cr
BIOL 1010	General Biology	4
		4

INTERDISCIPLINARY STUDIES MAJOR (K-6)

Students choosing this program can apply to teach grades K-6 in Tennessee. Specific curriculum requirements are available from advisors in the School of Education.

SUGGESTED PROGRAM OF STUDY

Sophomore Year	Cr	Junior Year	Cr
ENGL 3200	3	*EC 4130	3
GEOL 1040	4	*EDUC 400S	3
MATH 1410, 1530	6	*RDG 4020, 4030, 4050	9
POLS 2010	3	*MATH 4100	3
Total Hours	16	Total Hours	18
		Senior Year	Cr
		*SCI 3020	4
		Student Teaching	12
		Total Hours	16

*Requires Provisional Admission

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 School of Education.

NOTE: Students in the K-8 program must complete all courses requirements including student teaching by May 2007 at which time the K-8 program will no longer be offered.

SUGGESTED PROGRAM OF STUDY

Junior Year	Cr	Senior Year	Cr
Cognate	12	EC 4130	3
<i>(select one of the listed Cognate</i>		EDUC 400S, 4090	6
<i>Areas for Interdisciplinary Studies</i>		MATH 4100, 4200	6
<i>major below)</i>		RDG 4020, 4030, 4050	9
Total Hours	12	Total Hours	24

COGNATE COURSES

EC 4130	Primary Methods and Curriculum	3
EDUC 400S	Teaching Social Studies	3
EDUC 4090	Middle School Methods and Curriculum	3
MATH 4100	Mathematic Concepts Development	3
MATH 4200	Mathematics Content and Pedagogy for Middle School	3
RDG 4020	Primary Language and Literacy	3
RDG 4030	Middle School Language and Literacy Methods	3

Courses taken to meet Liberal Arts core requirement may not be counted as part of a cognate

COGNATE AREAS FOR INTERDISCIPLINARY STUDIES K-8*Cognate 12 hours (choose one area)***Language Arts**

		<u>Cr</u>
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 and Usage	3
RDG 4040	Content Reading	3
RDG 4051	Process Writing	3

Mathematics

		<u>Cr</u>
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

		<u>Cr</u>
BIOL 1020	General Biology	4
BIOL 3060	Animal Diversity	4
CHEM/PHYS 1710	Intro to Chemistry/Physics	4
GEOL 1040	Physical Geology	4
SCI 3030*	Life/Physical Science	3

Social Studies

		<u>Cr</u>
ECON 2010	Principles of Economics	3
GEOG 3110	US and Canada	3
HIST 1220 or 2020	World History II or American History II	3
POLS 2070	International Policy	3
SOC 2010	Intro to Sociology	3

* 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.

Course

		<u>Cr</u>
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.

Course

	<u>Cr</u>
COGNATE	24

(choose two areas--12 hours in each one selected)

SUGGESTED PROGRAM OF STUDY

Junior Year	Cr	Senior Year	Cr
Cognate	15	Cognate	9
		EDUC 4090	3
		MATH 4200	3
		RDG 4030	3
		SCI 3020	4
Total Hours	15	Total Hours	22

COGNATE AREAS FOR INTERDISCIPLINARY STUDIES MAJOR (5-8)

Language Arts

	<u>Cr</u>
ENGL 2040	3
ENGL 3310	3
LING 4040	3
LING 4050	3
RDG 4040	3
RDG 4050	3
RDG 4051	3

Mathematics

	<u>Cr</u>
MATH 1110	3
MATH 1530	3
MATH 1720	3
MATH 1810	3
MATH 4020	3
MATH 4030	3

Science

	<u>Cr</u>
BIOL 1020	4
BIOL 3060	4
CHEM/PHYS 1710	4
GEOL 1040*	4
SCI 3030	3

Social Studies

	<u>Cr</u>
ECON 2010	3
EDUC 400S	3
GEOG 3110	3
HIST 1210 or 2020	3
POLS 2070	3
SOC 2010	3

*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.

<u>Course</u>		<u>Cr</u>
EC 4130	Primary Curr and Materials	3
EDUC 400S	Teaching Social Studies in the Elementary School	3
MATH 4100	Mathematical Concepts Developmental	3
RDG 4020	Primary Literacy and Language	3
RDG 4050	Literature for Children	3
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
SPED 4390	Assistive Teaching in Special Education	3

SUGGESTED PROGRAM OF STUDY

Junior Year	Cr	Senior Year	Cr
SPED 3300, 3330, 3340, 3350	12	*EC 4130	3
SPED 4330, 4340, 4350, 4370, 4390	15	*EDUC 400S	3
		*MATH 4100	3
		*RDG 4020, 4050	6
		Student Teaching	12
Total Hours	27	Total Hours	27

*Requires Provisional Admission and must be taken as a block

PROFESSIONAL EDUCATION MINOR (23 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-6, 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.

<u>Course</u>		<u>Cr</u>
EDUC 2100	Foundations to Education	2
EDUC 3040	Instructional Technology	3
EDUC 4080	Classroom Management	3
EDUC 4160	Teaching Diversity	3
EDUC 4270	Evaluation and Assessment	3
PSY 3110 or PSY 3200	Human Development Child <i>(required for grades K-8)</i> or Adolescent Child <i>(required for grades 5-8 & 7-12)</i>	3
PSY 3130	Education Psychology	3
SPED 3000	Introduction to Special Education	3

ADDITIONAL CERTIFICATION REQUIREMENTS FOR 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 seminar. Student Teaching may be completed before or after the B.S. degree is awarded. Students will see the Coordinator of School Based Teaching Experiences for student teaching course numbers.

<u>Course</u>		<u>Cr</u>
EDUC 4410	Student Teaching in Elementary School	6
EDUC 4510	Student Teaching in Middle School	6
EDUC 4610	Student Teaching in Secondary School	6

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 art, biology, chemistry, elementary (K-6, K-8) middle school (5-8), economics, geography, English, French German, Latin, 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 Integrative Studies major or Special Education major but not wishing to seek teacher licensure may select an approved University minor other than Professional Education Minor and student teaching.

COURSE DESCRIPTIONS

EARLY CHILDHOOD

EC 4130 Primary Methods & Curriculum (3)

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 4160 Applications of Developmental Theory (3)

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)

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 2100 Foundations of Education (2)**

Prerequisites: *Sophomore standing*

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)

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)

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)

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)

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)

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)

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)

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 4410 Student Teaching in Elementary School (6)**EDUC 4510 Student Teaching in Middle School (6)****EDUC 4610 Student Teaching in Secondary School (6)**

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. EDUC 4410, 4510, 4610 includes a seminar experience as a part of student teaching.

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)

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)

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 Disabilities (3)

Develop an awareness of the educational needs and goals of a person with mild/moderate disabilities. The physical, emotional, and psychological characteristics will be stressed. Lecture/discussion and 15 hours of field based experiences.

SPED 3330 Characteristics of Students with Severe Disabilities (3)

Develop and understanding of the physical, psychological, and emotional characteristics of the severely disabled. Personal and social needs will be stressed. Fifteen hours of field experience required.

SPED 3340 Developing Consultative Skills: Parents And Professionals (3)

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 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, and other transitions into past school life.

SPED 4390 Assistive Technology in Special Education (3)

Familiarize students with the special needs of students that can be met by the use of assistive technology and equipment that is available.

ENGINEERING TECHNOLOGY (B.S.)**School of Technology and Public Management**

Blake (Chair), Byrd, Chen, Grimmert, Salama, Sarwar

Location: AP Center @ Ft Campbell, Bldg 604

Phone: 931-221-1470

Website: 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 technologica 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)

1. Total credit hours for degree: 124-126 credit hours; first time freshmen must also take APSU 1000 (1 credit hour)
2. Program based on Full Time Enrollment
3. PHYS 2010/2021 and 2020/2021 are 5 credit hours total; all other courses are 3 credit hours

SUGGESTED PROGRAM OF STUDY

Freshman Year	Cr	Sophomore Year	Cr
APSU 1000	1	CHEM 1010 & 1011	3-4
COMM 1010	3	ENGT 2000, 2010, 2020, 2030	12
CSCI 1010	3	HIST 2020	3
ENGL 1010, 1020	6	HUM	3
ENGT 1000, 1010, 1020	9	PHYS 2010, 2011, 2020, 2021	10
MATH 1110, 1720 or 1730, 1810	9-10		
Total Hours	31-32	Total Hours	31-32

Junior Year	Cr	Senior Year	Cr
ENGL 2030	3	ENGT Conc	30
ENGT 3000, 3010, 3020	9		
ENGT 3030, 3040, 3050	9		
ENGT Conc	3		
HUM	3		
SOC SCI	6		
Total Hours	33	Total Hours	30

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 and science 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 88), including: MATH 1110, 1720 or 1730, 1810; PHYS 2010/2011, 2020/2021, and COMM 1010. First time freshmen must also take APSU 1000 (1cr hr). For Engineering Technology majors. PHYS 2020/2021 will be used to meet core requirements in science.
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; 15 credit hours of Concentration Electives.

1. Concentration electives may be either ENGT courses or courses in other areas approved by the department; see department advisor for list of approved courses.
2. 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.
3. 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 (3) 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) elective courses 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 (3) 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) elective courses 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 or 1730

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 or 1730

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 or 1730, 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 or 1730; 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), Andrews, Barnes, Eaves, Eichhorn, Falconer, Franks, Carson-Grefe, Goldstone, Guest, Kitterman, Magrans, McWilliams, Mesa-Pelly, Phy-Olsen, Puszkur, Randall, Ruiz-Aviles, Ryan, Schnell, Sorenson, Wadia, Winters

Location: Harned Hall, Room 115

Phone: (931) 221-7891

Website: 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.

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)

ENGL 3010, 3020, 3100, 3130, 3150; select one from ENGL 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. An English major test is required during the last semester before graduation. A minor is required.

ENGLISH TEACHING MAJOR (36 HOURS)

This program satisfies Tennessee guidelines for secondary school licensure. Required courses: ENGL 3010, 3020, 3100, 3130, 3150, 3420, 4400; RDG 4890; select two from: LING 4010, 4020, 4040, 4050; select one from ENGL 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. An English major test is required during the last semester before graduation.

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.

Freshman Year	Cr	Sophomore Year	Cr
APSU 1000	1	ENGL 1100, 2030	6
COMM 1010	3	Foreign Lang 2010, 2020 or Electives	6
ENGL 1010, 1020	6	HIST 2010, 2020	6
Foreign Lang 1010	4	SCI Core*	8
Foreign Lang 1020	4	SOC SCI Core*	6
Fine Arts Core*	6		
MATH Core	3		
Total Hours	27	Total Hours	32
Junior Year	Cr	Senior Year	Cr
Courses in Minor	9	Courses in Minor	12
Electives	7	ENGL 3150	3
ENGL 3010, 3020, 3100, 3130, 3200	15	ENGL Electives	12
		LING Course	3
Total Hours	31	Total Hours	30

*Refer to 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, 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 2200 Introduction to Creative Writing: Poetry and Fiction (3)

Writing and analysis of poetry and short stories.

ENGL 3010 Studies in American Literature I (3)

Advanced analysis and background study of American texts written before 1866.

ENGL 3020 Studies in American Literature II (3)

Advanced analysis and background study of American texts written after 1865.

ENGL 3100 Studies in British Literature I (3)

Advanced study of medieval and early modern British literature with an emphasis on critical and theoretical approaches.

ENGL 3130 Studies in British Literature II (3)

Advanced study of 19th and 20th century British literature with an emphasis on critical and theoretical approaches.

ENGL 3150 Shakespeare (3)

Reading of selected plays and poems including a comedy, a tragedy, a history play, and a romance. The choice of works will be made after class has been surveyed. Some attention will be given to the life and times of Shakespeare.

ENGL 3200 Expository Writing (3)

Instruction in the art of expository writing that introduces students to the aims of discourse; the methods for applying rhetorical schemes and tropes, including the use of symbolism; the use of grammar in the service of style; academic formats and styles of writing; and the paradigms for various types of writing projects.

ENGL 3210 Writing Fiction (3)

Prerequisite: ENGL 2200

The student is guided individually and as a member of a group in the writing and analysis of short stories.

ENGL 3220 Writing Poetry (3)

Prerequisite: ENGL 2200

The student is guided individually and as a member of a group in the writing and analysis of poems.

ENGL 3310 Stories for Creative Writers (3)

Exposes readers and writers of fiction to a body of classic short stories: by Americans, other writers of the English language, and non-English-speaking writers in translation.

ENGL 3320 Poetry for Creative Writers (3)

Exposes readers and writers of poetry to a variety of contemporary poems: by Americans, other writers of the English language, and, 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 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 206

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 132.

FOREIGN LANGUAGES (B.A.)

Department of Languages and Literature

College of Arts and Letters

Location: Harned Hall 115

Phone: 931-221-7891

Website: 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. Students must also complete the Professional Education minor and Student Teaching. Licensure is available in French, Latin, and Spanish. 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.

An oral or, in the case of ancient languages, a written proficiency exam and a portfolio are graduation requirements for all Foreign Language and Spanish majors who are admitted to APSU beginning in 2004-2005. Students must see their advisor for more information. A minor is required for language majors.

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

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.

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

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

FRENCH AND GERMAN SPECIALIZATION (36 HOURS)

FREN 2010, 2020, 3210, 3220, 3310, 3320; GERM 2010, 2020, 3210, 3220, 3510, 3520

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

GERMAN AND SPANISH SPECIALIZATION (36 HOURS)

GERM 2010, 2020, 3210, 3220, 3510, 3520; SPAN 2010, 2020, 3210, 3220; and either 3510 and 3520, or 3610 and 3620

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

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.

Freshman Year	Cr	Sophomore Year	Cr
APSU 1000	1	Additional LANG 1010, 1020	8
COMM 1010	3	ENGL 2030	3
ENGL 1010, 1020	6	HIST 2010, 2020	6
Fine Arts Core*	6	SCI Core*	8
Major LANG 1010, 1020	8	Major LANG 2010, 2020	6
Total Hours	27	Total Hours	31
Junior Year	Cr	Senior Year	Cr
Courses in Minor	12	Courses in Minor or Electives	20
Major Courses 3xxx	12	Major Courses 3xxx, 4xxx	12
SOC SCI Core*	6		
Total Hours	30	Total Hours	32

*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.

Freshman Year	Cr	Sophomore Year	Cr
APSU 1000	1	ENGL 2030	3
COMM 1010	3	LANG (A) 2010, 2020	6
ENGL 1010, 1020	6	LANG (B) 1010, 1020	8
Fine Arts Core*	6	SCI Core*	8
LANG (A) 1010, 1020	8	HIST 2010, 2020	6
MATH Core	3		
Total Hours	27	Total Hours	31
Junior Year	Cr	Senior Year	Cr
Courses in Minor	6	Courses in Minor	12
LANG (A) 3210, 3220	6	Electives	8
LANG (A) 3xxx or 4xxx	6	LANG (B) 3210, 3220	6
LANG (B) 2010, 2020	6	LANG (B) 3xxx or 4xxx	6
SOC SCI Core*	6		
Total Hours	30	Total Hours	32

*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, 3510, 3520

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. A minor is required.

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
APSU 1000	1	Courses in Minor	6
COMM 1010	3	ENGL 2030	3
ENGL 1010, 1020	6	HIST 2010, 2020	6
Fine Arts Core*	6	SCI Core*	8
MATH Core*	3	SPAN 2010, 2020	6
SPAN 1010, 1020	8	Elective	3
Total Hours	26	Total Hours	32

Junior Year	Cr	Senior Year	Cr
Courses in Minor	6	Courses for Minor	12
SOC SCI Core*	6	Courses in Minor or Electives	8
SPAN 3210, 3220, 3510, 3520	12	SPAN 3610, 3620, 4610, 4620	12
SPAN 4510, 4520	6		
Total Hours	30	Total Hours	32

* 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 3040 Study Abroad in Germany (6-8)

Prerequisite: Basic knowledge of German or permission of instructor

A study abroad program designed to provide students with a total German speaking environment which will allow a broadening of knowledge and appreciation of German language and culture.

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 Foreign Languages in Secondary School (3)

General and specific problems involved in teaching foreign languages at the secondary level. Activities include demonstrations in applied linguistic as well as discussions, observations, field experiences, 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 2020: SPAN 1020 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 198.

GENERAL BUSINESS CONCENTRATION

See Business, page 128.

GEOGRAPHY

See Geosciences, page 206.

GEOLOGY

See Geosciences, page 206.

GEOSCIENCES (B.S.)

School of Agriculture and Geosciences

College of Science and Mathematics

Faculty: 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
CHEM 1110	5	AGRI 4230	3
CSCI 1010	3	CSCI 2070	3
GEOG 1010	3	GEOG 3150	4
GEOL 1040	4	GEOG 3920	3
ENGL 1010, 1020	6	GEOL 3030	4
MATH 1730	4	COMM 1010	3
APSU 1000	1	HIST 2010, 2020	6
SOC SCI Core	3	Humanities core	6
Total Hours	29	Total Hours	32
Junior Year	Cr	Senior Year	Cr
CSCI 2080	3	GEOG 4010, 4160, 4250, 4260	14
GEOG 3250, 3960, 4000	9	GEOL 3030, 4050	8
GEOL/GEOG 3060	4	Electives	7
ENGL 2030	3		
Electives	11		
Total Hours	30	Total Hours	29

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, 4230, ECON 2010, 2020, 4610, HIST 3360, 4730, MGT 3010, 4110, MKT 3010, 3410, 3710, PHIL 2310; POLS 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; eleven hours from AGRI 1410, 2210, 4420, BIOL 1110, 3050, 3060, 3070, PHYS 2010.

GEOGRAPHIC INFORMATION ANALYSIS (44 HOURS)

3250, 3920, 4160, 4250, 4260, AGRI 4230, 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 1730, 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, 3330, 4080, PHYS 2010, 2020, 2110, 2120.

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)**

Introduction to map reading as well as development of skills and techniques used in the study of geography. This course concentrates on interrelationships among elements of the natural environment: landform, climate, soil, vegetation, weather, and water.

GEOG 1020 Geography of the Developed World (3)

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 are included.

GEOG 1030 Geography of the Developing World (3)

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 are included.

GEOG 3060 Quantitative Geosciences - Three hours lecture, two hours laboratory (4)

(Cross listed with GEOL 3060)

Prerequisites: GEOG 1010 or 1040, MATH 1730, 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 Cartography with GIS - Three hours lecture, two hours laboratory (4)

Prerequisite: MATH 1730 or permission of instructor

General nature and uses of maps. Preparation of thematic maps with a geographic information system. Includes elementary statistical evaluation of geographical data.

GEOG 3250 Geographic Information Systems - Two hour lecture, two hour laboratory (3)

Prerequisite: MATH 1730 or permission of instructor

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 1730

Principles and practice of the global positioning system and their interface with geographic information systems.

GEOG 3930 Natural Hazards in the Environment (3)

Prerequisites: GEOG 1010, 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 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 urban environments. Consideration is given to urban environmental problems.

GEOG 3980 Economic Geography (3)

Prerequisites: GEOG 1020, 1030 *are recommended*

A systematic examination of the structure of dynamic global economic activities, provided through an analysis of their defining spatial patterns, pressures and interactions. Economic theory is not emphasized, except as necessary for the investigation of geographic patterns of resource utilization and the dynamic interactions of human, economic and physical environments.

GEOG 4000 Environmental Management (3)

An analysis of environmental regulations and management strategies employed by federal agencies, state, and local governments, and corporations.

GEOG 4010 Environmental Assessment (3)

Prerequisites: GEOG 4000, ENGL 1100

An analysis of the environmental impact statement (EIS) process. Emphasis is placed on preparation, review, and requirements of an EIS as a tool for environmental assessment.

GEOG 4160 Environmental Modeling and GIS - Three hours lecture, two hours 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, two hours laboratory (4)

Prerequisite: GEOG 1010

Elements and processes defining and characterizing global climate patterns and classifications. Climates are examined for their spatial and temporal interaction with, and impact on, physical, biological and human activity environments. Impact of environmental and atmospheric phenomena, including global warming and ozone depletion, on climate and climate change are examined.

GEOG 4250 Advanced Geographic Information Systems -Two hours lecture, two hours laboratory (3)

Prerequisites: GEOG 3060, 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, - Three hours lecture, two hours laboratory (4)

(Cross listed with GEOL 4260)

Prerequisites: MATH 1730; CHEM 1110 *or* PHYS 2010

Data capture, image characteristics, and interpretation of aerial photography and satellite imagery, to include multispectral, thermal, and radar images. Digital image processing using a raster geographic information system.

GEOG 4270 Watershed Management and Modeling - Three hours lecture, two hours 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. 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 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 1730 or permission of instructor

Structure and deformation of the Earth's crust. Topics include rock mechanics and geometry and Kinematics of faults, folds, joints, and rock fabrics. Laboratory includes geologic map interpretation and data analysis. An overnight field trip is required.

GEOL 3002 Structure Field Practicum (1)

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 trip 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.

GEOL 3030 Environmental Geology - Three hours lecture, three hours laboratory (4)

Prerequisite: GEOL 1040

Major geologic factors that directly influence man's adaptation to his environment. Lecture and laboratory focus attention on evaluation of earthquake susceptibility, landslide occurrence and prevention, flood potential and results of floodplain development, ground water contamination, and similar geologic processes which affect urbanization, engineered structures and land-use potential and environment.

GEOL 3060 Quantitative Geosciences - Three hours lecture, two hours laboratory (4)

(Cross listed with GEOG 3060)

Prerequisites: GEOL 1040 or GEOG 1010; MATH 1730; 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, 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

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 distribution and association of elements in the earth's crust. Some emphasis will also be placed on applications of geochemistry to mineral exploration.

GEOL 390A, B, C, D Advanced Internship in Geology (3, 4, 5, 6)

Prerequisite: GEOL 290x

A second year of University arranged and jointly supervised full-time salaried work experience as a junior professional in a geologically oriented government agency or company.

GEOL 4050 Process Geomorphology - Three hours lecture, three hours laboratory (4)

Prerequisite: GEOL 1040 or permission of instructor

An applied, systematic process approach to landform development based upon threshold concepts. Geomorphic processes emphasized include mass movement, fluvial, aeolian, glacial, and karst geomorphology. Laboratory work is based upon aerial photographs, maps, field projects, and computer data analysis.

GEOL 4100 Seminar in Tectonics (3)

Prerequisite: GEOL 1040

Tectonic evolution of continents and relation to plate tectonic setting. Topics include: tectonic concepts, theories on the structural, mechanical, and thermal evolution of contractional and extensional orogenic belts; and origin of foreland and rift basins.

GEOL 4250 Hydrogeology - Three hours lecture, three hours laboratory (4)

Prerequisites: MATH 1720 or higher or permission of instructor

Occurrence, movement, and properties of subsurface water with special emphasis on geological aspects of ground water. Secondary emphasis is placed on theories of ground water flow and flow-net analysis.

GEOL 4260 Remote Sensing - Three hours lecture, two hours laboratory (4)

(Cross listed with GEOG 4260)

Prerequisite: MATH 1730

Data capture, image characteristics and interpretation of aerial photography and satellite imagery, to include multispectral, thermal, and radar images. Digital image processing using a raster geographic information system.

GEOL 4450 Economic Geology - Three hours lecture, two hours laboratory (4)

Prerequisite: GEOL 3600 or permission of instructor

General features of mineral deposits, their origin, localization, and classification. Also incorporates classic examples of mineral deposits with their geologic and geographic occurrence.

GEOL 450A, B, C 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

Diversification of life, evolution of communities, faunas and floras, paleoecologic reconstruction, and evolutionary patterns are all components of paleontology. Current and past literature is explored to gain insight into patterns and processes in the history of life. Techniques in collection and analysis of paleontologic data are explored.

GEOL 4990 Field Camp (6)

Prerequisite: Completion of courses required for Geology

Distributive Major or Permission of faculty

Six week intensive experience in measuring section, stratigraphic and structural interpretation and geologic mapping in a wide variety of igneous, metamorphic and sedimentary Terranes. Projects involve producing geologic maps and reports. Aerial photographic interpretation skills, mapping, and location determination with GPS.

GEOL 4995 Seminar in Geosciences Communication (2)

Prerequisite: 12 upper division credit hours in Geology

Techniques of writing, editing, and oral presentation in the geosciences. Professional geologic reports, abstracts, 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 198.

GREEK MINOR

See Foreign Languages, page 198.

HEALTH AND HUMAN PERFORMANCE (B.S.)**College of Professional Programs and Social Sciences**

W. Chaffin (Chair), A. Black, R. Glass, A.R. Hansberry, M. Maurer, O. Shepherd, G. Steinberg

Location: Dunn Center, 268

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. Physical Education and Health add-on endorsements are available.

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

2000, 2010, 2050, 3000, 3020, 3300, 4000, 4050, 4060, 4070, 4150, 4210, 4220, 4250, 4300, 4990; PHED 1190, 1210, 1310; ACCT 2010; MKT 3010; PHIL 2300; and elective hours. No minor is required. BIOL 2010 and HHP 1250 are required in core.

SUGGESTED PROGRAM OF STUDY

Freshman Year	Cr	Sophomore Year	Cr
ENGL 1010, 1020	6	ACCT 2010	3
HIST 2010, 2020	6	COMM 1010	3
Humanities and /or Fine Arts	3	Humanities and /or Fine Arts	6
Nat SCI: Require BIOL 2010	8	SOC BEH SCI	3
MATH	3	HHP 2000, 2010, 2050, 3300	12
APSU 1000	1	PHED 1190	1
		PHIL 2300	3
Total Hours	30	Total Hours	31
Junior Year	Cr	Senior Year	Cr
HHP 3000, 3020, 4050, 4150, 4210	15	HHP 4000, 4060, 4070	9
HHP 4220, 4250, 4300	9	HHP 4990	12
PHED 1310	1	PHED 1210	1
Electives	6	MKT 3010	3
		Electives	3
Total Hours	31	Total Hours	27

HEALTH TEACHING MAJOR (GRADES 7-12)

2000, 2010, 2030, 2050, 3020, 3110, 3210, 3400, 4050, 4060, 4070, 4210, 4300, 4400, 4500, and the Professional Education minor. Student Teaching is required for licensure in health. HHP 2010 and 4210 may substitute for EDUC 3040 and 4270 respectively. Elective hours. BIOL 2010 and HHP 1250 are required in core.

SUGGESTED PROGRAM OF STUDY

Freshman Year	Cr	Sophomore Year	Cr
ENGL 1010, 1020	6	COMM 1010	3
HIST 2010, 2020	6	Humanities and /or Fine Arts	6
Humanities and /or Fine Arts	3	SOC BEH SCI: HHP 1250	3
Nat SCI: Require BIOL 2010	8	SOC BEH SCI	3
HHP 2000	3	HHP 2010, 2030, 2050, 3020, 3110	15
MATH	3		
APSU 1000	3		
Total Hours	32	Total Hours	30

Junior Year	Cr	Senior Year	Cr
HHP 3210, 3400, 4050, 4210, 4300	15	HHP 4060, 4070	6
HHP 4400, 4500	6	EDUC 4080, 4160	6
PYS 3130, 3200	6	Student Teaching	12
SPED 3000	3	Electives	5
Elective	3		
Total Hours	33	Total Hours	29

HEALTH AND HUMAN PERFORMANCE (NON-TEACHING MAJOR)

2000, 2010, 2030, 2120, 2240, 3010, 3020, 3110, 3150, 3190, 4040, 4210, 4220, 4240, 4250, 4990, and elective hours. Directed study or minor consisting of 18 semester hours. HHP 1250 and BIOL 2010 are required in core.

SUGGESTED PROGRAM OF STUDY

Freshman Year	Cr	Sophomore Year	Cr
ENGL 1010, 1020	6	COMM 1010	3
HIST 2010, 2020	6	Humanities and /or Fine Arts	6
Humanities and /or Fine Arts	3	SOC BEH SCI:	3
Nat SCI: Require BIOL 2010	8	HHP 2000, 2010, 2030, 2120	12
SOC BEH SCI: HHP 1250	3	HHP 2240, 3020	6
MATH	3		
APSU 1000	1		
Total Hours	30	Total Hours	30

Junior Year	Cr	Senior Year	Cr
HHP 3010, 3110, 3150, 3190, 4040	15	HHP 4990	12
HHP 4210, 4220, 4240, 4250	12	Minor or Directed Study	18
Electives	3		
Total Hours	30	Total Hours	30

HEALTH MAJOR: HEALTH SPECIALIZATION

2000, 2010, 2030, 2050, 3000, 3020, 3400, 4000, 4060, 4070, 4300, 4500, 4600, 4990, and Elective hours. Directed study or minor consisting of 18 semester hours. HHP 1250 and BIOL 2010 are required in core.

SUGGESTED PROGRAM OF STUDY

Freshman Year	Cr	Sophomore Year	Cr
ENGL 1010, 1020	6	COMM 1010	3
HIST 2010, 2020	6	Humanities and /or Fine Arts	6
Humanities and /or Fine Arts	3	SOC BEH SCI:	3
Nat SCI: Require BIOL 2010	8	HHP 2000, 2010, 2030, 2050, 3020	15
SOC BEH SCI: HHP 1250	3		
MATH	3		
APSU 1000	1		
Total Hours	30	Total Hours	27

Junior Year	Cr	Senior Year	Cr
HHP 3000, 3400, 4300, 4500, 4600	15	HHP 4000, 4060, 4070	9
Minor or Directed Study	18	HHP 4990	12
		Electives	9
Total Hours	33	Total Hours	30

HEALTH AND HUMAN PERFORMANCE DISTRIBUTIVE MAJOR: HEALTH CARE MANAGEMENT SPECIALIZATION

2000, 2010, 2050, 3000, 3020, 4000, 4060, 4070, 4500, 4600, 4990; ACCT 2010; MGT 3210; MKT 3010; PHIL 2300; PSY 2010, 4060, 4500; SOC 3700. Elective hours. BIOL 2010 and HHP 1290 are required in core.

SUGGESTED PROGRAM OF STUDY

Freshman Year	Cr	Sophomore Year	Cr
ENGL 1010, 1020	6	ACCT 2010	3
HIST 2010, 2020	6	COMM 1010	3
Humanities and /or Fine Arts	3	Humanities and /or Fine Arts	6
Nat SCI: Require BIOL 2010	8	SOC BEH SCI:	3
SOC BEH SCI: HHP 1250	3	HHP 2000, 2010, 2050	9
MATH	3	PHIL 2300	3
APSU 1000	1	PSY 2010	3
Total Hours	30	Total Hours	30
Junior Year	Cr	Senior Year	Cr
HHP 3000, 3020, 4500, 4600	12	HHP 4000, 4060, 4070	9
MKT 3010	3	HHP 4990	12
MGT 3210	3	PSY 4060, 4500	6
SOC 3700	3	Electives	3
Electives	9		
Total Hours	30	Total Hours	30

HEALTH AND HUMAN PERFORMANCE: TEACHING MAJOR (GRADES K-12)

2010, 2030, 2050, 2120, 2240, 3010, 3020, 3110, 3150, 3210, 3400, 4060, 4210, 4220, 4240, 4250, 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). BIOL 2010 and HHP 1250 are required in core. HHP 2010 and HHP 4210 substitute for EDUC 3040 and EDUC 4270 respectively.

SUGGESTED PROGRAM OF STUDY

Freshman Year	Cr	Sophomore Year	Cr
ENGL 1010, 1020	6	COMM 1010	3
EDUC 2100	2	Humanities and /or Fine Arts	6
HIST 2010, 2020	6	HHP 2010, 2030, 2050, 2120, 2240	15
Humanities and /or Fine Arts	3	HHP 3020, 3110	6
APSU 1000	1	SOC BEH SCI	3
NAT SCI: Require BIOL 2010	8		
SOC BEH SCI: HHP 1250	3		
MATH	3		
Total Hours	32	Total Hours	33
Junior Year	Cr	Senior Year	Cr
HHP 3010, 3150, 3210, 3400	12	HHP 4060, 4240, 4250	9
HHP 4210, 4220, 4400	9	EDUC 4080, 4160	6
PYS 3110, 3130	6	Student Teaching	12
SPED 3000	3	Electives	2
Total Hours	30	Total Hours	29

HEALTH MINOR (18 Hours)

1250, 2050, 4060 and nine hours from following courses (see advisor): HHP 2000, 2030, 3020, 3110, 3190, 3300, 4000, 4050, 4070, 4080, 4300, 4500, 4000.

HEALTH 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 570) are required. HHP 2030, 2050, 3020, 3110, 3400, 4060, 4070, and 4400. Student Teaching may be required.

PHYSICAL EDUCATION MINOR (18 Hours)

HHP 2120, 2240, 3150, 4040, and six hours from the following courses (see advisor): HHP 1250, 2000, 3010, 3190, 3300, 4210, 4240

PHYSICAL EDUCATION ADD-ON ENDORSEMENT

If the candidate has received teaching licensure in Tennessee, the completion of the following Add-on Physical Education Teaching Endorsement and the Praxis II Physical Education Exams (code-10091; minimum score of 152, code 30092; minimum score of 148) are required. HHP 2120, 2240, 3150, 3210, 4220, 4240, 4250 and 4400. Student Teaching may be required.

COURSE DESCRIPTIONS**HHP 1210 Principles of Nutrition (3)**

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 1250 Wellness Concepts and Practices (3)

Course combines health-related content knowledge with participation in physical activity. Content areas include fitness concepts, nutrition and weight management, substance use and abuse, prevention of chronic disease, and human sexuality.

HHP 2000 First Aid, CPR, and Safety (3)

Designed to help students recognize and control injury risk factors through an introduction to the public health approach to injury prevention. Includes skills training for certification in CPR, AED, and first aid to provide immediate and temporary care in the event of an injury or sudden illness.

HHP 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 2010 Technology Applications for Health and Human Performance (3)

Competency in microcomputer applications in instructional process and in management of health, physical education and sport. Gives hands-on experience in using a variety of hardware and HHP specific software applications.

HHP 2030 Youth and Adolescent Health (3)

Offers teachers and others working with school-age persons an understanding of key health issues. Focus is on health topics related to family living, including intimacy, reproductive health and STDs, mental health including addictive behaviors, stress and suicide, and injury prevention and safety. Educational and risk reduction strategies are featured.

HHP 2050 Community and Environmental Health (3)

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)

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 2120 Rhythmic Movement and Educational Gymnastics (3)

Scope, content and skill practice of both the educational gymnastics and rhythmic movement programs will be explored. The student will have the opportunity to demonstrate effective teaching strategies in a laboratory setting. Emphasis is placed on planning and organizing activities in grades K-12.

HHP 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)

Comprehensive instruction to give the student planning to major in physical education an orientation to the scope of physical education and lifetime wellness programs.

HHP 3000 Health Care Management (3)

Prerequisite: 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, the band and tubing exercises, goniometer usage, vision testing, girth measurements, and joint flexibility measurements.

HHP 3010 Adapted Physical Education (3)

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 3020 Nutrition: Science and Application (3)

Prerequisite: Upper division standing or permission of department chair

Introduction to the science of nutrition and application knowledge through the use of dietary assessment tools needed for lifestyle changes and wellness promotion.

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 3110 Substance Use And Abuse (3)

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 3150 Teaching Individual, Dual, And Team Sports (3)

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)

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)

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)

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)

Prerequisite: Upper division standing or permission of department chair

Structure, function, and organization of the various tissues, organs, and systems of the human body, anatomic fundamentals of human motion, and the application to a wide variety of motor skills, athletic training and physical rehabilitation.

HHP 3400 Comprehensive and Coordinated School Health Program (3)

Prerequisite: Upper division standing or permission of department chair

The course will focus on the components of a total school health program including school health services, safe and healthful school environment, and comprehensive health education. Emphasis will be placed on methods of organizing and implementing a coordinated K-12 school health program.

HHP 4000 Introduction to Gerontology (3)

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)

Prerequisite: Upper division standing or permission of department chair

Designed to help students understand specific concepts of wellness promotion in a variety of community settings. Current methods in designing programs that encourage individuals to take responsibility for their own state of health; thus, changing behavior patterns of at-risk population to behaviors that move toward an optimum wellness status.

HHP 4060 Consumer Health (3)

Prerequisite: 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)

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)

Prerequisite: Upper division standing or permission of department chair

The focus is on the human or personal aspect of sexuality. Emphasis is placed on attitudes, emotions, and behavior patterns as related to the development of healthy sexual lifestyles rather than on the anatomy and physiology of the reproductive system. Students are encouraged to integrate their own life experiences with the academic materials.

HHP 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 4150 Fitness Assessment and Exercise Prescription (3)

Prerequisite: Upper division standing or permission of department chair

An explanation of the importance of exercise in wellness and lifestyle enhancement. Topics covered include exercise prescription, physical fitness assessment, application of training principles, and administration of activity programs in community, corporate, or hospital wellness setting.

HHP 4210 Measurement and Evaluation of Physical Education (3)

Prerequisite: 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)

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)

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)

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)

Prerequisite: Upper division standing or permission of department chair

An introductory study of stress, stressors, and stress intervention techniques. This course complements other health offerings by giving students the opportunity to learn about stress as related to current health problems.

HHP 4400 Teaching Health And Human Performance (3)

Prerequisite: 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.

HHP4500 Epidemiology (3)

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 Law (3)

Prerequisite: Upper division standing or permission of department chair

The study of selected public health laws applicable to health care administration as well as to the management of wellness promotion programs.

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 and Human Performance (12)

Prerequisite: Upper division standing or permission of department chair

The internship consists of 400 work or contact hours of observation and participation from selected agencies, corporations or organizations.

PHED 1xxx, 2xxx Selected Physical Education Activities (1 each)

Provides instruction in fundamental skills and knowledge of physical or recreational skills which are popular and which are not included in the regular curricular offerings.

PHED 1010	Jogging
PHED 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, Zieren.

Location: Harned Hall 340

Phone: 931-221-7919

Website: 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, six hours upper division history electives, and three in 4900. HIST 2010, 2020 are required as part of core. HIST 4400 is excluded from the major. Completion of a major test during the senior year is required. A minor is required.

TEACHER LICENSURE (35 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 from major but required for teaching licensure) with at least six hours earned in U.S. History, six hours in non-U.S. History, six hours upper division history electives and History 4900. Social Studies core (9 hours): ECON 2010; GEOG 1020, 1030; POLS 2010; (One of these courses must be completed in the General Education.) All course selections to be coordinated with History Education Advisor. History major test during senior year is required.

Select at least one field of emphasis for licensure:

POLS (6 hours): 2040, and 2070 or 3120 or 3140.

ECON (6 hours): 2020 and three hours upper division economics from 3010, 3020 or 3510.

GEOG (6 hours): GEOG 3110, 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 Science degree with a major in history with teaching licensure. Actual schedules may differ. Students should consult with their academic advisors when preparing their schedules.

Freshman Year	Cr	Sophomore Year	Cr
ART 1030	3	EDUC 2100	2
ECON 2010	3	ENGL 2030	3
COMM 1010	3	GEOG 1020	3
ENGL 1010, 2020	6	PHIL 1030	3
HIST 2010, 2020	6	SCI Core*	8
APSU 1000	1	HIST 1210, 1220	6
MATH 1010	3	ART 1030	3
POLS 2010	3		
Total Hours	28	Total Hours	28
Junior Year	Cr	Senior Year	Cr
ECON 2020	3	EDUC	18
EDUC	15	HIST 4900	3
US HIST Elective	6	HIST Elective	6
Non-US HIST Elective	6	HIST 4400	3
GEOG 1030	3	ECON 3010	3
Total Hours	33	Total Hours	33

*Refer to Liberal Arts core requirements.

MINOR (21 HOURS)

1210, 1220, 2010, 2020, with the remaining nine hours elected from upper division courses, excluding 4400

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. Linda Barnes

Location: Harned Hall 215

Phone: 931-221-7119 or 7891

Email: honors@apsu.edu

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

also offers a four year program option for students who wish to continue in the program in their junior and senior years. Special provision is made each semester for strong students to individualize their studies.

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 the APSU web site, www.apsu.edu/scholarships. 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.

Students who successfully complete fifteen hours of credit in the Honors Program will receive an Honors Certificate, and a notation of this achievement on official transcripts. Furthermore, students will receive the designation of Honors Scholar upon graduation. The Four-Year Honors Program, or those transferring into the Honors Program from other schools, will develop enrichment activities designed by their major departments and the Honors Director during their junior and senior years. All Four-Year Honors plans must be approved by the Honors Program. All Four-Year Honors students will be expected to participate in the yearly honors symposium.

Upon completion of the Four-Year Honors Program, students will graduate as Honors Program Scholars with Special Distinction and will be so recognized on all official university transcripts and at their graduation.

The Honors Program is compatible with departmental majors and with other special programs such as the President's Emerging Leaders Program. Special arrangements may be made with academic departments to provide Honors credit for advanced courses offered in those departments.

For information about specific Honors Course(s) and to apply for the Honors Program contact the Director of the Honors Program, Dr. Linda Barnes, APSU Box 4487, Telephone (931) 221-7119 or 7891.

HONORS COURSES

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

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: www.apsu.edu/iec/ism.htm

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.

REQUIRED COURSE (3 HOURS)

INTS 2000 Introduction to International Studies.

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
POLS 2070	International Politics
POLS 3020	American Foreign Policy
POLS 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 Conversation in French
GEOG 3150	Maps and Their Interpretation
GEOG 3200	Living in the Environment
HIST 3410	Modern Germany
HIST 3470	Modern Latin America
POLS 3110	British Politics and Government
POLS 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
POLS 3360	Study Abroad - Africa

Cooperative Center for Study Abroad (CCSA) Courses

(Courses are offered in English speaking countries)

Study Abroad in Germany and France

HIST 490A	The Holocaust Traveling Seminar
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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
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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.

INTERDISCIPLINARY STUDIES MAJOR

See Education, page 172.

JOURNALISM MINOR

See Communication Arts, page 151.

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)
HIST 3470	Modern Latin America (3)
POLS 3140	Latin American Politics (3)
POLS 451A	Selected Topics with Latin American focus (3)

Select two courses from 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 199.

LEADERSHIP STUDIES

School of Business

C. Reagan, Director; D. Berty, H. Davis, J. Menningall, B. Phillips, W. Rayburn

LEADERSHIP MINOR

The leadership minor is designed to prepare students as emerging leaders in public or private organizations and as active participants in community service and development. The program is open to any student who plans to seek careers in business, public, or nonprofit organizations or to enter graduate programs, particularly in administration, communications, international studies, law, leadership, philosophy, and community and human development.

LEADERSHIP MINOR REQUIREMENTS (18 HOURS)

LDSP 3000, 3100, 3200, 4000; COMM 4020, and a 3-hour course with an international focus as approved by the director of Leadership Studies.

See pages 287-288 for information about the President's Emerging Leaders Program, an enrichment and scholarship program for selected students.

COURSE DESCRIPTIONS

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 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 setting.

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 health 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 4200 Leadership, Technology, and Change (3)

This course (open to all APSU students) examines how the leader of any type of organization deals with technology as an agent of change. Students investigate how technology changes organizations and their environments, and they formulate strategies for leading diverse groups through technological change.

LEADERSHIP- PRESIDENT'S EMERGING LEADERS PROGRAM

See page 287.

MANAGEMENT CONCENTRATION

See Business, page 133.

MARKETING CONCENTRATION

See Business, page 134.

MASS COMMUNICATION CONCENTRATION

See Communication Arts, page 145.

MATHEMATICS (B.S.)

College of Science and Mathematics

Hoehn (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/mathematics/

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. A minor is required.

CONCENTRATION IN STATISTICS

Includes the Major Core and 3250, 3260, 3270, 4250, 4260, and 4270. A minor is required.

CONCENTRATION IN MATHEMATICS EDUCATION

Includes the Major Core and 3000, 3630; 4010, 4110; MAED 4400, MATH 4200, three hours approved mathematics electives greater than or equal to 4000; Student Teaching, and the Professional Education minor (omitting EDUC 3040).

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
CSCI 1010	3	COMM 1010	3
Humanities Core	3	ENGL 2030	3
ENGL 1010, 1020	6	HIST 2010, 2020	6
MATH 1910, 1920	10	Humanities Core	3
APSU 1000	1	SCI Core	8
SOC SCI Core	6	MATH 2110, 3010, 3450	9
Total Hours	29	Total Hours	32

Junior Year	Cr	Senior Year	Cr
Electives	6	Electives	10
MATH 3120, 3130, 4240, 4250	12	MATH 4450, 4500	6
MATH 3000 Elective	3	MATH 4810	1
Minor Courses	9	MATH 4000 Elective	3
		Minor Courses	9
Total Hours	30	Total Hours	29

SUGGESTED PROGRAM OF STUDY IN STATISTICS

Freshman Year	Cr	Sophomore Year	Cr
CSCI 1010	3	COMM 1010	3
ENGL 1010, 1020	6	ENGL 2030	3
MATH 1910, 1920	10	HIST 2010, 2020	6
APSU 1000	1	MATH 2110, 3010, 3450	9
SOC SCI Core	3	SCI Core	8
Humanities Core	6	SOC SCI Core	3
Total Hours	29	Total Hours	32

Junior Year	Cr	Senior Year	Cr
Electives	9	Electives	7
MATH 3250, 3260, 4240, 4450	12	MATH 3270, 4250, 4260, 4270	12
Minor Courses	9	MATH 4810	1
		Minor Courses	9
Total Hours	30	Total Hours	29

SUGGESTED PROGRAM OF STUDY IN MATHEMATICS EDUCATION

Freshman Year	Cr	Sophomore Year	Cr
CSCI 1010	3	COMM 1010	3
EDUC 2100	2	SPED 3000	3
ENGL 1010, 1020	6	ENGL 2030	3
HIST Core	6	MATH 2110, 3010, 3450	9
Humanities Core	3	SCI Core	8
MATH 1910, 1920	10	SOC SCI Core	6
APSU 1000	1		
Total Hours	31	Total Hours	32

Junior Year	Cr	Senior Year	Cr
Humanities Core	3	EDUC 4080, 4160, 4270	9
MATH 3000, 3630, 4010, 4200, 4240, 4450	18	EDUC 4510, 4610	12
MATH 4000 Elective	3	MAED 4400	3
PSY 3130, 3200	6	MATH 4110, 4810	4
Total Hours	30	Total Hours	28

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)

Prerequisite: A mathematical background equivalent to high school Algebra I, Geometry and Algebra II

This course examines how different areas of mathematics explain and shape our world, as well as how we view and experience it. 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)

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 1410 Structure 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/Fail 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: A mathematical background equivalent to high school Algebra I & II and Geometry

Measures of central tendency and dispersion for descriptive statistics, estimations of confidence intervals for means and proportions, probability distributions, hypotheses testing, analysis of variance, the least squares method, and correlation analysis.

MATH 1710 College Algebra (3)

Prerequisite: A mathematical background equivalent to high school Algebra I & II and Geometry

A study of functions and their representations with emphasis on the use of functions in problem-solving and modeling contexts. Topics include polynomial functions, rational functions, power and root functions, inverse functions, and systems of equations.

MATH 1720 Trigonometry (3)

Course renumbered from MATH 1330

Prerequisite: A working knowledge of two years of high school Algebra and Geometry or equivalent

Circular functions and their graphs, inverses, identities and conditional equations, solutions of triangles, trigonometric form of complex numbers, DeMoivre's Theorem, exponential and logarithmic functions, parametric and polar equations.

MATH 1730 Precalculus (4)

Prerequisite: A working knowledge of two years of high school Algebra and Geometry or equivalent.

Analysis of functions and their graphs, inverse functions, exponential and logarithmic functions, theory of equations, conic sections, circular functions and their graphs, trigonometric identities and conditional equations, solutions of triangles, trigonometric form of complex numbers, DeMoivre's Theorem, parametric and polar equations. Structured primarily to prepare students for Math 1910.

MATH 1810 Elements of Calculus (3)

Course renumbered from MATH 1610

Prerequisite: A working knowledge of two years of high school Algebra and Geometry or equivalent

Designed for students whose major interest is outside the physical sciences but who require a working knowledge of calculus. Limits, the derivative, differentiation techniques, applications of differentiation, the definite integral, integration techniques, and applications of integration.

MATH 1820 Elements of Calculus (3)

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 MATH 2010

Prerequisite: Four years high school mathematics, including Trigonometry

Elements of plane analytic geometry, functions, limits, derivatives of algebraic and trigonometric functions, integration, and applications.

MATH 1920 Calculus And Analytic Geometry (5)

Course renumbered from MATH 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 MATH 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.

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 1910 or equivalent

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 1910 or equivalent

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 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 mappings, 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, 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, Wallace

Location: Sundquist Science Complex, D125

Phone: 931-221-7781

Website: 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

Freshmen	Cr	Sophomore Year	Cr
BIOL 2010, 2020	8	BIOL 2300	4
CHEM 1110, 1120	10	CHEM 3500, 4300	8
ENGL 1010, 1020	6	COMM 1010	3
APSU 1000	1	ENGL 2030	3
MATH 1730 (Pre-calculus)	4	MUS 1030 ¹	3
		SOC 2010 ¹	3
Total Hours	29	Total Hours	24

Junior Year	Cr	Senior Year	Cr
ART 1030 ¹	6	BIOL 4750, 4090	7
BIOL 3940, 3760	8	BIOL 4950, 4290 ²	8
BIOL 4110 or 4600 or 4160 or 4130 or		BIOL 4970, 4390 ²	8
BIOL 4440	4	BIOL 4900 ²	1
PSY 1010 ¹	3	BIOL 4490 ² , 4980	8
HIST 2010, 2020	6		
Total Hours	24	Total Hours	32
Summer - Full Session	Cr		
BIOL 4910, 4940, 4730	12		
Total Hours	12		

¹ Strongly recommended; however, other courses from the approved B.S. core may be elected.

² Clinical courses.

MILITARY SCIENCE AND LEADERSHIP

College of Professional Studies and Social Sciences

Bird (Chair), King, Lane, Swords, Werner, KLO

Location: Armory, 107

Phone: 931-221-6155

Website: 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, medical, 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 30 years of age at the time of enrollment. (The maximum age limit is subject to waiver under certain circumstances).
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 32 years of age by December 31st 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 Leadership Development and Assessment 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 apply to 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 active duty management position is approximately \$36,000 per year with 30 days paid vacation each year and free medical and dental coverage.

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 may 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 \$700, 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.

LEADERSHIP DEVELOPMENT AND ASSESSMENT COURSE (LDAC)

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 LDAC, training is received in leadership, small unit and individual tactics, map reading, orienteering, physical training, first aid, and communication. The course is held at Fort Lewis, Washington, and post facilities are available to the students. Students attending LDAC receive approximately \$750, and room and board. Four academic credit hours are granted for successful completion of LDAC. 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)

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)

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)

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)

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)

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)

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)

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 Leadership Development and Assessment Course (4)

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)

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)

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)

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)

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

Silverberg (Chair), Clark, Droste, Flythe, Frank, A. Glass, Halbeck, Henderson, Kenaston-French, King, S. Mabry, Massinon, Steffen, Steinquest, Stone, Vanarsdel, Wolyneec, Wood, Yates.

Location: Music/Mass Communication, 139

Phone: (931) 221-7818; Fax (931) 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:

1. Providing training and experience for students preparing for careers in music performance and composition;
2. Providing training toward the development of critical thinking in music;
3. 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;
4. Providing educational resources and musical experiences as part of a comprehensive Liberal Arts education; and
5. 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 Music³

SUGGESTED PROGRAM OF STUDY
Liberal Studies Concentration

Freshman Year	Cr	Sophomore Year	Cr
COMM Core ¹	3	ENGL 2030 ¹	3
ENGL 1010, 1020	6	Ensemble	2
Ensemble	2	Humanities Core ¹	3
MUS 1180, 1190, 1185, 1195	8	MUS 2180, 2185, 2190, 2195	8
MUS 1060 x 2	0	MUS 1060 x 2	0
MUS 1160 or 1100	1	MUS 3160	3
MUS 1170 or 1100	1	MUS 1160 or 1100	1
MUS 1970	3	Private Instruction	4
Private Instruction	4	SOC SCI Core ¹	3
MATH Core ¹	3	Nat SCI Core ¹	8
SOC SCI Core ¹	3		
APSU 1000	1		
Inter Foreign LANG ³	3		
Total Hours	34	Total Hours	35
Junior Year	Cr	Senior Year	Cr
MUS 1060 x 2	0	MUS 1060 x 2	0
Ensemble	2	Ensemble	2
Private Instruction	2	HIST Core ¹	6
MUS 3010, 3020	6	MUS Pedagogy	3
MUS 3800	2	MUS 4930	1
Humanities Core ¹	3	MUS Elective	1
SOC SCI Core ¹	3	Minor	9-14
Minor	9-14		
Total Hours	27-32	Total Hours	16-22

The student must also complete a minor in another department.

¹ Refer to Liberal Arts core requirements

² Professional Education Minor

³ Add Intermediate Foreign Language (6) for B.A.

BA/BS in Music³**SUGGESTED PROGRAM OF STUDY**
Music Education Concentration - Instrumental Specialization

Freshman Year	Cr	Sophomore Year	Cr
MUS 1060 x2	0	MUS 1060 x2	0
MUS 1180, 1190, 1185, 1195	8	MUS 2180, 2185, 2190, 2195	8
MUS 1970	3	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 2100 ²	2
MUS 1600, 1350, or 1990	1	ENGL 2030 ¹	3
Private Instruction	4	SOC SCI Core ¹	8
COMM 1010 ¹	3	MUS 3890 or 3900 or 4790 or 4800 or	
SOC SCI Core ¹	3	MUS 4890	3
MATH Core ¹	3	MUS 1100	4
ENGL 1010, 1020 ¹	6	MUS 3160*	3
Ensemble	2	Ensemble	2
APSU 1000	1	Nat SCI Core ¹	4
Inter Foreign LANG ³	6	Humanities Core ¹	3
		SPED 3000 ²	3
Total Hours	37-43	Total Hours	44

Junior Year	Cr	Senior Year	Cr
MUS 1060 x2	0	MUS 1060 x2	0
Private Instruction	2	MUS 3630 or 3350 or 3990	1
MUS 3010, 3020	6	MUS 3600 or 3350 or 3990	1
MUS 3630 or 3350 or 3990	1	MUS 4810, 4930	4
MUS 3600 or 3350 or 3990	1	MUS 1250 or 1500 or 3500	1
MUS 3890 or 3900 or 4790 or 4800 or		EDUC 4080, 4160, 4270 ²	9
MUS 4890	3	PSY 3200 ²	3
MUS 3240, 3800, 3820, 4260	8	Ensemble	2
MUS 3860 or 4240 or 4420	3	HIST core ¹	6
Ensemble	2	Nat SCI Core ¹	4
Humanities Core ¹	3		
PSY 3130 ²	3		
SOC SCI Core ¹	3		
Total Hours	44	Total Hours	34-37

Fifth	Cr
Student Teaching ²	12
Total Hours	12

The student must also complete a minor in another department.

¹ Refer to Liberal Arts core requirements

² Professional Education Minor

³ Add Intermediate Foreign Language (6) for B.A.

* highly recommended

BS in Music³

SUGGESTED PROGRAM OF STUDY Music Education Concentration - Keyboard Specialization

Freshman Year	Cr	Sophomore Year	Cr
MUS 1060 x 2	0	MUS 1060 x2	0
MUS 1180, 1185, 1190, 1195	8	MUS 2180, 2185, 2190, 2195	8
MUS 1970	3	Ensemble	2
COMM 1010	3	Private Instruction	4
Ensemble	2	EDUC 2100 ²	3
Private Instruction	4	SOC SCI Core ¹	3
ENGL 1010 ¹ , 1020 ¹	6	SPED 3000 ²	3
MATH core ¹	3	NAT SCI Core ¹	4
Inter Foreign LANG ³	3	Humanities Care	3
SOC SCI Core ¹	3		
APSU 1000	1		
Total Hours	33-39	Total Hours	32
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 3160, *3240, 3250, 3800, 3810	11	MUS 4380 or 4270 or 4280	3
MUS 4380 or 4270 or 4280	3	PSY 3200 ²	3
MUS 1210 or pass proficiency	1	EDUC 4160, 4270 ² , 4080 ²	9
PSY 3130 ²	3	PSY 3200 ²	3
Non Music elective	3	EDUC 4160, 4270 ² , 4080 ²	9
Humanities Core ¹	3	HIST core ¹	6
SOC SCI Core	3	NAT SCI Core ¹	4
Total Hours	42	Total Hours	32
Fifth	Cr		
Student Teaching ⁴	12		
Total Hours	12		

The student must also complete a minor in another department.

¹ Refer to Liberal Arts core requirements

² Professional Education Minor

³ Add Intermediate Foreign Language (6) for B.A.

* highly recommended (will substitute EDUC 3040)

B/BS in Music
SUGGESTED PROGRAM OF STUDY
Music Education Concentration - Vocal Specialization

Freshman Year	Cr	Sophomore Year	Cr
MUS 1060 x2	0	MUS 1060 x2	0
MUS 1180, 1185, 1190, 1195	10	MUS 1100 x2, 2180, 2185, 2190, 2195	10
MUS 1970	3	MUS 1500 x2	2
MUS 1950, 1960	4	MUS 3160 *	3
MUS 1160 or 1100	1	Private Instruction	2
MUS 1170 or 1100	1	EDUC 2100 ²	3
Private Instruction	4	Private Instruction	2
ENGL 1010 ¹ , 1020 ¹	3	SPED 3000 ²	3
MATH Core	3	ENGL 2030 ¹	3
Inter foreign LANG ³	6	Nat SCI Core ¹	4
COMM 1010	3	SOC SCI Core ¹	3
SOC SCI Core ¹	3		
APSU 1000	1		
Total Hours	36-42	Total Hours	35
Junior Year	Cr	Senior Year	Cr
MUS 1060 x2	0	MUS 1060 x2	0
Private Instruction	2	MUS 3500 x2	2
MUS 3010, 3020	6	MUS 4810, 4930	4
MUS 3500 x2	2	PSY 3200 ²	3
MUS 1100 x2	2	EDUC 4080 ²	3
MUS 3160, *3800, 3810, 3250, 3240	11	HIST Core ¹	6
MUS 1210 or pass proficiency	1	NAT SCI Core ¹	4
MUS 4380 or 4270	3		
MUS 4390 or 4370 or 4450	3		
Humanities Core ¹	3		
SOC SCI Core ¹	3		
PSY 3130 ²	3		
Non Music elective	3		
Total Hours	42	Total Hours	22
<u>Fifth Year</u>	<u>Cr</u>		
Student Teaching ²	12		
Total Hours	12		

The student must also complete a minor in another department.

¹ Refer to Liberal Arts core requirements

² Professional Education Minor

³ Add Intermediate Foreign Language (6) for B.A.

* highly recommended (will substitute EDUC 3040)

BA/BS in Music²

SUGGESTED PROGRAM OF STUDY Performance Concentration - Composition Specialization

Freshman Year	Cr	Sophomore Year	Cr
MUS 1060 x2	0	MUS 1060 x 2	0
MUS 1180, 1185, 1190, 1195	8	MUS 2180, 2185, 2190, 2195	8
MUS 1970	3	MUS 2020, 3510, 3520	9
MUS 1170 or 1100 x2	2	MUS 1100 x2	2
COMM 1010	3	MUS 1550	6
Ensemble	2	ENGL 2030	3
Private Instruction	4	SOC SCI Core ¹	3
MUS 1160 or 1100	1	Ensemble	2
ENGL 1010 ¹ , 1020 ¹	6	Private Instruction	2
Inter Foreign LANG ²	6	Humanities Core ¹	3
SOC SCI Core ¹	3	Nat SCI Core ¹	4
MATH Core ¹	3		
APSU 1000	1		
Total Hours	36-42	Total Hours	42
Junior Year	Cr	Senior Year	Cr
MUS 1060 x2	0	MUS 1060 x2	0
MUS 3010, 3020, 3160, 4350	12	MUS 4110, 4120	6
Private Instruction	1	MUS 4810, 4950	4
Ensemble	2	MUS 3550	6
MUS 1550, 3550	6	Ensemble	2
Humanities Core ¹	3	HIST Core ¹	6
Non Music elective	6	Pedogogy and Methods ⁴	4-5
MUS Lit Elective ³	3	Nat SCI Core ¹	4
SOC SCI Core ¹	3		
Total Hours	36	Total Hours	32-33

¹ Refer to Liberal Arts core requirements

² Add Intermediate Foreign Language (6) for B.A.

³ Choose from 4310, 4330, 4340, 4370, 4390, 4420, 4430, 4450, 4460, 4550

⁴ Choose from 3890, 3900, 4790-4800, 4890, 4270

BA/BS in Music²**SUGGESTED PROGRAM OF STUDY****Performance Concentration - Instrumental Specialization**

Freshman Year	Cr	Sophomore Year	Cr
MUS 1060 x2	0	MUS 1060 x2	0
MUS 1180, 1185, 1190, 1195	8	MUS 2180, 2185, 2190, 2195, 3160	11
MUS 1160, 1170 or 1100	2	MUS 1160, 1170 or 1100	2
Ensemble	3	MUS 1160 or 1100	1
COMM 1010 ¹	3	Ensemble	3
Private Instruction	6	Private Instruction	6
MATH Core ¹	3	ENGL 2030 ¹	3
MUS 1970	3	Nat SCI Core ¹	8
ENGL 1010 ¹ , 1020 ¹	6	Humanities Core ¹	3
SOC SCI Core	3		
Inter Foreign LANG ²	6		
APSU 1000	1		
Total Hours	38-44	Total Hours	37
Junior Year	Cr	Senior Year	Cr
MUS 1060 x2	0	MUS 1060 x2	0
Private Instruction	6	Private Instruction	6
MUS 3010, 3020	7	MUS 4320 or 4420 or 4430	3
MUS 3950 ¹	3	MUS 3800, 3820	4
MUS 4110, 4120	6	MUS 4260, 4950	5
SOC SCI Core ¹	3	History Core ¹	6
MATH Core ¹	6	Non Music elective	6
Humanities Core ¹	3	Ensemble	3
Ensemble	3		
Total Hours	35	Total Hours	30

¹ Refer to Liberal Arts core requirements

² Add Intermediate Foreign Language (6) for B.A.

BA/BS in Music²**SUGGESTED PROGRAM OF STUDY****Performance Concentration - Keyboard Specialization**

Freshman Year	Cr	Sophomore Year	Cr
MUS 1060 x2	0	MUS 1060 x2	0
MUS 1180, 1185, 1190, 1195	8	MUS 2180, 2185, 2190, 2195	8
MUS 1970	3	Ensemble	2
Ensemble	2	Private Instruction	6
Private Instruction	6	MUS 3160	3
ENGL 1010 ¹ , 1020 ¹	6	MUS 1700 x2	2
MATH Core ¹	3	ENGL 2030	3
COMM 1010 ¹	3	HUM Core ¹	3
HUM Core ¹	3	Nat SCI Core ¹	8
Inter Foreign LANG ²	6		
APSU 1000	1		
Total Hours	35-41	Total Hours	35

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	HIST Core ¹	6
MUS 3700 x2	2	COMM 1010 or 2030 ¹	3
SOC SCI Core ¹	6	MUS 3700 x2, 4110, 4120, 4310	11
		MUS 4330 or 4340 or 4350	3
		MUS 4280, 4950, 4310, 4930	9
Total Hours	26	Total Hours	38

¹ Refer to Liberal Arts core requirements

² Add Intermediate Foreign Language (6) for B.A.

BA in Music²

SUGGESTED PROGRAM OF STUDY Performance Concentration - Vocal Specialization

Freshman Year	Cr	Sophomore Year	Cr
MUS 1060 x2	0	MUS 1060 x2	0
Private Instruction	6	Private Instruction	6
MUS 1180, 1185, 1190, 1195	8	MUS 2180, 2185, 2190, 2195	8
MUS 1160, 1170, 1100	2	MUS 1160, 1170, 1100	2
MUS 4522, 4523 or 4524	1	MUS 3160	3
MUS 1500 x2	2	MUS 1270	1
MUS 1970	3	MUS 1500 x2	2
ENGL 1010 ¹ , 1020 ¹	6	MUS 4522 or 4523 or 4524	1
COMM 1010 ¹	3	Humanities Core ¹	3
MATH Core ¹	3	Nat SCI Core ¹	8
Humanities Core ¹	3	ENGL 2030 ¹	3
Inter Foreign LANG ²	3		
APSU 1000	1		
Total Hours	45	Total Hours	38

Junior Year	Cr	Senior Year	Cr
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 or 4524	1	MUS 3500 x2	2
MUS 3500 x2	2	MUS 4370 or 4450	3
MATH core ¹	6	HIST core ¹	6
MUS 3950	1		
SOC SCI core ¹	6		
Total Hours	28	Total Hours	26

¹ Refer to Liberal Arts core requirements

² Add Intermediate Foreign Language (6) for B.A.

MUSIC MINOR

MUS THEORY	1180, 1185, 1190, 1195
MUS LIT	1970
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 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 two semesters of intermediate foreign language.

Transfer Students - Students transferring from another institution must take a proficiency examination in music theory before completing registration. Placement in music theory will depend upon the results of this examination. The transfer student's placement in applied music must be approved by the jury examination at the end of the first semester at 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 1180/1190 Music Theory I, II (3 each)

Development of reading and hearing skills; study of notations, scales, meters, intervals and chords; beginning study of melody and harmony. These courses must be taken sequentially.

MUS 1185/1195 Aural Skills I, II (1 each)

Students will cover basic ear training and sight singing, interval and chord identification, and melodic dictation. These courses must be taken sequentially.

MUS 1970 Introduction to Music Literature (3)

A course which introduces beginning music majors to a broad spectrum of musical styles and types, old and new, classical and popular, in the West and in selected non-Western cultures.

MUS 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 2180/2190 Music Theory III, IV (3 each)

Prerequisites: MUS 1180, 1190

Study of harmony and voice leading; basic chromatic harmony; 16th and 18th century counterpoint; 18th century form and analysis; development of analytical and compositional skills. Continued development of reading and hearing skills. These courses must be taken sequentially.

MUS 2185/2195 Aural Skills III, IV (1 each)

Prerequisites: MUS 1185, 1195

Students will cover intermediate ear training and sight singing, interval and chord identification, and melodic dictation. 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 conferencing, 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 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 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 4525 Fundamentals (1)

Fundamentals of correct pronunciation of the two languages 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.

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	\$150
One hour lesson per week	\$300

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 1550-3550	Composition
MUS 3950	Junior Recital (1)
MUS 4930	Senior Recital (1)
MUS 4950	Senior Recital (2)

NUCLEAR MEDICAL TECHNOLOGY

See Radiologic Technology, page 303.

NURSING (B.S.N.)

School of Nursing

College of Professional Programs and Social Sciences

Martin, K.L. (Director), Armstrong, 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/

(The material within this bulletin is for informational purposes only and does not constitute a contractual agreement. 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 School of Nursing offers a pre-licensure undergraduate program, the completion of which results in a BSN degree and educational eligibility for the graduate to write the Registered Nurse Licensing Examination for R.N. Licensure. Additionally, the School of Nursing offers an on-line post-licensure undergraduate program through which the licensed registered nurse may complete the requirements for the BSN degree, as well as a MSN program including multiple specialization tracks. Successful completion of mid-curricular and comprehensive exit exams are required for program progression and program completion. Students must review their course of studies with a designated School of Nursing Advisor.

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:

Tennessee Department of Health
Board of Nursing
1st Floor Cordell Hull Building
425 5th Ave. North
Nashville, TN 37247-1010
(615) 532-5166

National League for Nursing Accrediting Commission
61 Broadway, 33rd Floor
New York, NY 10006
(212) 363-555 x153
www.nlnac.org

SUGGESTED PROGRAM OF STUDY

(Includes all Liberal Arts core requirements for B.S. degree.

See page 88 for Liberal Arts core requirements).

Freshman Year	Cr	Sophomore Year	Cr
BIOL 2010, 2020 (plus labs)	8	BIOL 2300 (plus lab)	4
COMM, Spch core	3	ENGL 2030	3
ENGL 1010, 1020	6	HIST 2020	3
HIST 2010	3	MATH 1530	3
Humanities core	3	PSY 3100	3
APSU 1000	1	NURS 2020	4
PHIL core	3	NURS 2030	8
PSY 1010	3	NURS 2040	1
SOC 2010	3	NURS 2050	1
Total Hours	33	Total Hours	30
**Junior Year	Cr	Senior Year	Cr
NURS 3010	3	NURS 4010	3
NURS 3020	1	NURS 4040	6
NURS 3060	8	NURS 4050	6
NURS 3070	8	NURS 4060	8
NURS 3080	1	NURS 4070	6
NURS 3100	1	NURS 4080	2
NURS 3220	2	NURS 4100*	1
		NURS 4220	1
Total Hours	24	Total Hours	33

* NURS 4100 must be completed the semester in which the student is scheduled to graduate from the BSN program.

** Students may have up to six credit hours of general education core remaining upon admission to the School of Nursing. Each of these credit hours must be completed prior to beginning first semester junior level nursing course work.

1. Prerequisite Nursing Core must be taken before admission to nursing courses. (A maximum of 6 hours in the general education core may remain unearned by the beginning of the sophomore level nursing courses, but must be completed during the summer between the sophomore and junior level of nursing course work.)
2. Curriculum is full time.
3. Nursing lab and clinical hour requirements are conducted using a 2 clock hour = 1 student credit hour ratio. (1 clock hour = 50 minutes).
4. School of Nursing Policy requires completion of all non-nursing course work prior to initiation of junior level nursing courses.
5. Successful completion of mid-curricular and comprehensive exit exams are required for progression and program exit. 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 2020 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 2030 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 2040 Pharmacology For Self-Care (1)

Prerequisite: Admission to the BSN Program or consent of program director

Provides the basis for study of pharmacology principles. Includes safe dosage calculation and intravenous medication delivery including fluid and electrolyte imbalances. Prepares the beginning nursing student for future pharmacology courses in the nursing program.

NURS 2050 Nursing Informatics I (1)

Prerequisite: Admission to the BSN Program

This course provides student with an overview of nursing informatics and the theoretical foundation for information management within the health care setting. Students will explore technological advances related to health care delivery and a variety of information systems.

NURS 3010 Concepts of Self-Care (3)

Prerequisite: NURS 2020, 2030, 2040, 2050

Links concepts and theories from arts and sciences with concepts and theories for nurse agency.

NURS 3020 Psychopharmacology (1)

Prerequisite: Completion of sophomore level nursing courses or consent of program director

Integrates the principles of psychopharmacology in relation to the neurological and biological effects of chemical imbalances on human behavior. Includes knowledge of safe and effective clinical management of clients taking psychotropic medications.

NURS 3060 Nursing Systems Related to Mental Health (8)

Prerequisites: Completion of sophomore level nursing courses

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: Completion of sophomore level nursing courses

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 Lifespan Pharmacology (1)

Prerequisites: Completion of sophomore level nursing courses or permission of program director

Integrates the principles of pharmacology and pathophysiology for clients across the lifespan. Emphasizes pharmacotherapeutics for disorders across the lifespan.

NURS 3100 Clinical Integration I (1)

Co-requisites: NURS 3070, 3080, 3220

A junior level clinical integration of basic nursing care of patients with selected illnesses in structured health care environments. Students will be guided through the steps of problem solving using the nursing process within a self-care theory framework.

NURS 3220 Child Health Promotion (2)

Prerequisites: Completion of sophomore level nursing courses

Prepares the student to apply knowledge of development and health promotion while caring for infants, children, and adolescents. Emphasizes health teaching. Includes 1 student credit hour of clinical.

NURS 4010 Introduction of Research for The Nursing Agency (3)

Prerequisites: Completion of all junior level nursing courses

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 and completion of NURS 2020, 3010

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 (8)

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, 4060 (or may be taken concurrently). Successful completion of Junior nursing courses are required. Successful completion of 4060 is required prior to initiating NURS 4070 clinical.

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.)

NURS 4100 Clinical Integration II (1)

Prerequisites: This course must be taken during the semester in which the student is scheduled to graduate from the BSN program

A clinical synthesis of normal anatomy, physiology, assessment parameters, pathophysiology, and nursing assessment concepts in patients with selected illnesses. Students are guided through the steps of problem solving, prioritizing needs, determining short term and long term goals, anticipating therapeutic interventions, and initiating appropriate nursing care within a self-care theory framework.

NURS 4220 Nursing Informatics II (1)

Prerequisite: Completion of junior level nursing courses

This course explores the impact of automated data management through advances in information technology, health care information system, and tele-health. Exploration is conducted with an emphasis on consideration of legislation, policy, and ethical issues surrounding information privacy in the health care setting.

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

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

Freshman Year	Cr	Sophomore Year	Cr
ART 1030	3	ENGL 2030	3
COMM 1010	3	Foreign LANG 2010, 2020	6
ENGL 1010, 1020	6	MUS 1030	3
Foreign Lang 1010, 1020	8	PHIL 3040, 3100	6
PHIL 1030, 2900	6	SCI Core*	8
APSU 1000	1	THEA 1030	3
MATH 1010	3		
Total Hours	30	Total Hours	29
Junior Year	Cr	Senior Year	Cr
Courses in Minor	12	Courses in Minor	6
HIST 2010, 2020	6	Electives in Core	10
PHIL 3200, 4000, 4100, 4300	12	PHIL 4400, 4720, 4910	9
		SOC SCI Core	6
Total Hours	30	Total Hours	31

* Refer to Liberal Arts core requirements.

ETHICAL STUDIES MINOR

See page 196.

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 306.

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 Aristotelians.

PHIL 380A Comparative World Religions (3)

A comparative study of world religions including Primal religions, Hinduism, Buddhism, The Jains, Sikhs, Zoroastrians, Judaism, Christianity, Islam, and the Baha'is.

PHIL 380B Islam as a World View (3)

A study of Islam that explores history. The life of Muhammed, the Qur'an and Had'ths, the Five Pillars, basic beliefs and values, diversions of war and peace, Islamic philosophy and the relationships among Judaism, Christianity, and Islam.

PHIL 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 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.

PHOTOGRAPHY MINOR

See Art, see 110.

PHYSICAL EDUCATION MINOR

See HHP, see 216.

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

PHYS 2110, 2120, 3005, 3010, 3030, 3550, 3700, 3800, 4000, and 6 hours of PHYS or ASTR electives (3000 or higher)

MATH 1910, 1920, 2110, 3120.

CSCI 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

PHYS 2110, 2120, 3005, 3010, 3030, 3100 or 3800, 3550, 3700, 4000

MATH 1910, 1920, 2110, 3120

CSCI 1010

18 hours of upper-division credit selected, with approval of the Chair of the Physics and Astronomy 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 emphases 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 PROGRAM OF STUDY FOR 3-YEAR SCHEDULE

REQUIRED FOR 3+2 PROGRAMS

Freshman Year	Cr	Sophomore Year	Cr
CHEM 1110, 1120	10	ENGT 1020	4
CSCI 1010	3	Humanities Elective	3
PHYS 2110, 2120	10	MATH 2110	3
MATH 1910, 1920	10	PHYS 3005, 3010, 3550, 3700, 3701	15
APSU 1000	1	ENGL 1010, 1020	6
Total Hours	34	Total Hours	31
Junior Year	Cr		
COMM 1010	3		
ENGL 2030	3		
MATH 3120	3		
Humanities Elective	3		
PHYS 3030, 3100, 4000	9		
PHYS 3050, 3051, 3060, 3061	8		
SOC/Behavioral SCI Elective	3		
Total Hours	32		

¹ Refer to Liberal Arts core requirements.

PHYSICS DISTRIBUTIVE MAJOR EMPHASIS IN COMPUTATIONAL METHODS

List of Required Courses

PHYS 2110, 2120, 3005, 3010, 3030, 3550, 3700, 3800, and 4000.

MATH 1910, 1920, 2110, 3120, 3130, 3450, 4450, 4460, and 4670.

CSCI 1010, 2010, 3005, and 3250.

Description

This unique emphasis 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
CSCI 1010, 2010	6	COMM 1010	3
ENGL 1010, 1020	6	Elective	3
MATH 1910, 1920	10	Humanities Elective	3
PHYS 2110, 2120	10	MATH 2110	3
APSU 1000	1	PHYS 3005, 3010, 3550, 3700, 3701	15
		SOC BEH SCI Elective	3
Total Hours	33	Total Hours	30
Junior Year	Cr	Senior Year	Cr
HIST 2010, 2020	6	ENGL 2030	3
MATH 3120, 3130, 3450	9	MATH 4450, 4460, 4670	9
PHYS 3030, 3800	6	Humanities Elective	3
CSCI 3005, 3250	6	Electives	9
		PHYS 4000	4
		SOC BEH SCI Elective	3
Total Hours	27	Total Hours	31

PHYSICS DISTRIBUTIVE MAJOR EMPHASIS IN OPTOELECTRONICS

List of Required Courses

PHYS 2110, 2120, 3005, 3010, 3030, 3050, 3051, 3060, 3061, 3100, 3550, 3700, 3701, 4000, 4100

CSCI 1010, 2010, 3400, 3410, 3700, 4100, 4500

MATH 1910, 1920, 2110, 3120

Description

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 Light", 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
CSCI 1010, 2010	6	COMM 1010	3
ENGL 1010, 1020	6	CSCI 3400, 3410	6
MATH 1910, 1920	10	MATH 2110	3
PHYS 2110 2120	10	SOC BEH SCI Elective ¹	3
APSU 1000	1	PHYS 3005, 3010, 3700, 3701, 4000	15
Total Hours	33	Total Hours	30
Junior Year	Cr	Senior Year	Cr
CSCI 3700	3	CSCI 4100, 4500	6
HIST 2010, 2020	6	ENGL 2030	3
MATH 3120, 4670	6	Humanities Elective ¹	3
PHYS 3100, 3030, 3550	11	SOC BEH SCI Elective ¹	3
Humanities Elective ¹	3	PHYS 3050, 3051, 3060, 3061	8
Total Hours	29	Elective	1
		Total Hours	32

¹ Refer to Liberal Arts core requirements

PHYSICS DISTRIBUTIVE MAJOR EMPHASIS IN PROFESSIONAL MANAGEMENT

List of Required Courses

ACCT 2010, 2020
 CSCI 1010
 ECON 2010, 2020
 FIN 3010
 MATH 1910, 1920, 2110, and 3120
 MGT 3010, 3110
 MKT 3010
 PHYS 2110, 2120, 3005, 3010, 3030, 3100, 3550, 3700, 3701, 4000
 QM 2110, 3110

Description

This emphasis 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

Freshman Year	Cr	Sophomore Year	Cr
ENGL 1010, 1020	6	PHYS 3005, 3010, 3550	11
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
APSU 1000	1	COMM 1010	3
Total Hours	33	Total Hours	32

Junior Year	Cr	Senior Year	Cr
		PHYS 3100, 4000	6
MATH 3120	3	HIST 2010, 2020	6
PHYS 3700, 3701	4	Humanities Elective ¹	3
PHYS 3030	3	MGT 3110, 3610, 4110	9
Elective	3	Elective	3
SOC BEH SCI Elective ¹	3	SOC BEH SCI Elective ¹	3
MGT 3010	3		
FIN 3010	3		
MKT 3010	3		
ENGL 2030	3		
Total Hours	28	Total Hours	29

¹ Refer to Liberal Arts core requirements

PHYSICS DISTRIBUTIVE TEACHING MAJOR

List of Required Courses

ASTR 1020
 BIOL1010, 4400
 CHEM 1010 or 1110
 GEOL 1040
 MATH 1910, 1920
 PHYS: 2110, 2120, 3005, 3700, 3701, 3901
 Professional Education Minor.
 Student 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

PHYS 2110, 2120, and 8 hours upper division physics courses

Description of Program

The physics minor is intended for science majors wishing to extend their knowledge of the physical sciences.

ASTRONOMY MINOR

List of Required Courses

ASTR 1010/1011, 1020/1021, 3005, 3010, 3020, 4000

The astronomy minor is intended for individuals that have a strong interest in astronomy but do not necessarily want to pursue a career in astronomy. It is designated to be accessible to non-science majors.

COURSE DESCRIPTIONS

ASTRONOMY

ASTR 1010 Planetary Astronomy - Three hours lecture, three hours lab (4)

Corequisite: ASTR 1011

The subjects of planetary astronomy such as the planets and their moons, planetary geology, the sun, the origin of the solar system; the tools and methods of astronomy including celestial observation, light and other types of radiation, telescopes and spectroscopy. Laboratory 1211 is to be taken concurrently.

ASTR 1020 Stellar Astronomy - Three hours lecture, three hours lab (4)

Corequisite: ASTR 1021

The subjects of stellar astronomy such as starbirth, starlife, stardeath, pulsars, blackholes, galaxies, quasars and cosmology; the tools and methods of astronomy including locating and naming stars and constellations, light and other radiation, telescopes and spectroscopy. Laboratory 1221 is to be taken concurrently.

ASTR 3005 Observational Astronomy - One hour lecture, three hours lab (4)

Prerequisites: ASTR 1010, 1020

This course will involve a significant number of night time observing hours each week. Students will learn the constellations and stars of the night sky. They will learn to set up, align, and use several different types of telescopes.

ASTR 3010 History of Astronomy (3)

Prerequisites: ASTR 1010, 1020

This course examines the historical development of the science of astronomy. Beginning with the ancient cultures and their religious associations with astronomy through the philosophies of the ancient Greeks and moving into the renaissance era with Copernicus, Kepler, Galileo and finally Newton. The course concludes with the modern era and the development of modern theories in astronomy and astrophysics.

ASTR 3020 Cosmology (3)

Prerequisites: MATH 1110 or *higher*, ASTR 1010, 1020

This course examines current theories on the origin and evolution of the universe. The subjects of the course will include the Big Bang theory, cosmological inflation, dark matter, dark energy and the final fate of the universe.

ASTR 4000 Astrophotography and Image Processing - One hour lecture, six hours lab (3)

Prerequisites: ASTR 1010, 1020

This course will involve a significant number of night time observing hours each week. Students will learn the fundamentals of astrophotography using web cams, digital, CCD and video cameras and the techniques of image processing for scientific and esthetic value.

PHYSICS

PHYS 1010 Conceptual Physics: Motion, Heat, and Sound - Three hours lecture, three hours lab (4)

Corequisite: PHYS 1011

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 Conceptual Physics: Electricity, Light, and Modern Physics - Three hours lecture, three hours lab (4)

Corequisite: PHYS 1021

Electricity and magnetism, light, atomic and nuclear physics, and relativity. Physics 1010 is NOT a prerequisite. The approach is conceptual and non-mathematical. The role of physics in the understanding of everyday experiences in our technological society. Laboratory 1021 is to be taken concurrently.

PHYS 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; *Corequisite:* PHYS 2011

The elements of mechanics, including physical measurement, linear and circular motion, simple harmonic motion, fluids and heat. Applications of conservation laws to technological and biological systems are considered. Algebra is used extensively. Trigonometry and vectors are developed and used as needed.

PHYS 2020 College Physics - Four hours lecture and demonstration, three hours lab (5)

Prerequisite: PHYS 2010; *Corequisite:* PHYS 2021

Optics, electricity and magnetism, the atom, and the nucleus.

PHYS 2110 University Physics - Four hours lecture and demonstration, three hours lab (5)

Corequisites: MATH 1910, PHYS 2111

The same topics as covered in 2010. The mathematical level involves algebra and trigonometry and in addition calculus ideas, notation and techniques.

PHYS 2120 University Physics - Four hours lecture and demonstration, three hours lab (5)

Prerequisite: PHYS 2110; *Corequisite:* PHYS 2121

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, 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 3550 Experimental Methods (4)

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)

Prerequisites: PHYS 3005, 3700, 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)

Prerequisites: PHYS 2120, *Organic Chemistry* or permission of instructor

Experiments studying the characteristics of radioactivity, radioisotopes, and detection devices.

PHYS 4000 Computational Methods (4)

Prerequisites: 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)

Prerequisites: PHYS 3030, 3100, 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)

Prerequisites: Six hours of upper division physics and permission of instructor

Selected topics of interest in advanced physics. Topics to be chosen by the instructor and student. May be repeated for different topics.

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.

¹ 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/

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

POLS 2010, 2040, 2070, 7 upper level POLS electives (21 hours); ECON 2010; GEOG 1020; HIST 1210, 1220, 4400, 2 upper level courses (6 hours); Professional Education minor (23 hours); Student Teaching (12 hours)

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 30 hours each year. Each student should consult an advisor when planning his/her schedule.

Freshman Year	Cr	Sophomore Year	Cr
ENGL 1010, 1020	6	ART 1030	3
Electives	9	COMM 1010	3
APSU 1000	1	HIST 2010, 2020	6
MATH 1010	3	MUS 1030	3
POLS 2010, 2040	6	POLS 2070	3
SCI Core	8	POLS Elective	3
		SOC 2010	3
Total Hours	33	Total Hours	30
Junior Year	Cr	Senior Year	Cr
Core requirement ¹	6	Electives	3
Elective	3	Minor Electives	12
POLS 3760	3	POLS Upper Division Electives	12
POLS Upper Division Electives	12		
Total Hours	30	Total Hours	27

¹ Refer to Liberal Arts core requirements.

POLITICAL SCIENCE MINOR (18 HOURS)

2010, 2040, 2070; select nine hours of upper division courses excluding 453A, B, C, and above.

COURSE DESCRIPTIONS

POLS 1000 Introduction to Legal Assistance and Ethics (3)

An examination of the paralegal/legal assistant profession, including duties, employment settings, skills, standards of conduct, and ethics.

POLS 1002 Introduction to Law (3)

An overview of the major principles and functions of the legal system. An introduction to legal fields and the work of the legal assistant in those fields.

POLS 1004 Torts (3)

A study of civil wrongs for which the victim may receive compensation and the role of the legal assistant in tort litigation.

POLS 1005 Legal Research (3)

Legal bibliography, including codes, administrative regulations, reporters, digests, encyclopedias, citations, law reviews, and treaties.

POLS 1006 Legal Writing (3)

Legal writing skills including precision and clarity, legal citation and format, drafting of law office and trial memoranda, trial court briefs, appellate briefs, and abstracting depositions.

POLS 1008 Civil Trial and Appellate Practice (3)

Civil court procedures. Preparation and use of documents involved in the trial and appeal of civil action.

POLS 1015 Paralegal Internship (3)

An internship working as a paralegal for a local attorney. The student will work 10 hours a week.

POLS 2010 American National Government (3)

Institutions and processes of American national government, including the Constitution, federalism, civil rights and liberties, the presidency, Congress, courts, political parties, elections, public opinion, media, interest groups, and the federal administrative process.

POLS 2040 Introduction to Public Policy (3)

The policy-making process with an emphasis on selected policy areas. Specific policy areas included are welfare, criminal justice, education, civil rights, energy, the environment, and regulation of the economy.

POLS 2070 International Politics (3)

The system of the nation-state, power and ideology, the diplomatic process, colonialism and imperialism, regions and crises, international organization and law, war and peace, the United States in World Affairs.

POLS 3010 Comparative Politics (3)

A theoretical and empirical comparison of various political processes, structures, and ideologies among selected countries in four continents (Africa, Asia, Europe, and South America) designed to identify and highlight significant causes and effects of different political models and practices.

POLS 3020 American Foreign Policy (3)

The making of American foreign policy: institutions, processes, problems, and crises.

POLS 3040 U.S. Defense Policy (3)

U.S. National Defense organization, policies, procedures and players, the emergence of the current policy of engagement following the cold war and potential future threats and challenges.

POLS 3110 British Politics and Government (3)

Prerequisite: Junior standing or permission of instructor

An examination of the evolution, traditions, institutions, processes, policies, and politics of the United Kingdom of Great Britain and Northern Ireland. The comparative perspective will be emphasized.

POLS 3120 European Politics (3)

Prerequisite: Junior standing or permission on instructor

An examination of the politics, government, and unity of continental European states with an emphasis upon Germany, France, Russia, and Italy.

POLS 3140 Latin American Politics (3)

An examination of the politics and government of Central and South America and the Caribbean island-states. An emphasis will be placed upon regional political trends along with profiles of the politics and government of certain states such as Mexico, Argentina, Brazil, Cuba, or Chile.

POLS 3160 African Politics (3)

The politics of Sub-Saharan Africa; a comparative analysis of the behavior, participation and structures in the various movements for the liberation of Africa. Problems relative to colonialism, East-West confrontation and internal policies are examined.

POLS 3360 Study Abroad: Africa (6)

Designed to provide students with a hands-on learning experience on and about African politics and culture.

POLS 3760 Methods of Research (3)

The nature of the scientific method and basic techniques in social science research as applied to the collection, analysis, and interpretation of social and political data.

POLS 4010 Contemporary Political Ideas (3)

This course examines current trends in political theory. Topics include ideologies, the liberal-communitarian debate, human rights, feminism, and postmodernism. Examples are drawn from both Western and non-Western sources.

POLS 4020 The Politics of Contemporary African American Thought and Movement (3)

An analysis of political processes, structures, organizations, opinions, and leadership from the African American perspective and African Americans having current significance.

POLS 4040 Women and Politics (3)

The role of women in politics. Women and the political process, political institutions, and public policy.

POLS 4070 Politics in The American States (3)

Politics at the state level focusing on legal and cultural settings, political behavior, and institutions and public policy.

POLS 4080 Urban Politics (3)

Politics in urban areas with special attention to socioeconomic conditions, governmental structures, citizen participation, community power studies, metropolitan governance, and policy problems.

POLS 4130 Political Parties and Interest Groups (3)

Characteristics of the political party system, and the operation of interest groups in American politics. Party organizations, voting behavior, and campaigns are emphasized along with interest group activities and strategies.

POLS 4200 The American Presidency (3)

The roles, powers, and institutions of the American Presidency.

POLS 4210 Legislative Process and Behavior (3)

Congressional elections, norms, committees, voting behavior, leadership, and legislative-executive interaction.

POLS 4220 Political Leadership (3)

This course will examine the evolution and nature of political leadership at various levels, in different branches and among the many institutions of government and politics.

POLS 4300 Judicial Politics and Behavior (3)

The American judicial system: structure of the court system, police behavior, lawyers, juries, and judicial decision-making.

POLS 4310 American Constitutional Law I (3)

Prerequisite: Upper division standing

Using the case method, this course examines the development of constitutional law in America, to include the division and placement of national power, the structure and operation of the federal court system, judicial review, the limitations upon the use of judicial power, and the growth of federalism.

POLS 4320 American Constitutional Law II (3)

Prerequisite: 4310 or permission of instructor

Using the case method, this course examines important federal and Supreme Court decisions in the area of civil rights and civil liberties, to include fundamental rights, economic due process, eminent domain, mass media, and criminal law.

POLS 4330 Women and The Law (3)

Examination of how laws apply to women and when women are treated differently than men, 14th amendment, the Equal Pay Act, sexual harassment, privacy, and domestic violence.

POLS 4340 Family Law (3)

Examination of the legal issues involved in marriage, divorce, child custody, child support, and adoption.

POLS 4400 Politics and Mass Media (3) - (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.

POLS 4444 Cultural Context of Political and Social Ideas (3)

Prerequisite: Junior or Senior standing

Capstone to integrate aspects of the Liberal Arts core with political and social concepts of freedom, justice, and equality addressed in different cultures.

POLS 4510 Communication and Public Opinion (3) - (Same as COMM 4510)

The purpose of this course is to provide an overview of the concept "public opinion" and to explore the relationships between communication and public opinion. An important normative goal will be to explore ways to allow media messages to contribute to a healthy civic life rather than deviate from it.

POLS 451A, B, C Selected Topics in Political Science (3 each)

An examination of a selected topic by an instructor on a one-time basis.

POLS 453A, B, C Problems in Political Science (3 each)

An independent study course with supervised readings and/or research projects in selected areas of political science. Open only to Political Science majors with permission of the department chair.

POLS 4540 Legislative Internship Program (15)

Work as a staff member of the Tennessee Legislature. Open only to juniors, seniors, or graduate students selected to participate in the Tennessee Legislative Internship Program.

POLS 455A, B, C Government Internship (3, 6, 9)

Prerequisite: Junior or senior standing

Internship in the governmental process.

PREAGRICULTURAL EDUCATION (Three Year Transfer Program)

School of Agriculture and Geosciences

College of Science and Mathematics

Advisor: Dr. J. Goode

Location: Sundquist Science complex, D213

Phone: 931-221-7269

Website: 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		
APSU 1000	1		
Total Hours	29	Total Hours	30
Junior Year	Cr		
AGRI 3020, 3220, 3310, 3330, 4500	16		
Humanities core	9		
EDUC 3040	3		
SPED 3000	3		
Total Hours	31		

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

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
BIOL 1010 ¹ , 1020 ¹	8	BIOL 2010 ¹ , 2020 ¹	8
CHEM 1010 ¹ , 1020 ¹	8	BIOL 2300 ¹	4
CSCI 1000	3	COMM 1010	3
ENGL 1010, 1020	6	EDUC Electives	6
PSY 1010	3	ENGL 2030, 20xx	6
SOC 2010	3	SOC 2050	3
APSU 1000	1		
Total Hours	32	Total Hours	30

¹ 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 93).

SUGGESTED PROGRAM OF STUDY FOR THREE YEARS

Freshman Year	Cr	Sophomore Year	Cr
ENGL 1010, 1020	6	ENGL 2030	3
BIOL 1110 ¹ , 3060 ¹	8	CHEM 3510 ¹ , 3520 ¹	8
CHEM 1110 ¹ , 1120 ¹	10	PHYS 2010 ¹ , 2020 ¹	10
MATH 1110 or 1720	3	BIOL 2010 ¹ , 2020 ¹ , 4130 ¹	12
MATH 1120 or 1910	3-5	COMM 1010	3
APSU 1000	1		
Total Hours	31/33	Total Hours	36

Junior Year	Cr
CHEM 3210 ¹ , 3220 ¹	8
HIST 2010, 2020 or 2030	6
Humanities core ²	6
SOC SCI core ²	6
Elective	6
Total Hours	32

¹ All science courses must include laboratory.

² 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 267.

PREFOOD TECHNOLOGY (Two Year Transfer Program)

School of Agriculture and Geosciences

College of Science and Mathematics

Advisor: Dr. Hunt

Location: Sundquist Science Complex, D213

Phone: 931-221-7272

Website: www.apsu.edu/agriculture/

SUGGESTED PROGRAM OF STUDY

Freshman Year	Cr	Sophomore Year	Cr
AGRI 1000, 1310, 1410	8	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	10
APSU 1000	1	MATH 1730	4
		COMM 1010	3
Total Hours	31	Total Hours	31

PREFORESTRY (Two Year Transfer Program)

School of Agriculture and Geosciences

College of Science and Mathematics

Advisor: Dr. J. Matthews

Location: Sunquist Science Complex, D213

Phone: 931-221-7272

Website: www.apsu.edu/agriculture/

SUGGESTED PROGRAM OF STUDY

Freshman Year	Cr	Sophomore Year	Cr
AGRI 1000, 1310, 1410	8	AGRI 2210, 4430	7
BIOL 1010, 1020	8	CHEM 1110, 1120	10
ENGL 1010, 1020	6	ECON 2020	3
MATH 1110, 1810	6	MATH 1530	3
APSU 1000	1	COMM 1010	3
		BIOL 4080	4
		Humanities core	3
Total Hours	29	Total Hours	33

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

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.

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/

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

Freshman Year	Cr	Sophomore Year	Cr
BIOL 1110, 3060	8	CHEM 3510, 3520	8
CHEM 1110, 1120	10	ENGL 1100, 2030	6
ENGL 1010, 1020	6	HIST 2010 ² , 2020 ¹	6
MATH Core ¹	6/10	PHYS 2010, 2020	10
APSU 1000	1		
Total Hours	31-35	Total Hours	30

Junior Year	Cr	Senior Year	Cr
CHEM 4310, 4320	8	SOC SCI Core ¹	3
BIOL 3050, 4440	8	HUM Core ¹	6
COMM 1010	3	Major and minor courses	12
HUM Core ¹	3	Electives	9
SOC SCI Core ¹	3		
Major and minor courses	4		
Total Hours	29	Total Hours	30

¹ Refer to Liberal Arts core requirements

² 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/robertson/premed/premedadvisement.htm for more detailed information and links to medical schools.

PREOPTOMETRY

Department of Physics and Astronomy

College of Science and Mathematics

Advisor: Dr. Pei Xiong-Skiba

Location: Sundquist Science Complex, B328

Phone: 931-221-6116

Optometry is the primary health profession dedicated to caring for vision. Through academic and clinical training, optometrists acquire the knowledge and skills needed to diagnose, treat, and prevent problems of the visual system. A Doctor of Optometry receives four 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 have a B.S. degree or higher with an average of 3.3 GPA. The course requirements are slightly different for each optometry school. You may visit the Association of Schools and Colleges of Optometry's website at www.opted.org to determine the specific requirements for each school. Student applicants are also required to complete the Optometry Admission Test (OAT) as a prerequisite to admission. Please contact Dr. Xiong-Skiba for a list of required courses and suggested programs of study.

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/

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
BIOL 1110 ¹ , 3060 ¹	8	BIOL 2300 ¹	4
CHEM 1110 ¹ , 1120 ¹	10	COMM 1010	3
ENGL 1010, 1020	6	Elective ²	6
HIST 2010, 2020 or 2030	6	MATH 1910	5
MATH 1530	3	PHYS 2010 ¹ , 2020 ¹	10
APSU 1000	1	PSY 1010	3
Total Hours	34	Total Hours	39

¹ All science courses must include laboratory.

² 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 93. 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

Freshman Year	Cr	Sophomore Year	Cr
ENGL 1010, 1020	6	BIOL 2300 ¹	4
CHEM 1110 ¹ , 1120 ¹	10	ECON 2010	3
BIOL 1110 ¹ , 3060 ¹	8	CHEM 3510 ¹ , 3520 ¹	8
APSU 1000	1	PHYS 2010 ¹ , 2020 ¹	10
MATH 1110 or 1720	3	BIOL 2010, 2020 ¹	8
MATH 1810	3		
COMM 1010	3		
Total Hours	34	Total Hours	33
Junior Year	Cr		
ENGL 2030 ²	3		
BIOL 3760	4		
HIST 2010 ²	3		
ART 1030	3		
MATH 1530	3		
PSY 1010	3		
CHEM 4310, 4320	8		
Total Hours	27		

¹ All science courses must include laboratory.

² UT Memphis requires six hours from literature, history, language or philosophy. Other schools require both history and literature.

PRE-PHYSICAL THERAPY

Department of Biology

College of Science and Mathematics

Advisor: Dr. Cindy L. Taylor

Phone: (931) 221-7784

Website: 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. Courses with an asterisk (*) are suggested prerequisites for off site Physical Therapy program admission.

Please refer to the Department of Biology's Pre-Physical Therapy Web Site for more information: www.apsu.edu/biol_page/PT/PTInfo.htm.

SUGGESTED PROGRAM OF STUDY
BIOLOGY MAJOR, HEALTH AND HUMAN PERFORMANCE MINOR

Freshman Year	Cr	Sophomore Year	Cr
BIOL 1110, 3060	8	BIOL 2010, 2020	8
CHEM 1110, 1120	10	PHYS 2010, 2020	10
ENGL 1010, 1020	6	HIST 2010, 2020	6
MATH 1530	3	PSY 1210 or 2210*	3
HHP 1250	3	HHP 3030	3
PSY 1010	3		
APSU 1000	1		
Total Hours	34	Total Hours	30
Junior Year	Cr	Senior Year	Cr
BIOL 3050, 3070, 4080, 4130	16	BIOL 4110, 4160, 4440	12
CSCI 1000	3	COMM 1010	3
HHP 2050	3	HHP 3300, 4220, 4250	9
HUM Core	6	HUM Core	3
SOC 2010	3	PSY 3110 or 3120*	3
Total Hours	31	Total Hours	30

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, D213

Phone: 931-221-7272

Website: 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 APSU: (1) the student may apply for a degree granted in absentia (see page 93) after having successfully completed the first year of veterinary school; or, (2) the student may complete all requirements in the four-year curriculum and receive a B.S. degree in Agriculture.

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	4	AGRI 3310, 3420, 3500	9
BIOL 1010, 1110	8	CHEM 3510, 3520	8
CHEM 1110, 1120	10	COMM 1010	3
ENGL 1010, 1020	6	ECON 2010	3
APSU 1000	1	ENGL 2300	3
		MATH 1730	4
Total Hours	29	Total Hours	30
Junior Year	Cr	Senior Year	Cr
AGRI 4310, 4430	6	AGRI 4230	3
BIOL 4440	4	AGRI/BIOL Electives	19
CHEM 4300	4	Humanities Core	6
HIST 2010, 2020	6	GEOG 1010	3
PHYS 2010, 2020	10		
Total Hours	30	Total Hours	31

PROFESSIONAL STUDIES (B.S.P.S.)

School of Technology and Public Management

Advisor: Dr. Philip Hatch

Location: AP Center @ Ft. Campbell, Bldg 604

Phone: 931-221-1464

Website: www.apsu.edu/apfc/degrees/BPS.htm

The Austin Peay Center @ Fort Campbell offers the Bachelor of Science degree (B.S.P.S.) in Professional Studies. 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.S.P.S. in Professional Studies 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. B.S.P.S. graduates must complete the Liberal Arts core requirements and have 39 hours of upper division credits.

MAJOR (15 HOURS)

BLAW 3300 or PM 4320; PTMA 3020, 3050; PM 3200 or MGT 3010; ENGT 3820;

MAJOR ELECTIVES (Select 5 = 15 Hours)

ENGT 3010, 3610, 3650, 3660, 3790; LDSP 3000; MGT 3610, 3320, 3110, 4020; PM 3230, 3240, 3610, 3710, 4120, 4810; PTMA 3060, 3070, 3500, 3990, 4020, 4500, 4600, 4995; COMM 3320, 4020.

ELECTIVES (21 Hours)

GENERAL EDUCATION CORE REQUIREMENTS

		Credit Hours
ENGL 1010	English Composition I	3
ENGL 1020	English Composition II	3
HIST 2010	American History I	3
HIST 2020	American History II	3
Natural Sciences with Laboratories (ASTR, BIOL, CHEM, GEOL, PHYS)		8
MATH 1010	Mathematical Thought and Practice	3
ENGL	World Literature	3
Humanities	(ART, MUS, PHIL)	6
Social Science	PSY, SOC, PSCI etc (see catalogue)	6
COMM 1010	Fundamentals of Public Speaking	3
APSU 1000	Freshman Experience	1
		42

TECHNICAL CONCENTRATION

The technical concentration will consist of 27 hours in an identified specialty area. For students with an AS or AAS degree, the 27 hours would consist of hours completed within that specific degree program.

<u>Course</u>	<u>Cr</u>
Technical Concentration	27

GENERAL ELECTIVES

These electives may be taken from the School of Technology and Public Management, the College of Business, the College of Arts and Letters, the College of Science and Mathematics or the College of Professional Programs and Social Sciences. Elective courses should be selected in consultation with the student's advisor.

<u>Course</u>	<u>Cr</u>
General Electives	12

PROFESSIONAL STUDIES REQUIRED COURSES

		Credit Hours
PTMA 3020	Managing Information Technology	3
PTMA 3050	International Business and Standards	3
BLAW 3300 or	Social, Legal, and Political Environment of Business	
PM 4320	Administrative Law	3
PM 3200 or	Public Sector Management	
MGT 3010	Principles of Management and Organizational Behavior	3
ENGT 3820	Technology and Society	3
Total Professional Studies Required Hours		15

PROFESSIONAL STUDIES ELECTIVES

The Professional Studies Electives courses may be selected from a list of courses identified below:

		Credit Hours
LDSP 3000	Leadership Development	3
PM 3230	Public Personnel Administration	3
PM 3240	Public Budgeting and Financial Management	3
PM 3610	Developing Volunteer Organizations	3
PM 3710	Evaluation and Effectiveness	3
PM 4120	Organizational Theory and Behavior	3
PM 4810	Professional Seminar in Public Management	3
MGMT 3610	Entrepreneurship	3
MGMT 3110	Organizational Theory and Behavior	3
MGMT 3320	Business and Professional Communication	3
MGMT 4020	Communication in Organizations	3
ENGT 3010	Engineering Economy	3
ENGT 3610	Production/Operations Management	3
ENGT 3650	Statistical Quality Control	3
ENGT 3660	Managerial Dynamics and Simulation	3
ENGT 3790	Construction Planning and Estimating	3
PTMA 4020	Methods of Productivity and Performance Assessment	3
PTMA 3060	Conflict Management	3
PTMA 3070	Professional Development	3
PTMA 3500	Methods of Performance and Productivity Assessment	3
PTMA 3990	Contract Management	3
PTMA 4600	Project Management	3
PTMA 4500	Management of Operations	3
PTMA 4995	Special Topics: Professional Studies	3
	Total Professional Elective Hours	15

SUGGESTED PROGRAM OF STUDY

Freshman Year	Cr	Sophomore Year	Cr
ENGL 1010, 1020	6	SCI + Lab	8
COMM 1010	3	SOC SCI	3
HIST 2010, 2020	6	MATH	3
SOC SCI	3	Technical Concentration	15
Technical Concentration	12	Humanity	6
APSU 1000	1	Electives	3
Total Hours	31	Total Hours	38

Junior Year	Cr	Senior Year	Cr
PTMA 3020, 3050, 3200	9	BLAW 3300	3
ENGT 3820	3	Professional Studies Electives	12
Professional Studies Elective	3	U/D Liberal Arts Elective	3
U/D Technical Elective	3	U/D Technical Elective	3
L/D Elective	9	ENGL 2030	3
Total Hours	27	Total Hours	24

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 (3)

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 (3)

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 (3)

This course presents students with an overview of the process of identifying opportunities (grants or RFPs, for example), responding, securing, and managing work in a contract environment. Students will gain insight into the legal, procedural, and policy environments relative to contract work.

PTMA 4020 Written Professional Communication (3)

Prerequisites: ENGL 1010/1020 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, and intercultural communications.

PTMA 4500 Management of Operations (3)

This course consists of a managerial overview and analysis of business concepts and strategies. Emphasis is on the study of incorporating major functions of business enabling organizations to improve efficiency and effectiveness in the highly competitive global and local markets. Specific topics to be covered include but are not limited to: planning, communication, material management, safety, marketing, finance, and government and society.

PTMA 4600 Project Management (3)

This course presents students with an overview of project management environments with an emphasis on the basic building blocks of selection, planning, managing, and closing out projects. The use of technology as a management tool will be explored in some detail as well. Students are encouraged to take this course toward the end of their 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 (3)

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

Denton (Chair), Bonnington, Butler, Fung, Grah, Iyer, Lewis, McCarthy, 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
ENGL 1010, 1020	6	BIOL 2010 ² & another SCI ¹	8
HIST 2010, 2020	6	COMM 1010 ²	3
MATH Core ¹	3	ENGL 2030	3
Minor or Elective Courses	6	HUM/Fine Arts Core ¹	6
PSY 1010	3	Minor or Elective Course	3
SOC BEH SCI Core ¹	6	PSY 2000, 2010, 3180	7
APSU 1000	1		
Total Hours	31	Total Hours	30
Junior Year	Cr	Senior Year	Cr
PSY Core 3010 or 3040	4	PSY Elective Courses	12
PSY Core 3020 or 3030	4	Minor or Elective Courses	18
PSY 3100, 3300	6		
PSY Core 4350 or 4360	3		
PSY Electives	3		
Minor or Elective Courses	9		
Total Hours	29	Total Hours	30

¹ Refer to Liberal Arts core requirements.

² 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 3180	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)

Prerequisite: 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)

Prerequisite: PSY 1010

This course provides an overview of the empirical evidence regarding physical, cognitive, social and emotional changes that occur from conception to death. Emphasis will be placed on understanding the various biological, environmental and cultural influences on human development.

PSY 3110 Child Development (3)

Prerequisite: PSY 1010 or EDUC 2100

The scientific study of human development from conception through pre-adolescence. Cognitive, physical, social, emotional and moral areas of development will be studied through the examination of empirical, conceptual, and theoretical materials. 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 Introduction to Educational Psychology (3)

Prerequisite: PSY 1010 or EDUC 2100

Provides prospective teachers an understanding of the way students learn and develop. The learning process, its determining conditions, and its results will be emphasized. The course will also provide an overview of child and adolescent development as it relates to student behavior.

PSY 3180 Research Methods (3)

Prerequisites: PSY 1010, 2010

Introductory methods of psychological research are presented. An analysis of various research designs is also examined. A research proposal, following APA format, is required.

PSY 3200 Adolescent Development (3)

Prerequisite: PSY 1010 or EDUC 2100

The scientific study of human development from 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 healthy responses to stress and the enhancement of psychological resiliency. A major focus of the course will be on the practice of skills that lead to healthy interpersonal functioning of the individual in their familial and social context.

PSY 3500 Consumer Psychology (3)

Application of psychological theory and applied research methods to the study of consumer behavior. The psychological processes that influence consumer decision making will be addressed including problem recognition and information search, alternative evaluation and choice behavior, and post-purchase attitudes and behavior. The antecedents and consequences of consumer satisfaction will be highlighted.

PSY 4000 History and Systems of Psychology (3)

Prerequisites: PSY 1010 and Junior, 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)

Prerequisite: PSY 1010 or 3130

An overview of theories, characteristics, assessment, and treatment of learning disabilities and behavioral disorders. Program considerations for learning disabled and behavioral disordered children will be highlighted.

PSY 4150 Behavior Modification: Theories and Practice (3)

Prerequisite: PSY 1010

Theories, principles, and techniques of cognitive and behavioral management for use in schools, clinics, hospitals, and agencies. Emphasizes behavior management techniques.

PSY 4350 Psychology of Personality (3)

Prerequisites: PSY 1010 and Junior or Senior standing

The major theories of human personality are studied with emphasis on scientific research in the area.

PSY 4360 Abnormal Psychology (3)

Prerequisites: PSY 1010 and Junior or Senior standing

A consideration of various forms of psychological abnormality in terms of the settings in which they appear. Attention directed to methods of prevention and treatment. Topics covered: anxiety disorders, functional psychosis, 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 or 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 124.

PUBLIC MANAGEMENT**School of Technology and Public Management**

Waheeduzzaman (Chair), Abedin, Prescott, Kraus, Ogbonna-McGruder, Halliman (Mgt. Tech)

Location: AP Center @ Ft. Campbell, Bldg 604

Phone: 931-221-1480

Website: www.apsu.edu/pmdept

GENERAL EDUCATION CORE REQUIREMENTS

<u>Course</u>	<u>Cr</u>
Humanities and/or Fine Arts	9 (<i>one course must be in World Literature</i>)
Social/Behavioral Sciences	3
History	6
Natural Sciences (with lab)	8
Mathematics	3
COMM	9 (<i>of these credit hours requirement, six hours of English Composition and three hours in Speech or Communication</i>)
ECON 2010	3
Total General Education Core	41

MAJOR IN PUBLIC MANAGEMENT**PUBLIC MANAGEMENT CORE:**

<u>Course</u>		<u>Cr</u>
ACCT 2010 or MT 2010	Principles of Accounting or Accounting Survey	3
ECON 2010	Economics	3
POLS 2010	American National Government	3
PM 3200	Public Sector Management	3
PM 3230	Public Personnel Administration	3
PM 3235	Public Policy Analysis	3
PM 3240	Public Budgeting and Financial Management	3
PM 3250	Urban Planning	3
PM 3760	Methods of Research	3
PM 4120	Organizational Theory and Behavior	3
PM 4810	Professional Seminar	3
PM 4860	Public Management Internship and Practicum	6
	Total Hours in Public Management	39

CONCENTRATION/MINOR **21**

ELECTIVES **22**

Total Credit Hours for BS Degree in Public Management **120**

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 student may select areas of concentration from either Criminal Justice or a Minor may be selected from any offered by the University. 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) or General Management.

NOTE: All first time, full time freshman must take the APSU 1000; Freshman orientation course. This one hour course will be applied to the electives.

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.

Freshman Year	Cr	Sophomore Year	Cr
COMM 1010	3	ART 1030	3
ENGL 1010, 1020	6	ACCT 2010 or MT 2010	3
HIST 2010, 2020	6	ECON 2010	3
MATH 1010	3	ENGL 2030	3
Natural Science with Lab	8	MUS 1030	3
Elective	3	PM 3200, 3230	6
APSU 1000	1	POLS 2010	3
		PSY 1010	3
Total Hours	30	Total Hours	27
Junior Year	Cr	Senior Year	Cr
Electives*	6	Electives*	12
Minor/Concentration	12	Minor/Concentration	9
PM 3235, 3240, 3250, 4120	12	PM 3760, 4810, 4860	12
Total Hours	30	Total Hours	33

* Upper Division Credit classes are recommended

DISTRIBUTIVE MAJOR: (57-67 HOURS)

Public Management core (39 Hours)

ACCT 2010 or MT 2010, ECON 2010, POLS 2010, PM 3200, 3230, 3235, 3240, 3250, 3760, 4120, 4810, and 4860.

1. Minors vary from 18 to 24 hours
2. Student must choose either Minor or Concentration

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:

Criminal Justice

Advisor: Dr. C. Ogbonna-McGruder and/or Dr. William Kraus

Requirements

24 hours including PM 3140, 3150, 31700, 3180, 3310, 4330; SOC 2050, 3050, 3140, 3200; select one from BLAW 3210, 3220, 3300; PM 3160, POLS 4300, 4310; PSY 1210 (as approved by the criminal justice advisor)

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 4090 Comparative Public Administration (3)

Introduction to the governmental administrative and political systems of both developed and under-developed 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 149.

RADIOLOGIC TECHNOLOGY (B.S.)

Department of Biology

College of Science and Mathematics

Advisors: Dr. K. Belcher

Adjunct Faculty: Herzog Partain, Patton

APSU has an affiliation with the Radiologic Technology School at the Vanderbilt University Medical Center for training of students (*see certification in Nuclear Medicine Technology, Radiation Therapy Technology or Ultrasonography*). Students desiring to enter one of the programs of radiology should file applications to the appropriate program director at the beginning of the junior year. Students may be eligible for a B.S. degree *absentia* after successful completion of the professional program, provided the requirements outlined on page 93 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	ART 1030 ³	3
COMM 1010	3	CHEM 1110, 1120	10
ENGL 1010, 1020	6	CSCI 1000	3
APSU 1000	1	ENGL 2030	3
MATH 1730 ²	4	HIST 2010, 2020	6
PSY 1010 ¹	3		
Total Hours	25	Total Hours	25
Junior Year	Cr	Senior Year⁴	Cr
BIOL 3910	4	BIOL 484A (Internship)	45
MATH 1530 ²	3		
MUS 1030 ³	3		
PHYS 2010, 2020	10		
SOC 2010	3		
Total Hours	26	Total Hours	45

¹ Strongly recommended; however, other courses from the approved B.S. academic program may be elected.

² More mathematics study is encouraged. A student with good mathematical preparation is encouraged to take MATH 1810 or 1920 rather than the sequence listed.

³ Refer to Liberal Arts core requirements.

⁴ 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.

REGENTS ONLINE DEGREE PROGRAM (RODP)

Extended and Distance Education

Advisor: Ms. N. Mathews

Location: 106 Public Square

Phone: (931) 221-1373

Email: rodps@apsu.edu

Website: 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 fully accredited 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.

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 15 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 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 concentration, each with a minimum of twelve semester hours. The following concentrations are available completely online: Communications, Business, English, Information Technology, International Studies, Organizational Leadership, Public Relations, Political Science, Psychology and Sociology. Campus courses may be combined with online courses for concentrations in Art, Education, History, Health, Cultural Diversity, Creative Writing, History, Spanish and Special Education. Check with the advisor or email rodp@apsu.edu for other possible concentrations.

Requirements

1. The University B.S. Liberal Arts Core (41 hours)
2. Two concentrations (minimum 12 hours each concentration) (24 hours)
3. Minimum upper division hours (45 hours)
4. Total number of credit hours from a University (60 hours with 30 of the last credits from APSU)
5. Minimum 2.0 GPA in courses in concentrations
6. Total Number of Credit Hours for Bachelor Degree (120 hours)
7. Minimum 2.0 GPA in all courses taken through APSU

Related Elective Courses

Additional semester hours to complete the required 45 upper division and 120 total hours may be drawn from the noted concentration areas or selected from other areas to complement the degree program.

RODP TEACHER EDUCATION PROGRAMS

Master of Education, Advanced Studies in Teaching and Learning

The RODP M.Ed. is designed for certified teachers to receive advanced professional preparation in the area of reading and language arts. For more information go to:

http://www.tn.regentsdegrees.org/edu/master_of_education_curriculum_a.htm.

Alternative C Licensure Program (Mathematics and Science Licensure)

This program is to assist people obtaining licensure if they already have a mathematics or science degree. For more information go to: http://www.tn.regentsdegrees.org/edu/alternative_c_licensure_program.htm.

Regents Online Teacher Education Add-on Endorsements

This program is designed to assist certified teachers who are currently teaching outside their certification area in completing the certification required for their current teaching position. Add-on endorsements are available in special education, English as a second language, mathematics, chemistry and biology. For more information go to: <http://www.tn.regentsdegrees.org/edu/Add-On%20Endorsements.htm>

Other RODP Degrees

To check for new degrees as they become available, go to: <http://www.tn.regentsdegrees.org/degrees.htm>

BACHELOR OF PROFESSIONAL STUDIES (BPS)

1. The University B.S. Liberal Arts Core (41 hours)
2. Professional Core (required for both concentrations) (21 hours)

Two courses chosen from

- a. Written Communication: ENGL 3134, 3250 or JOUR 3421

One course chosen from each area (3 hours each)

- b. Administration and Supervision: PADM 3601, MGMT 3610, MGT 3010, MG 303, METH 4381
- c. Team and Organizational Relations: ORCO 3240 or COMM 3010

- d. Organizational Systems: PADM 4226 or PM 4120
 - e. Statistical Methods: SOC 451, 3760, SOAA 3350, JOUR 3410
 - f. International Context: SPAN 355, PISI 435, JOUR 4712, PS 3510, POLS 3010
3. Concentration (15 hours)
- a. Organizational Leadership (*choose five courses from*): BMGT 3630, PM 3240, JOUR 3400, PSY 321, PSY 3590 AHSC 4547, PTMA 3500, LDSP 3000
 - b. Information Technology (*choose one course from each area--3 hours each*)
 Management Information Systems: PTMA 3020, MGMT 3220
 Software: CSC 3700
 Files/Operating Systems: CS 305, CS 3010, INFS 3700
 Database Management: CSCI 3222
 Networks: INFS 4900
4. Elective Courses: Additional semester hours to complete the required 45 upper division and 120 total hours may be drawn from the noted concentration areas or selected from other areas to complement the degree 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 hours with 30 of the last credits from APSU)
 - c. Minimum Upper Division hours (45 hours)
 - d. Minimum 2.0 GPA in courses in major and courses in concentration
 - e. Minimum 2.0 GPA in all courses taken through APSU

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, 380A, 380B, 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: 931-221-7730

Website: 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.

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 Social Work Program Director 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

Freshman Year	Cr	Sophomore Year	Cr
ENGL 1010, 1020	6	COMM 1010	3
HIST 2010, 2020	6	ENGL 2030	3
BIOL 1010, 1030	8	SW 3400, 3420, 4020	10
PSY 1010, 2210	6	MATH 1530	3
SW 2110	3	ENGL 20xx	3
APSU 1000	1	HHP 1250	3
		Elective	3
Total Hours	30	Total Hours	28

Junior Year	Cr	Senior Year	Cr
SW 3450, 3630	6	SW 4410	12
SW 3620, 4400	4	SW 4720	3
SW 3770, 4430, 4440	9	SW 441C	3
ART 2000	3	Electives	9
MUS 2000	3	SW elective	3
SW electives	6		
Elective	1		
Total Hours	32	Total Hours	30

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)

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)

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, organizational, community, and societal levels. Content on race, gender, and sexual orientation.

SW 3430 Elements of Rural Practice (3)

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)

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)

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)

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)

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)

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)

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)

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)

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)

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)

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)

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 facilities 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)

Prerequisites: SW 3620, 4440 *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)

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)

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

D. Kanervo (Interim Chair), Avotri, Mannion, Rainey, Steele

Location: Clement 143

Phone: 931-221-7515

Website: 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 theoretical and applied aspects of the field of sociology. Applied Sociology is the use of sociological theory and methods to analyze and solve personal, social, structural, and societal problems and issues that exist in our everyday social world. Students majoring in sociology and graduating with a 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 18 hours of 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 1010	3
HIST 2010	6	HUM Core ¹	6
PSY 1010, 2210	6	HIST 2020	3
SOC 2010	3	SOC Elective	6
SCI Core ¹	8	ENGL 2030	3
APSU 1000	1	COMM 1010	3
		Electives	6
Total Hours	30	Total Hours	30
Junior Year	Cr	Senior Year	Cr
SOC 3760, 3770	6	SOC 4080, 4090	6
SOC electives	6	SOC Electives	6
Minor	12	Minor	6
Electives	6	Electives	15
Total Hours	30	Total Hours	30

¹ Refer to Liberal Arts core requirements

MINOR (18 HOURS)

2010, 2050, 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)

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)

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)

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)

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)

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)

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)

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)

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)

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)

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)

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)

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 4400 Environmental Sociology (3)

A comprehensive overview of the historical precursors to and the emergence of the field of environmental sociology. Topics include interactions between the physical environmental and the social world; perspectives in environmental sociology; environmental concerns, health, movements, and risks; political economy of environmental problems, environmental law and policy; environmental justice.

SOC 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, pages 196, 203.

SPANISH MINOR

See Foreign Languages, pages 199, 203.

SPECIAL EDUCATION MAJOR AND ENDORSEMENT

See Education, page 177.

THEATRE EDUCATION AND ENDORSEMENT

See Communication Arts, page 149.

TECHNOLOGY CONCENTRATIONS

See Public Management, page 301.

THEATRE CONCENTRATION

See Communication Arts, page 150.

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
COMM 4470	Race, Gender and Mass Media
ENGL 340F	Women Writers
ENGL 340W	Critical Studies in Women's Literature
HIST 4670	Women in American History
NURS 2000	Women's Health in Today's World
PM 3400	Women and Administration
POLS 4040	Women and Politics
POLS 4330	Women and the Law
POLS 4340	Family Law
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
WS 3060	Vagina Monologues

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 3060 Vagina Monologues (3)

An intensive study of Eve Ensler's script culminating in a production of the play. The course increases 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.

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

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 41.

GRADE REPORTS

See page 43.

TEXTBOOKS

The Austin Peay Center @ Fort Campbell Bookstore, located in the Army Education Center, stocks textbooks that are required for scheduled courses. Students are strongly encouraged to attend the first class meeting to ensure that the course will be offered and the exact text requirements are understood before making purchases. Checks, money orders, Visa, MasterCard, or cash are acceptable for payment. The APSU Bookstore has several textbook buy backs each year.

ADMISSION REQUIREMENTS

See page 26.

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. 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 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 42.

DEAN'S LIST

See page 46.

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.)

Concentration: General Studies

Computer Technology and Information Management (A.A.S.)

Concentration: Administrative Management
Computer Sciences and Electronics

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 SCIENCE DEGREE with majors in:

Public Management (see page 299)

Concentrations in: General Management*
Geography/Geology
Health and Human Performance (Recreation)
History
Political Science
Police Science*
Public Management (Criminal Justice)
Sociology

Engineering Technology

Concentrations: General
Electronics
Electrical with Robotics
Manufacturing with Robotics
Manufacturing

BACHELOR OF SCIENCE PROFESSIONAL STUDIES DEGREE with major in:
Professional Studies (see page 290)

*Available only at Fort Campbell.

ACADEMIC STATUS AND RETENTION

See page 45.

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 Science in 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. 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 60 hours must be met as outlined below, including the 41 hours in the six specified areas and 19 additional elective hours.

MAJOR: LIBERAL ARTS (60 HOURS)

Advisors: M. Jones, T. Zanders

- I Communications 9 hours**
 - A. ENGL 1010 (3) - English Composition I
 - B. ENGL 1020 (3) - English Composition II
 - C. COMM 1010 (3) - Fundamentals of Public Speaking
- II History 6 hours**
Select any two courses listed below:
 - A. HIST 2010 - American History I (3)
 - B. HIST 2020 - American History II (3)
 - C. HIST 2030 - History of Tennessee (3)
- III Humanities and/or Fine Arts 9 hours**
 - A. ENGL 2030 - Traditions in World Literature (3)*Select one course from each of two disciplines below:*
 - B. ART 1030 - Art Appreciation (3)
 - C. MUS 1030 - Music Appreciation (3)
 - D. MUS 2030 - World Music (3)
 - E. PHIL 1030 - Introduction to Philosophy (3)
 - F. PHIL 2200 - Religion and the World (3)
 - G. THEA 1030 - Introduction to Theatre (3)

IV Mathematics 3 hours*Select one course listed below:*

- A. MATH 1010 - Mathematical Thought and Practice (3)
- B. MATH 1420 - Structure of Mathematical Systems (3)
- C. MATH 1530 - Elements of Statistics (3)
- D. MATH 1730 - Pre-Calculus (4)
- E. MATH 1810 - Elements of Calculus (3)
- F. MATH 1910 - Calculus and Analytic Geometry (5)

VI Natural Sciences 8 hours*Select any two courses listed below:*

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

V Social & Behavioral Sciences 6 hours*Select one course from each of two disciplines below:*

- A. ECON 2010 - Principles of Macroeconomics (3)
- B. GEOG 1010 - Physical Geography (3)
- C. GEOG 1020 - Geography of the Developed World (3)
- D. GEOG 1030 - Geography of the Developing World (3)
- E. HHP 1250 - Wellness Concepts & Practices (3)
- F. HIST 1210 - World History I (3)
- G. HIST1220 - World History II (3)
- H. POLS 2010 - American National Government (3)
- I. POLS 2040 - Introduction to Public Policy (3)
- J. POLS 2070 - International Politics (3)
- K. PSY 1010 - General Psychology (3)
- L. SOC 2010 - Introduction to Sociology (3)
- M. SOC 2050 - Social Problems (3)
- N. SOC 2500 - Cultural Anthropology (3)

VI General Education Electives 19 hours

REQUIREMENTS OF ASSOCIATE OF APPLIED SCIENCE DEGREE (A.A.S.)**MAJOR: Computer Technology and Information Management****CONCENTRATION: Computer Science and Electronics (60)**

Advisor: Evans

SUGGESTED PROGRAM OF STUDY

Freshman Year	Cr	Sophomore Year	Cr
CSCI 1000, 1010	6	COMM 1010	3
ENGL 1010	3	CSCI 2010, 2060, 3020	9
ET 2030, 2040	6	ECON 2010	3
HUM Elective	3	Electives	6
MATH 1110	3	MATH 1720	3
Electives	9	PSY 1010 or SOC 2010	3
		PHYS 1020	4
Total Hours	30	Total Hours	31

Core of Common Knowledge (16)

		Cr
ECON 2010	Principles of Macroeconomics	3
ENGL 1010	English Composition	3
HUM	See this bulletin for listing	3
Nat SCI/MATH	See this bulletin for listing	3/4
One additional course from Communication, Humanities and/or Fine Arts, Social/Behavioral Sciences, or Natural Science/Mathematics		3
		15/16

Major Core (18)

		Cr
CTIM 2100	Introduction to Operating Systems	3
CTIM 2110	Information Technology Concepts	3
CTIM 2300	Business Communications	3
CTIM 2350 or MT 2050	Office Management or Principles of Management	3
MT 2010 or ACCT 2010	Accounting Survey or Principles of Accounting I	3
COMM 1010	Fundamentals of Public Speaking	3
		18

Concentration Requirements (24)

		Cr
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
		24

Elective (3)

		Cr
Elective		3
	TOTAL HOURS	60/61

MAJOR: COMPUTER TECHNOLOGY AND INFORMATION MANAGEMENT

CONCENTRATION: Administrative Management (60)

Advisor: Evans

SUGGESTED PROGRAM OF STUDY

Freshman	Cr	Sophomore	Cr
CTIM 2010, 2020, 2110, 2040, 2050	15	COMM 1010	3
CTIM Elective	3	CTIM 2160, 2210, 2300, 2350	12
ENGL 1010	3	CTIM Elective	3
MATH 1010	3	ECON 2000 or 2010	3
MT 2010, 2050	6	HUM Elective	3
		MT 2250, 2370	6
Total Hours	30	Total Hours	30

Core of Common Knowledge (15)

		Cr
ECON 2010	Principles of Economics I	3
ENGL 1010	English Composition I	3
HUM	See Liberal Arts Core	3
MATH or Natural Science	See Liberal Arts Core	3/4
One additional course from Communication, Humanities and/or Fine Arts, Social/Behavioral Sciences or Natural Science/Mathematics		3
		15/16

Major Core (18)

		Cr
CTIM 2100	Introduction to Operating Systems	3
CTIM 2110	Information Technology Concepts	3
CTIM 2300	Business Communications	3
CTIM 2350 or MT 2050	Office Management or Principles of Management	3
MT 2010 or ACCT 2010	Accounting Survey or Principles of Accounting I	3
COMM 1010	Fundamentals of Public Speaking	3
		18

Concentration Requirements (24)

		Cr
CTIM 2010	Document Processing I	3
CTIM 2020	Document Processing II	3
CTIM 2040	Word Processing Concepts and Applications	3
CTIM 2130	Spreadsheet Applications	3
CTIM 2140	Database Applications	3
CTIM 2190	Information Management	3
CTIM 2210	Office Systems and Procedures	3
CTIM 2990	Internship in CTIM	3
		24

Elective (3)

		Cr
Elective (suggested): CTIM 2050, 2150, 2170, 2180		3
TOTAL HOURS		60/61

COURSE DESCRIPTIONS

COMPUTER TECHNOLOGY AND INFORMATION MANAGEMENT

Following are course descriptions for technical courses taught exclusively at Fort Campbell.

CTIM 2000 Keyboarding (3)

Basic alphanumeric instruction on the microcomputer keyboard. 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 of Operating Systems (3)

Introduction to the hardware and software of microcomputers; instruction on configuring and troubleshooting of microsystems: Windows instruction.

CTIM 2110 Information Technology Concepts (3)

Computer terminology, professional ethics and social implications of computers. Introduction to networking concepts, protocols, communication services, e-business applications, network security, and emerging initiatives.

CTIM 2120 Integrated Software Applications (3)

Prerequisites: CTIM 2100 or 2110 or equivalent skills

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 2130 Spreadsheet Applications (3)

Prerequisite: CTIM 2100 or 2110 or equivalent skills

Basic business applications using spreadsheet software. Create professional looking workbooks using templates, create multiple worksheets, and work with formulas and functions. Case-based, problem solving approach used.

CTIM 213A Microcomputer Applications: Word Processing (1.5)

Prerequisites: CTIM 2100, 2110 or equivalent skills

Microcomputer-based word processing software, creating, editing, and manipulating documents of varying sophistication.

CTIM 213B Microcomputer Applications: Spreadsheets (1.5)

Prerequisites: CTIM 2100, 2110 or equivalent skills

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, 2110 or equivalent skills

Concepts of database management system using microcomputer database software to apply and validate these concepts.

CTIM 213D Microcomputer Applications: Desktop Publishing (1.5)

Prerequisites: CTIM2100, 2110 or equivalent skills

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, 2110 or equivalent skills

Software used to design presentation graphics such as business charts, line charts, bar graphs, and organization charts.

CTIM 2135 Advanced Spreadsheet Applications (3)

Prerequisite: CTIM 2130

Advanced business applications using spreadsheet software. Develop customized applications with macros and Visual Basic. Hands-on training to include case studies.

CTIM 2140 Database Applications (3)

Prerequisite: CTIM 2100 or CTIM 2110 or equivalent skills

Basic business applications using database software. Develop queries, forms, and reports. Case-based, problem solving approach used.

CTIM 2145 Advanced Database Applications (3)

Prerequisite: CTIM 2140

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 (3)

Prerequisite: CTIM 2100 or CTIM 2110 or equivalent skills

Software used to design presentation graphics such as business charts, bar graphs, and organization charts; apply complex animation and sound effects; manipulate digital photographs and drawing diagrams and illustrations.

CTIM 2160 Records and Information Management (3)

Equipment and systems used for information storage, transmission and retrieval. Includes concepts of filing: micrographic; forms design, usage, and control; and evaluation, protection, and destruction of vital records.

CTIM 2170 Web Page Design Applications (3)

Prerequisite: CTIM 2100 or CTIM 2110 or equivalent skills

Coverage of essential Web page development topics such as HTML, common Web page elements, hyperlinks, templates, tables, formatting, image maps, thumbnail images, interactive forms, and frames.

CTIM 2180 Visual Basic I (3)

Prerequisite: CTIM 2100 or CTIM 2110 or equivalent skills

Introduces the beginning-programming student to building applications in a graphical environment. Basic concepts in methods of object oriented programming.

CTIM 2185 Visual Basic II (3)

Prerequisite: CTIM 2180

Advanced concepts in methods of object oriented programming. Manipulating strings random access files, arrays, sequential access files and printing.

CTIM 2190 Information Management (3)

Prerequisite: CTIM 2100 or CTIM 2110 or equivalent skills

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)

Prerequisite: ENGL 1010

Principles of effective business communications. Solving business problems through writing business letters, reports, and oral communications.

CTIM 2350 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 (3)

Prerequisite: CTIM 2100 or CTIM 2110 or equivalent skills

Installing, configuring, and maintaining windows workstations. Understanding users, groups, profiles, and policies. Troubleshooting, disaster recovery and protection.

CTIM 2610 Windows Server (3)

Prerequisite: CTIM 2600 or permission of instructor

Installing, configuring, and maintaining windows server. Understanding users, groups, profiles, and policies. Troubleshooting, disaster recovery, and protection. Managing groups, folders and files.

CTIM 2620 Windows Directory Services (3)

Prerequisite: CTIM 2600 or permission of instructor

Analyzing business requirements, information technology structures, software requirements, hardware and network requirements. Designing forests, trees, and domains, organizational units, sites, and DNS implementation, security group and group policy.

CTIM 2630 Networking Infrastructure (3)

Prerequisite: CTIM 2600 or permission of instructor

Analyzing technical requirements, TCP/IP network, IP configuration, and name resolution strategies. Designing a multi-protocol strategy, Dfs strategy, a WAN infrastructure, an Internet connectivity strategy for Internet and Intranet services, and a management and implementation strategy for Windows Networking.

CTIM 2700 Network Management and Maintenance (3)

Prerequisite: CTIM 2100 or CTIM 2110 or equivalent skills

Introduces hardware and software concepts, troubleshooting fundamentals, multi-media technology, printers, viruses, disaster recovery, and maintenance plans.

CTIM 2900 Seminar for Professional Secretaries I (3)

Strengthen and update secretarial knowledge in the office, information technology, decision sciences, communications, and office administration areas. Pass/Fail

CTIM 2910 Seminar for Professional Secretaries II (3)

Strengthen and update secretarial knowledge in the management, economics, business law and accounting/finance areas. Pass/Fail

CTIM 2990 Internship in Computer Technology and Information Management (3)

Professional unpaid work experience in preparation for employment in the computer technology and information management areas. A formal written report documenting experiences, a detailed daily log, and supervisory evaluation is required. Pass/Fail

CTIM 299A, B, C Special Problems in Computer Technology and Information Management (1, 2, 3)

Individual research relating to current problems, issues, and/or technological advancements related to Computer Technology and Information Management. Conducted under the guidance of a faculty member.



MAJOR: MANAGEMENT TECHNOLOGY (60 HOURS)**CONCENTRATION: Management Technology**

Advisor: Halliman

SUGGESTED PROGRAM OF STUDY

Freshman Year	Cr	Sophomore Year	Cr
ENGL 1010	3	COMM 1010	3
CTIM 2110	3	ECON 2010	3
MATH 1010	3	HUM Elective	3
MT 1000, 2010, 2030, 2050, 2250	15	MT 2110, 2150, 2550	9
MT 2400, Elective	6	CTIM 2300, 2350	6
		Gen Ed Elective	3
		MT Elective	3
Total Hours	30	Total Hours	30

Core of Common Knowledge (15)

COMM 1010	Fundamentals of Public Speaking	3
ECON 2010	Macroeconomics	3
ENGL 1010	English Composition	3
MATH 1010	Mathematical Thought and Practice	3
HUM	See this bulletin for listing	3
		15

Concentration Requirements (36)

MT 1000	Introduction to Business Environment	3
MT 2010	Accounting Survey	3
MT 2030	Marketing Survey	3
MT 2050	Principles of Management	3
MT 2250	Introduction to Business Law	3
MT 2400	Human Resources Management	3
MT 2550	Small Business Operations	3
MT 2110	Business Statistics	3
MT 2150	Personal Financial Management	3
CTIM 2110	Microcomputer Fundamentals	3
CTIM2300	Business Communications	3
CTIM 2350	Office Management and Supervision	3
		36

Guided Electives (6) 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
		6

Elective (3)

Elective		3
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Selected from appropriate courses in the Colleges of Arts and Letters, Science and Mathematics, Professional Programs and Social Sciences, or the School of Technology and Public Management. Students planning to pursue a baccalaureate degree should generally select the electives required to fulfill the baccalaureate Liberal Arts core.

Total Hours **60**

CONCENTRATION: Management Technology**Specialization: General Business**

Advisor: Halliman

SUGGESTED PROGRAM OF STUDY

Freshman Year	Cr	Sophomore Year	Cr
ACCT 2010	3	ACCT 2020	3
ENGL 1010	3	COMM 1010	3
MATH 1010	3	ECON 2010, 2020	6
MIS 1100	3	Electives	6
MT 1000, 2030, 2050, 2250	12	HUM Elective	3
Am. HIST	3	MATH 1810	3
QM 2110	3	Natural SCI w/lab	4
		CTIM 2110	3
Total Hours	30	Total Hours	31

Core of Common Knowledge (15)

		Cr
COMM 1010	Fundamentals of Public Speaking	3
ECON 2010	Principles of Economics I	3
ENGL 1010	English Composition	3
HUM Elective	See this bulletin for listing	3
MATH 1010	Mathematical Thought and Practice	3
		15

Concentration Requirements (30)

		Cr
ACCT 2010	Principles of Accounting I	3
ACCT 2020	Principles of Accounting II	3
CTIM 2110	Microcomputer Fundamentals	3
MATH 1810	Elements of Calculus	3
MT 1000	Introduction to Business Environment	3
MT 2020	Principles of Economics II	3
MT 2030	Marketing Survey	3
MT 2050	Principles of Management	3
MT 2250	Introduction to Business Law	3
QM 2110	Business and Economic Statistics I	3
		30

Guided Electives (9)

Select nine hours from B.S. Liberal Arts core with the minimum hours indicated from each of the following areas:

HIST	American History 2010 or 2020	3
SCI	Natural Science w/lab	4
Humanities		3
		9

Electives (6)

Electives		6
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Selected from appropriate courses in the Colleges of Arts and Letters, Science and Mathematics, Professional Programs and Social Sciences, 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.

TOTAL HOURS**60**

CONCENTRATION: Management Technology**Specialization: Industrial Management**

Advisor: Halliman

SUGGESTED PROGRAM OF STUDY

Freshman	Cr	Sophomore	Cr
ECON 2010	3	COMM 1010	3
ENGL 1010	3	CTIM 2300 or ENGL 1100	3
CTIM 2110	3	HUM Elective	3
MATH 1610	3	MT 2370, 2400, 2450, 2500, 2570	15
MT 2050, 2110, 2120, 2200, 2250	15	MT Electives	6
Elective	3		
Total Hours	30	Total Hours	30

Core of Common Knowledge (15)

COMM 1010	Fundamentals of Public Speaking	3
ECON 2010	Principles of Economics I	3
ENGL 1010	English Composition	3
HUM Elective	See this bulletin for listing	3
MATH 1010	Mathematical Thought and Practice	3
		15

Concentration Requirements (36)

MT 2050	Principles of Management	3
MT 2110	Business Statistics	3
MT 2120	Statistical Process Control	3
MT 2200	Business and Industrial Safety	3
MT 2250	Intro to Business Law	3
MT 2370	Human Relations in Business	3
MT 2400	Human Resource Management	3
MT 2450	Labor Relations	3
MT 2500	Purchasing and Logistics	3
MT 2570	Production Management	3
CTIM 2300 or ENGL 1100	Business Communications or Technical Report Writing	3
CTIM 2110	Microcomputer Fundamentals	3
		36

Guided Electives - (Select 2 from the following)

MT 2010	Accounting Survey	3
MT 2270	Business Ethics	3
MT 2600	Seminar: Special Topics in Industrial Management	3
MT 2350	Office Management and Supervision	3
		6

Electives (3)

Electives		3
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Select from appropriate courses in the Colleges of Arts and Letters, Science and Mathematics, Professional Programs and Social Sciences, 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.

TOTAL HOURS**60**

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 (60)**CONCENTRATION: Police Science and Administration**

Advisor: Neal

*Students must select the specialization in Police Administration or Corrections Management.***SUGGESTED PROGRAM OF STUDY****Specialization I: Police Administration**

Freshman	Cr	Sophomore	Cr
ENGL 1010	3	COR 1090	3
LEN 1010, 1020, 1030, 1080, 2010	15	Elective	3
LEN Electives	9	HUM Elective	3
PSY 1010 or SOC 2010	3	Gen EDUC Elective	3
		LEN 2020, 2030, 2040, 2080	12
		LEN Elective	3
		MATH or SCI	3/4
Total Hours	30	Total Hours	30/31

Core of Common Knowledge (15/16)

		Cr
ENGL 1010	English Composition I	3
HUM and/or Fine Arts	See this bulletin for listing	3
Natural SCI/MATH	See this bulletin for listing	3/4
PSY 1010 or	General Psychology	
SOC 2010	Introduction to Sociology	3
Elective from COMM, HUM, Fine Arts, Social/Behavioral		3
		15/16

Concentration Requirements (30)

		Cr
COR 1090	Constitutional Issues in Law Enforcement	3
LEN 1010	Introduction to Criminal Justice	3
LEN 1020	Criminal Law and Procedure	3
LEN 1030	Criminalistics	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	Internship	3
		30

Guided Criminal Justice Electives (Select 4 for 12 hours)

		Cr
COR 1050	Survey of Correctional Institutions	3
COR 1060	Introduction to Criminology	3
COR 1070	Community-Based Corrections	3
COR 2060	Correctional Management	3
COR 2070	Probation, Pardons, and Parole	3
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
	Total Requirements for Guided Criminal Justice	12

General Elective (3)

Selected from appropriate courses in the Colleges of Arts and Letters, Science and Mathematics, Professional Programs and Social Sciences, or the School of Technology and Public Management. Students planning to pursue a baccalaureate degree should generally select the electives required to fulfill the baccalaureate Liberal Arts core.

Summary of Degree Requirements

Core of Common Knowledge	Cr
Specialization I: Police Administration	15-16
Guided Criminal Justice Electives	30
General Elective	12
	3
Total Hours Required for Graduation with AAS Degree	60-61

CONCENTRATION: Specialization II: Corrections Management (60)

SUGGESTED PROGRAM OF STUDY

Specialization II: Corrections Management

Freshman	Cr	Sophomore	Cr.
COR 1050, 1060, 1070	9	COR 1090, 2060, 2070	9
Electives	6	Elective	3
ENGL 1010	3	HUM Elective	3
LEN 1010, 1020, 1040	9	LEN 2030, 2040, 2050	9
PSY 1010 or SOC 2010	3	SCI/MATH	3
Total Hours	30	Total Hours	30

Core of Common Knowledge (15/16)

ENGL 1010	English Composition I	Cr
HUM and/or Fine Arts	See this bulletin for listing	3
Natural SCI/MATH	See this bulletin for listing	3/4
PSY 1010 or	General Psychology	
SOC 2010	Introduction to Sociology	3
Elective from COMM, HUM, Fine Arts, Social/Behavioral		3
		15-16

Concentration Requirements (36)

COR 1050	Survey of Institutional Corrections	Cr
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
LEN 1010	Introduction to Criminal Justice	3
LEN 1020	Criminal Law and Procedures	3
LEN 2030	Criminal Evidence	3
LEN 2040	Drug Identification and Effects	3
LEN 2050	Juvenile Procedures	3
		36

Electives (6)**Cr**

Electives

6

Selected from appropriate courses in the Colleges of Arts and Letters, Science and Mathematics, Professional Programs and Social Sciences, or the School of Technology and Public Management. Students planning to pursue a baccalaureate degree should generally select the electives required to fulfill the baccalaureate Liberal Arts core.

TOTAL HOURS**60-61****COURSE DESCRIPTIONS**

Following are course descriptions for technical courses taught exclusively at Fort Campbell.

NOTE: *LEN 1010 is a prerequisite for all other COR/LEN courses*

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)

Prerequisite: COR 1090

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 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)

Prerequisite: COR 1090

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 (60)**CONCENTRATION: Restaurant Management**

Advisor: Stanfill

Students must select the specialization in Food Services or Culinary Arts

Specialization I: Food Service (60)**SUGGESTED PROGRAM OF STUDY**

Freshman	Cr	Sophomore	Cr
ENGL 1010	3	COMM 1010	3
FS 1100, 1500, 2040, 2200, 2300	15	FS 1300, 1400, 2050, 2100, 2400	15
FS 2500, 2990	6	FS 2600, 2980	6
Elective	3	HUM	3
SOC SCI	3	MATH or Natural SCI	3/4
Total Hours	30	Total Hours	30/31

Core of Common Knowledge (18/19)

ENGL 1010	English Composition I	Cr	3
HUM and/or Fine Arts	See this bulletin for listing		3
Nat SCI/MATH	See this bulletin for listing		3/4
SOC BEH SCI	See this bulletin for listing		3
COMM 1010	Fundamentals of Public Speaking		3
Electives from COMM, HUM, Fine Arts, Social/Behavioral			3
			18/19

Concentration Requirements (42)

FS 1100	Basic Food Service and Sanitation	Cr	3
FS 1300	Food Prep - Breakfast		3
FS 1400	Food Prep - Lunch		3
FS 1500	Food Prep - Dinner		3
FS 2040	Cake Decorating		3
FS 2050	Ice Sculpture		3
FS 2100	Food Prep - Buffet Cater		3
FS 2200	Gourmet Foods		3
FS 2300	Food Management Oper and Admin		3
FS 2400	Facility Layout		3
FS 2500	Decoration and Design		3
FS 2600	Nutrition and Menu Plan		3
FS 2980	Culinary Skills		3
FS 2990	Supervised Field Study		3
TOTAL HOURS			42

Specialization II: Culinary Arts (60)**SUGGESTED PROGRAM OF STUDY**

Freshman	Cr	Sophomore	Cr
CA 2000, 2100, 2400, 2420, 2510	15	CA 2200, 2300, 2410, 2520, 2530	15
CA 2800, 2900	6	CA Electives	6
Elective	3	COMM 1010	3
ENGL 1010	3	HUM	3
SOC SCI	3	MATH or Natural SCI	3/4
Total Hours	30	Total Hours	30/31

Core of Common Knowledge (15/16)

ENGL 1010	English Composition I	Cr	3
HUM and/or Fine Arts	See this bulletin for listing		3
Nat SCI/MATH	See this bulletin for listing		3
SOC BEH SCI	See this bulletin for listing		3
COMM 1010	Fundamentals of Public Speaking		3
			15

Concentration Requirements (33)

CA 2000	Introduction to Culinary Arts	Cr	3
CA 2100	Sanitation and Safety		3
CA 2200	Nutrition and Menu Plan		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 2520	Garden Manager	3
CA 2530	Purchasing and Receiving	3
CA 2800	International Food Preparation	3
CA 2900	Field Study in Culinary Operations	3
		33

Guided Electives (9)

CA 2500	Culinary Baking	3
CA 2600	Bar Service	3
CA 2700	Bar Management	3
CA 2710	Meat Cutting and Processing	3
FS 2500	Decoration and Design	3
FS 2200	Gourmet Foods	3
FS 2980	Culinary Skills	3
		3

General Electives (3)

Elective	See this bulletin for listing	3
	TOTAL HOURS	60/61

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 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, 1400, 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 buttetfish/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 (60)**CONCENTRATION: Automotive Technology**

Advisor: French

SUGGESTED PROGRAM OF STUDY

Freshman Year	Cr	Sophomore Year	Cr
AT 1050, 1240, 1300, 1350, 1400, 1450	15	AT 2300, 2350, 2400, 2550, 2570	15
AT 2000, 2250	6	AT 2590, Elective	6
ENGL 1010	3	COMM	3
SOC SCI	3	Elective	3
Humanities	3	MATH or Natural SCI	3/4
Total Hours	30	Total Hours	30/31

Core of Common Knowledge (15)

		Cr
ENGL 1010	English Composition I	3
HUM and/or Fine Arts	See bulletin for listing	3
Natural SCI/MATH	See bulletin for listing	3
SOC/Behavior SCI	See bulletin for listing	3/4
COMM 1010	Fundamentals of Public Speaking	3
		15

Concentration Requirements (42)

		Cr
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
		42

Guided Electives (3)

		Cr
AT 2600	Production Mechanics	3
AT 2810	Special Topics in Auto Technology	3
	TOTAL HOURS	60

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, 2550

Diagnosis and repair of automotive fuel, emission, and ignition, electronic and computer systems, and use of electronic test equipment.

AT 2590 Advanced Automotive Transmissions (3)

Prerequisite: AT 2350 or permission of advisor

Further instruction in automatic transmissions and transaxles including principles of operation, troubleshooting, and overhaul procedures on hydraulically operated transmissions and transaxles, torque converters, fluid couplings, and computerized transmission and transaxle system controls.

AT 2600 Production Mechanics (3)

Prerequisites: AT 1400, 2000, 2250, 2350, 2550, 2570, Elective or permission of instructor

Line and simulated work on all phases of automobile mechanics.

MAJOR: Occupational Studies (60)**CONCENTRATION: Construction Technology**

Advisor: Purdom

Students must select the specialization in General Construction or Metal Construction

SUGGESTED PROGRAM OF STUDY

Freshman Year	Cr	Sophomore Year	Cr
CT 1210, 1320, 1330, 1430, 1620	15	CT 2440	3
CT 1680, 1820, 2430	9	CT Electives	15
ENGL 1010	3	Gen Ed. Elective	3
PSY 1010 or SOC 2010	3	HUM Elective	3
		MATH/SCI	3/4
Total Hours	30	Total Hours	30/31

Core of Common Knowledge (15/16)

ENGL 1010	English Composition I	3
MATH or SCI	See bulletin for listing	3
PSY 1010 or SOC 2010	General Psychology or Introduction to Sociology	3
Gen Ed Elective	See this bulletin for listing	3
HUM	See this bulletin for listing	3
		15/16

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
		27

Select 15 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
	TOTAL HOURS	15
		60

Elective - General Construction**Cr**

3

Selected from appropriate courses in the Colleges of Arts and Letters, Science and Mathematics, Professional Programs and Social Sciences, or the School of Technology and Public Management. Students planning to pursue a baccalaureate degree should generally select the electives required to fulfill the Liberal Arts core.

Specialization II: Metal Construction (60/61)**SUGGESTED PROGRAM OF STUDY**

Freshman Year	Cr	Sophomore Year	Cr
ENGL 1010	3	CT 1430, 1680, 2520	9
PSY 1010 or SOC 2010	3	COMM 1010	3
WT 1050, 1150, 1250, 1300, 2050, 2350	18	MATH or SCI	3/4
Gen Ed Elective	3	WT 2450, 2550, 2650, 2700	12
Humanities Elective	3	Elective	3
Total Hours	30	Total Hours	30

Core of Common Knowledge (15)**Cr**

ENGL 1010	English Composition I	3
MATH or SCI	See this bulletin for listing	3/4
PSY 1010 or SOC 2010	General Psychology or Introduction to Sociology	3
Gen Ed Elective	See this bulletin for listing	3
HUM	See this bulletin for listing	3
		15/16

Specialization II: Metal Construction (Required 42 Hours)**Cr**

CT 1430	Blueprint Reading and Sketching I	3
CT 1680	Applied Electricity	3
CT 2520	Contracts and Specifications	3
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
		42

Electives - Metal Construction (3)

Selected from appropriate courses in the Colleges of Arts and Letters, Science and Mathematics, Professional Programs and Social Sciences, or the School of Technology and Public Management. Students planning to pursue a baccalaureate degree should generally select the electives required to fulfill the Liberal Arts core.

TOTAL HOURS

3
60

COURSE DESCRIPTIONS

CONSTRUCTION TECHNOLOGY

Following are course descriptions for technical courses taught exclusively at Fort Campbell.

CT 1000 Home Repair and Maintenance (3)

CT 100A, B, C (1 hour each) is equivalent to CT 1000

Acquire the knowledge and skill necessary for home repair and maintenance of plumbing fixtures, electrical devices, and carpentry repair; to include the necessary tools and safety requirements to perform such repair.

CT 100A Plumbing Home Repair and Maintenance (1)

Acquire the knowledge and skill necessary to perform home plumbing repairs and home maintenance; to include faucet repair, toilets, sinks, and drainage repairs.

CT 100B Electrical Home Repair and Maintenance (1)

Acquire the knowledge and skill necessary to perform home electrical repairs and home maintenance; to include light fixtures, ceiling fans, lamps, switches, plugs, and appliance cords.

CT 100C Carpentry Home Repair and Maintenance (1)

Acquire the knowledge and skill necessary to perform home carpentry repairs and home maintenance; to include walls, ceilings, doors, locking devices, windows, and screens.

CT 1210 Construction Surveying (3)

Theory, principles, and practice of surveying as applied to construction; with special emphasis on including cross-sections, slope stakes, grades and layout of utilities and buildings; field note procedure; differential and profile leveling; care and use of instruments, taping measuring of angles and directions; closure and area computations.

CT 1300 Blueprint Reading and Leveling Instruments (3)

Language of blueprints, building codes, zoning, permits and inspections, which includes builder's level and transit level.

CT 1320 Construction Drawing I (3)

Modern house and small commercial building construction methods, drafting detailed drawings of carpentry and masonry construction. Simple space relation problems are studied strengthening the student's ability to visualize space. Basic house design, site consideration, modular aspects, 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 FHA/VA 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 metallurgical 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 (60)**CONCENTRATION: Electronics Technology**

Advisor: Salama

Students must select the specialization in Electronic Communications or Computer Technology.

Specialization I: Electronic Communications**SUGGESTED PROGRAM OF STUDY**

Freshman Year	Cr	Sophomore Year	Cr
COMM 1010	3	ET 1150, 1240, 2040, 2320	12
ENGL 1010	3	ET 2140, 2150	6
ET 1010 or 1210 or ENGT 1020	3	ET 2330, ENGT 2020	6
ET 1030, 1040, 1110, 1120	12	HUM Elective	3
ET 1230, 2030	6	PSY 1010 or SOC 2010	3
PHYS 1020 (without lab)	3		
Total Hours	30	Total Hours	30

Core of Common Knowledge (15)

COMM 1010	Fundamentals of Public Speaking	3
ENGL 1010	English Composition	3
HUM Elective	See this bulletin for listing	3
PHYS 1020 (without lab)	Understanding the Physical World	3
PSY 1010 or SOC 2010	General Psychology or Introduction to Sociology	3
		15

Concentration Requirements (42)

ET 1030	DC Fundamentals and Circuits	3
ET 1040	AC Fundamentals and Circuits	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
		42

Elective (select one course) (3)

ET 1010	Introduction to Electronic Technology	3
ET 1210	Electronic Test Equipment	3
ENGT 1020	Computer-Aided Drafting and Design	3

or

From appropriate courses in the Colleges of Arts and Letters, Science and Mathematics, Professional Programs and Social Sciences, or the School of Technology and Public Management. Students planning to pursue a baccalaureate degree should generally select the electives required to fulfill the baccalaureate Liberal Arts core.

TOTAL HOURS **60**

Specialization II: Computer Technology**SUGGESTED PROGRAM OF STUDY**

Freshman Year	Cr	Sophomore Year	Cr
COMM 1010	3	HUM Elective	3
ENGL 1010	3	PSY 1010 or SOC 2010	3
PHYS 1020 (without lab)	3	ET 1150, 1240, 2040, 2320	12
ET 1010 or 1210 or		ET 2410, 2420, 2430, 2440	12
ENGT 1020 or 2020	3		
ET 1030, 1040, 1110, 1120	12		
ET 1230, 2030	6		
Total Hours	30	Total Hours	30

Core of Common Knowledge (15)

COMM 1010	Fundamentals of Public Speaking	3
ENGL 1010	English Composition	3
HUM Elective	See this bulletin for listing	3
PHYS 1020 (without lab)	Understanding the Physical World	3
PHYS 1010 or SOC 2010	General Psychology or Intro to Soc	3
		15

Concentration Requirements (42)

ET 1030	DC Fundamentals and Circuits	3
ET 1040	AC Fundamentals and Circuits	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	Intro to Computer Architecture	3
ET 2430	Intro to Operating Systems	3
ET 2440	Intro to Programmable Controllers	3
		42

Elective (select one course) (3)**Cr**

ET 1010	Introduction to Electronic Technology	3
ET 1210	Electronic Test Equipment	3
ENGT 1020	Computer-Aided Drafting and Design	3
ENGT 2020	Robotics Fundamentals	3

or

From appropriate courses in the Colleges of Arts and Letters, Science and Mathematics, Professional Programs and Social Sciences, or the School of Technology and Public Management. Students planning to pursue a baccalaureate degree should generally select the electives required to fulfill the baccalaureate Liberal Arts core.

TOTAL HOURS**60****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 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, 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, 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 1150,1240

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, 2140; *Corequisites:* ET 2150, 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)

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 182.

PROFESSIONAL STUDIES (B.S.P.S.)

See page 290.

PUBLIC MANAGEMENT (B.S.)

See page 299.

AUSTIN PEAY STATE UNIVERSITY

Appendix A

HIGH SCHOOL UNITS THAT MEET TENNESSEE BOARD OF REGENTS ADMISSIONS REQUIREMENTS

Natural/Physical Sciences - 2 units required (1 unit MUST be from group A. Must be 1 year units)

Courses Fulfilling Requirements

At least 1 unit MUST BE from Group A

Group A

Biology I, II
Biology for Technology
Chemistry I, II
Principles of Technology I, II
Physics

Group B

Anatomy and Physiology
Ecology
Environmental Science (AP)²
Geology
Nutrition Science
Physical Science
Agriscience²

Course Not Fulfilling Requirements

Earth Science
Environmental Science (Non-AP)
Life Science

Courses Fulfilling Requirements**Foreign Language - 2 units**

(must be in the same language)

French
German
Japanese
Latin
Russian
Spanish
Other Languages

Course Not Fulfilling Requirements

Computer Language
American Sign Language

Social Studies - 1 unit required (*fulfills requirements for graduates prior to 1993)

Ancient History
European History
Modern History
World History
World Geography

Anthropology*
Civics*
Contemp Issues*
Economics*
Psychology*
Sociology*
US Gov*

English - 4 units required

English I, II, III, IV Applied
Communication¹
Trigonometry

Business Communication
Journalism
Speech

Mathematics - 3 units required (Algebra - 2 units required and 1 additional unit)

Algebra I (revised) or Math
Technology II
Algebra II and Geometry (revised)⁴
Advanced Algebra and Trigonometry (revised)⁴
Statistics⁴
Discrete Math with Probability⁴

Accounting I, II or III
Applied Mathematics I, II
Arithmetic, Business Math
Computer Technology
Pre-Algebra, Competency Math
Foundations I, II

OR**Mathematics - 3 units required - Integrated Math Sequence**

Integrated Math I, II, III

Same as above

U.S. History - 1 unit required

U.S. History

¹ Applied Communication satisfies English III or English IV.² Approved by the Dept. of Education effective Fall 1997.³ Formerly named Science 1-A.⁴ Approved by the Dept. of Education effective Fall 1999.**Tennessee High School Courses Which Meet The University of Tennessee and Tennessee Board of Regents University Admissions Requirements (Continued)****UT/TBR Unit Requirements**

Mathematics

Natural/Physical Sciences

High School Courses No Longer Offered**BUT - Still Meeting Admission Requirements** ¹Math IV (1 unit)²Pre-Calculus (1/2 - 1 unit)²Probability & Statistics (1/2 credit)²Trigonometry (1/2 unit)²Unified Geometry (1 unit)²Ecology and Conservation of Natural Resources³General Science⁴

¹ 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.

² A course offering through Summer 1999

³ A course offering through Summer 1997

⁴ 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.

HIGH SCHOOL	COURSE(S) TO REMOVE	DEFICIENCY	CREDIT	HIGH SCHOOL	COURSE(S) TO REMOVE	DEFICIENCY	CREDIT
ALGEBRA I	DSPM0800***		3	NATURAL/ PHYSICAL SCIENCE	BIOL 1010/1020		4
ALGEBRA 2	DSPM0850***		3		CHEM 1000		4
ADVANCED MATH/ GEOMETRY	MATH0990***		3		CHEM 1010/1020		4
					GEOL 1040/1050		4
					PHYS 1010/1020		4
					PHYS 1200		4
ENGLISH 4	DSPW0800***		3	SOCIAL STUDIES	ECON 2000/2010		3
US HISTORY	HIST 2010*/2020*		3		FIN 1000		3
VISUAL/ PERFORMING ART	ART 1030				GEOG 1010/1020		3
	MUS 1030				GEOG 1030		3
	THEA 1030				HIST 1210/1220		3
FOREIGN LANGUAGE I	FREN 1010				POLS 2010/2040		3
	GERM 1010				POLS 2070		3
	SPAN 1010**				PSY 1010		3
	LATN 1010				SOC 2010/2050		3
	JAPN 1010						
	GREK 1010						
FOREIGN LANGUAGE II	FREN 1020						
	GERM 1020						
	SPAN 1020**						
	LATN 1020						
	JAPN 1020						
	GREK 1020						

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

- I. **Admission of non-Tennessee Residents** - Applicants who are residents of states other than Tennessee are subject to the same admission requirements as in-state applicants.
- II. **Residency Classification**
 - A. **Intent**
It is the intent that the public institutions of higher education in the State of Tennessee shall apply uniform rules, as described in these regulations and not otherwise, in determining whether students shall be classified "in-state-" or "out-of-state" for fees and tuition purposes and for admissions purposes.
 - B. **Definitions**
Wherever used in these regulations:
 1. "Public Higher Education Institution" shall mean a university or community college supported by appropriations made by the Legislature of this State.
 2. "Residence" shall mean continuous physical presence and maintenance of a dwelling place within this State, provided that absence from the State for short periods of time shall not affect the establishment of a residence.
 3. "Domicile" shall mean a person's true, fixed, and permanent home and place of habitation; it 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 stationed in this State or at Fort Campbell pursuant to military orders shall be classified out-of-state, but shall not be required to pay out-of-state tuition. Such a person, while in continuous attendance toward the degree for which he or she is currently enrolled, shall not be required to pay out-of-state tuition if his or her parent thereafter is transferred on military orders.
 3. A person whose domicile is in a county of another state lying immediately adjacent to Montgomery County or whose place of residence is within thirty (30) miles of Austin Peay State University shall be classified out-of-state but shall not be required to pay out-of-state tuition at Austin Peay State University, 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

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