



**AUSTIN PEAY**  

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**STATE UNIVERSITY**

**Undergraduate Bulletin**  
**2002 - 2003**

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## Telephone and Web Directory\*

Area code is (931) unless otherwise designated:

Academic Affairs	221-7676	<a href="http://www.apsu.edu/academics/staff.htm">www.apsu.edu/academics/staff.htm</a>
Admissions	221-7661	<a href="http://www.apsu.edu/admissions/">www.apsu.edu/admissions/</a>
	or Toll Free at	
	1-800-844-APSU (2778)	
Affirmative Action	221-7178	<a href="http://www.apsu.edu/affirm">www.apsu.edu/affirm</a>
Alumni	221-7979	<a href="http://www.apsu.edu/alumni/">www.apsu.edu/alumni/</a>
Athletics	221-7903	<a href="http://www.apsu.edu/athletics/">www.apsu.edu/athletics/</a>
Bookstore	221-7655	<a href="http://www.apsu.edu/bookstore/">www.apsu.edu/bookstore/</a>
Business Office	221-7671	<a href="http://www.apsu.edu/businessoffice/acctrec/">www.apsu.edu/businessoffice/acctrec/</a>
Career Services	221-7896	<a href="http://www.apsu.edu/careers/">www.apsu.edu/careers/</a>
Child Learning Center	221-6232	<a href="http://www.apsu.edu/clc/">www.apsu.edu/clc/</a>
Counseling and Testing	221-6162	<a href="http://www.apsu.edu/counseling">www.apsu.edu/counseling</a>
Developmental Studies	221-7612	<a href="http://www.apsu.edu/dsp_page/">www.apsu.edu/dsp_page/</a>
Disability Services	221-6230 or 2216278	
	for Voice/TDD	<a href="http://www.apsu.edu/disability/">www.apsu.edu/disability/</a>
Extended and Distance Education	221-7816	<a href="http://www.apsu.edu/ext_ed/">www.apsu.edu/ext_ed/</a>
Finance and Administration	221-7883	
Financial Aid	221-7907	<a href="http://www.apsu.edu/financialaid/">www.apsu.edu/financialaid/</a>
Fort Campbell	221-1400 or	
	(270) 798-7415	<a href="http://www.apsu.edu/apfc/">www.apsu.edu/apfc/</a>
Graduate School	221-7414	<a href="http://www.apsu.edu/cogs/">www.apsu.edu/cogs/</a>
Health Services	221-7107	<a href="http://www.apsu.edu/healthservices/index.htm">www.apsu.edu/healthservices/index.htm</a>
Honors Program	221-7714	<a href="http://www.apsu.edu/enrichmentprograms/Honors.htm">www.apsu.edu/enrichmentprograms/Honors.htm</a>
International Education	221-7175	<a href="http://www.apsu.edu/enrichmentprograms/IntlEdCntr.htm">www.apsu.edu/enrichmentprograms/IntlEdCntr.htm</a>
Intramural Recreation	221-7564	<a href="http://www.apsu.edu/intramurals/">www.apsu.edu/intramurals/</a>
President's Emerging Leaders Program	221-7677	<a href="http://www.apsu.edu/enrichmentprograms/PEL.htm">www.apsu.edu/enrichmentprograms/PEL.htm</a>
Probation and Suspension	221-7121	<a href="http://www.apsu.edu/records/index/htm">www.apsu.edu/records/index/htm</a>
Public Relations	221-7459	<a href="http://www.apsu.edu/prandpubs">www.apsu.edu/prandpubs</a>
Public Safety	221-7786	<a href="http://www.apsu.edu/police/">www.apsu.edu/police/</a>
Readmission	221-7661	<a href="http://www.apsu.edu/admissions/">www.apsu.edu/admissions/</a>
Registration and Transcripts	221-7121	<a href="http://www.apsu.edu/records/index.htm">www.apsu.edu/records/index.htm</a>
	Fax 221-6264	

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Residence Halls and Family Housing . . . . .	221-7444 . . . . .	<a href="http://www.apsu.edu/housing">www.apsu.edu/housing</a>
Student Activities . . . . .	221-7431 . . . . .	<a href="http://www.apsu.edu/activities">www.apsu.edu/activities</a>
Student Affairs . . . . .	221-7341 . . . . .	<a href="http://www.apsu.edu/student_affairs/">www.apsu.edu/student_affairs/</a>
Student Development Center . . . . .	221-6242	
Student Support Services . . . . .	221-6142 . . . . .	<a href="http://www.apsu.edu/sss/">www.apsu.edu/sss/</a>
Veterans Affairs . . . . .	221-6170 . . . . .	<a href="http://www.apsu.edu/vaoffice/">www.apsu.edu/vaoffice/</a>
Voice Response . . . . .	221-7000 . . . . .	<a href="http://www.apsu.edu/records/register/APTalk.htm">www.apsu.edu/records/register/APTalk.htm</a>

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

**University Home Page: [www.apsu.edu](http://www.apsu.edu)**

APWEB: [apweb.apsu.edu](http://apweb.apsu.edu)

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# UNIVERSITY CALENDAR

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Advisement and Registration 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 NSR (New Student Registration) by reservation through Admissions. Accepted applicants will receive details about the orientation program.

## 2002 FALL SEMESTER, CAMPUS

June 6, 7 . . . . .	New Student Registration for new freshmen by reservation only
June 12, 13, 14 . . . . .	New Student Registration for new transfer and freshmen students by reservation only
July 24, 25 . . . . .	New Student Registration for new transfer and freshmen students by reservation only
July 31–Wednesday . . . . .	Last day to accept applications from new or readmitted students
Aug. 13–Tuesday . . . . .	Last day for preregistered students to pay fees
Aug. 18–Sunday . . . . .	Residence halls open
Aug. 19 - 23 . . . . .	Drop/Add through AP Talk and AP Web
Aug. 19 - 23 . . . . .	Late Registration
Monday-Friday	
Aug. 19–Monday . . . . .	Classes begin
Aug. 20–Tuesday . . . . .	Last day to claim residence hall assignment
Aug. 23–Friday . . . . .	Last day to add a course
Sept. 1–Sunday . . . . .	14th Day of classes; Last day to drop a course without record
Sept. 2–Monday . . . . .	Holiday–Labor Day
Sept. 30–Monday . . . . .	Last day to drop a course with an automatic grade of “W”
Oct. 8–Tuesday . . . . .	Mid-Term
Oct. 17, 18 . . . . .	Fall Break—no classes
Oct. 28- Nov 8 . . . . .	Advising and preregistration for Spring Semester for currently enrolled students
Nov. 6–Wednesday . . . . .	Last day to apply for May 2003 graduation
Nov. 8–Friday . . . . .	Last day to drop a course before the mandatory grade of “F” period
Nov. 11–Monday . . . . .	Veteran’s Day—no classes
Nov. 28 - 29 . . . . .	Holiday–Thanksgiving
Dec. 6–Friday . . . . .	Last day of classes
Dec. 9 - 13 . . . . .	Final Examinations
Dec. 13–Friday . . . . .	Commencement, 3:00 p.m., Dunn Center

Calendar dates are subject to revision. Refer to the applicable SCHEDULE OF CLASSES for the official calendar. The Austin Peay Center @ Fort Campbell calendar will be published in the Austin Peay Center @ Fort Campbell Class Schedule.

## 2003 SPRING SEMESTER, CAMPUS

Dec. 17—Tuesday	.....	Last day to accept applications from new or readmitted students (Applicants after December 17 will be required to register late)
Jan. 2—Thursday	.....	Last day to pay fees/arrange for deferment
Jan. 5—Sunday	.....	Residence halls open
Jan. 4 - 9	.....	Late Registration and Drop/Add through AP Talk
Jan. 6—Monday	.....	Classes begin
Jan. 6—Monday	.....	Last day to claim residence hall assignments
Jan. 9 -Thursday	.....	Last day to add a course
Jan. 19—Sunday	.....	14th day of classes; Last day to drop a course without record
Jan. 20—Monday	.....	Holiday—Martin Luther King, Jr. Birthday
Feb. 6—Thursday	.....	Last day to apply for August graduation
Feb.17—Monday	.....	President's Day Break—no classes
Feb. 17—Monday	.....	Last day to drop a course with an automatic grade of "W"
Mar. 5—Wednesday	.....	Mid-Term
Mar. 10 - 15	.....	Spring Break
Feb. - Apr.	.....	Senior Exit Exam for Bachelor degrees (dates to be announced)
Mar. 24 - Apr 4	.....	Advising and preregistration for 2002 Summer Term and Fall Semester
Mar. 27—Thursday	.....	Last Day to apply for December graduation
Apr. 3—Thursday	.....	Last day to drop a course before mandatory grade of "F" period
April 18—Friday	.....	Good Friday-holiday
April 29—Tuesday	.....	Last day of classes; Last day to pay fees for August graduation
April 30 - Wednesday	.....	Study Day
May 1 - 8	.....	Final Examinations
May 9—Friday	.....	Commencement, 2:00 p.m., Dunn Center

Calendar dates are subject to revision. Refer to the applicable SCHEDULE OF CLASSES for the official calendar. The Austin Peay Center @ Fort Campbell calendar will be published in the Austin Peay Center @ Fort Campbell Class Schedule.



## 2003 SUMMER SESSION I, CAMPUS

- May 21—Wednesday . . . . .Last day to accept applications from new or readmitted students  
(Applicants for Summer I after May 21 will be required to register late)
- May 29—Thursday . . . . .Last day to pay fees/arrange for deferment
- May 30—Friday . . . . .Residence halls open
- May 30—Friday . . . . .Registration
- June 2—Monday . . . . .Classes begin
- June 3—Tuesday . . . . .Late Registration and Drop/Add
- June 3—Tuesday . . . . .Last day to add a course
- June 8—Sunday . . . . .Last day to drop a course without record
- June 13—Friday . . . . .Last day to drop a course with an automatic grade of "W"
- June 20—Friday . . . . .Last day to drop a course before the mandatory grade "F" period
- July 3—Thursday . . . . .Last day of classes/Exams

## 2003 SUMMER SESSION II, CAMPUS

- June 30—Monday . . . . .Last day to accept applications from new or readmitted students  
(applicants for Summer II after June 30 will be required to register late)
- July 6—Sunday . . . . .Residence halls open
- July 7—Monday . . . . .Registration; Classes begin
- July 8—Tuesday . . . . .Late Registration and Drop/Add; Last Day to pay fees/arrange for deferment for  
Summer II; Last day to Add course
- July 13—Sunday . . . . .Last day to drop a course without record
- July 18—Friday . . . . .Last day to drop a course with an automatic grade of "W"
- July 25—Friday . . . . .Last day to drop a course before the mandatory grade of "F" period
- Aug. 8—Friday . . . . .Last Day of classes/Exams

Calendar dates are subject to revision. Refer to the applicable SCHEDULE OF CLASSES for the official calendar. The Austin Peay Center @ Fort Campbell calendar will be published in the Austin Peay Center @ Fort Campbell Class Schedule.

# 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.

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## MISSION STATEMENT

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

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

The educational experience is complemented and expanded through creative use of technology, interdis-

ciplinary 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.

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## 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 national-

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

## EDUCATIONAL GOALS

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

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

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

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

## HISTORY

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

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

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

In 1939, the State Board of Education authorized the school to inaugurate a curriculum leading to the Bachelor of Science degree. The degree was first conferred on the graduating class at the 1942 Spring Convocation. By Act of the Tennessee Legislature of February 4, 1943, the name of the school was changed to Austin Peay State College. In 1951, the State Board authorized the College to confer the Bachelor of Arts degree and, in 1952, to offer graduate study leading to the degree of Master of Arts in Education. At the November 1966 meeting, the State Board of Education conferred university status on the College, effective September 1, 1967. In February 1967, the State Board of Education authorized the University to confer the Master of Arts and the Master of Science degrees. In 1968, associate degrees were approved. The State Board of Education relinquished its governance of higher education institutions to the Tennessee State Board of Regents in 1972. In 1974, the Tennessee State Board of Regents authorized the Bachelor of Fine Arts and the Education Specialist Degrees. In 1979, the Bachelor of Business Administration degree was approved as a replacement for traditional B.A. and B.S. degrees in various fields of business. In 1979, the Bachelor of Science in Nursing degree was approved. In 1983, the Tennessee

State Board of Regents approved the Master of Music degree, and Master Arts in Education. In 2001, the Tennessee State Board of Regents authorized the Bachelor of Professional Studies.

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

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

## ACCREDITATION

The educational program of Austin Peay State University is fully accredited by the Commission on Colleges and Schools of the Southern Association of Colleges and Schools, the agency which establishes national accreditation by reciprocity at the regional level. In addition, the teacher preparation programs of the University are accredited by the National Council for the Accreditation of Teacher Education for the preparation of elementary and secondary teachers through the master's degree level. Preparation programs for elementary and secondary principals and supervisors, school counselors, and school psychologists are also accredited by the National Council for the Accreditation of Teacher Education at the master's degree level. The Bachelor of Science Degree in Nursing is approved by the Tennessee Department of Health – Board of Nursing and accredited by the National League for Nursing Accrediting Commission. Social Work is accredited by the Council on Social Work Education. The medical technology program is accredited by the National Accrediting Association for Laboratory Science. 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 College of Business has established as an objective additional accreditation by the American Assembly of Collegiate Schools of Business.

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

## CHAIRS OF EXCELLENCE

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

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

### Foundation Chair of Excellence in Free Enterprise

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

### Harper-Bourne Chair of Excellence

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

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

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

## **FELIX G. WOODWARD LIBRARY**

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 and houses the Media Center. The print collection numbers 329,000 including books, special collections, periodicals, and federal government documents. The collection also includes 6,800 audio-visuals and 615,000 microforms. The Library's online catalog, Felix G. Cat, provides access to all the books, periodicals, audio-visuals, and selected government publications in the Library. Access to full-text electronic journals and books is provided. Interlibrary loan services, which permit students and faculty to borrow materials from other libraries throughout the United States, are also available.

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

## **ART GALLERIES**

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

### **Trahern Gallery of Art**

The Trahern Gallery is located in the Margaret Fort Trahern Art and Drama Building. Each year the gallery hosts the Annual Student Art Exhibition, as well as exhibits featuring regional, national and international artists. Gallery hours: 9 a.m. - 4 p.m. Monday through Friday, 10 a.m. - 2 p.m. Saturday, and 1 - 4 p.m. Sunday (closed on holidays). There are no weekend hours during the semester.

### **Gallery 108**

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

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

### **Mabel Larson Art Gallery**

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

## **UNIVERSITY HOUSING**

The University believes that life in university housing provides students with an essential part of their educational experience. Living in a residence hall 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 1,100 students, with plans for 300 new beds beginning Fall 2003. Single students are housed in residence halls, generally two to a room, or Meacham Apartments, four to an apartment, under the supervision of a professional and student staff. Also available for campus housing are Two Rivers Apartments. These 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. Cable in-house movie/information channel and telephone service are provided. One- and two-bedroom apartments are available for married students, single parents with dependent children, or non-traditional students.

Application for University Housing should be made with the Office of Housing/Residence Life, located on first floor of Miller at the same time application for



admission to the University is made. The request for room reservation must be accompanied by a room reservation deposit of \$100.00. This deposit is refundable pending no contract violation, damages to room or apartment, or outstanding University balance.

Housing contracts are for the full academic year and renewed annually. Please refer to Housing License Agreement for refund policies and deadlines (also see pages 7-8).

## STUDENT SERVICES

### AP TALK

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

### AP WEB

Students may apply, register, pay fees, obtain grades, order student transcripts, and obtain information on admissions, financial aid and veterans services by accessing AP WEB at [www.apsu.edu](http://www.apsu.edu).

### CAREER RESOURCE CENTER

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

### CHILD LEARNING CENTER

The Child Learning Center (CLC), a department of the Division of Student Affairs, serves children ages 6 weeks to 2 years in the infant/toddler program and children ages 2 to 5 years in the preschool program Children of APSU students, staff, and faculty, alumni, and the community, who meet the age requirements are eligible to attend. The Child Learning Center is located in the Sexton Building on Eighth Street, an easily accessible part of the campus with an additional satellite class in the Emerald Hill Family Housing Complex. The trained and caring staff takes pride in

the facility and in the developmentally appropriate curriculum. Call (931) 221-6234, Monday through Friday, during regular business hours for more information.

### NEW STUDENT ORIENTATION

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

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

### SECURITY - CAMPUS POLICE

APSU Campus Police is open 24 hours a day, and is located in the Shasteen Building. Officers patrol the campus by automobile, bicycle, and on foot. A security shuttle service is provided during the evening hours for on-campus student transportation. Security officers are commissioned as peace officers to enforce laws on the campus and provide officer status on University property and streets contiguous to the campus. Crime prevention programs, including a program to engrave identification numbers on valuable items, assault awareness presentations, and videos providing information regarding methods to prevent crimes, are used on a regular basis. Security escorts are also provided as needed. For more information, contact Campus Police at (931) 221-7786.

### 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 bene-

fits, is available to full-time and part-time students and their family members at a reasonable cost. Students may avail themselves of this service by visiting the Student Health Services, Ellington Student Services Building.

## HEALTH SERVICES

The University maintains a health service with standards set by The Southern Association of Colleges and Schools. It operates an outpatient clinic on the campus, with either a Board Certified Family Practice Physician or a Board Certified Family Nurse Practitioner available Monday through Friday from 7:00 a.m. to 3:30 p.m. (closed 12:00 noon -1:00 p.m., Monday through Friday). At hours other than those above, students are referred to the local hospital emergency room.

Services are provided for APSU students, staff and faculty. Staff and faculty are assessed an assess fee each semester.

Minor illnesses may be treated in the clinic without expense except for medications and laboratory tests. Major illnesses are referred to the family doctor or to the staff of consultants and specialists at Clarksville Gateway Hospital, an institution approved by the American Hospital Association. Health services obtained off-campus are at the patient's expense.

No medical services will be given until a medical history is completed, signed, and filed. In addition to this initial record, the University reserves the right to require additional examinations and/or immunizations during any time the student is enrolled 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 their vehicles through the Office of Public Safety in the Shasteen Building. All vehicles must display 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 Learning Center in the Morgan University Center, Room 114, (931) 221-6242.

## UNIVERSITY CENTER

The new Morgan University Center opened in March 2002 in the center of campus. The Center houses the university's food/dining services, the offices of Student Life and Leadership, Student Services, Student Development, Career Resources, the Learning Center, the campus Post Office, and the Student Government Association.

Additional facilities in the Morgan University Center include a Game Room, Coffee Shop, Student Organization area, and various sized meeting rooms.



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## STUDENT LIFE

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

### GREEK ORGANIZATIONS

The Greek organizations are members of the National Panhellenic Conference, the National Pan-Hellenic Council, or the National InterFraternity Conference. Campus chapters are members of representative governing bodies that promote leadership development, excellence in scholarship, community service, and positive inter-Greek relationships.

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

### 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), basketball, baseball, golf, tennis, and cross

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

### INTRAMURAL RECREATION

The Office of Intramural Recreation sponsors activities for all students, faculty, and staff of the University. Presently, the following activities are being offered with plans to extend the program to accommodate student needs and interests: flag football, basketball, softball, racquetball, volleyball, frisbee, swimming, aerobics, tennis and soccer. In addition to these competitive activities, the Intramural Recreation Office supervises open recreational play in the gym, equipment check-out, exercise room, recreational swimming in the pool, wellness promotion programs, aerobic exercise classes, and a jogging-fitness trail. The Intramural Recreation Office has a schedule of available dates and times.

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

### MULTICULTURAL PROGRAMS AND SERVICES

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

### NATIONAL ALUMNI ASSOCIATION

The National Alumni Association of Austin Peay State University is an organization designed for the purpose of promoting the welfare of the University through

the development of a program of mutually beneficial relations between the alma mater and its alumni.

The association was founded in 1936 and became a national association in 1990. Its membership consists of graduates, current and 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 embraces a membership of popularly elected senators drawn from each college. The judicial branch, the Student Tribunal, consists of a selected chief justice and eight appointed associate justices who remain in office until they resign or discontinue their studies at the University. The Student Tribunal serves as the highest student court; it hears student appeals of parking violations. Some members serve on the University Hearing Board and hear cases involving violations of University regulations. This organization is advised by the Office of Student Affairs.

## **HONORS AND AWARDS**

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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,

## **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 Office. Austin Peay State University registers student organizations through the Student Life 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, edited by students with the assistance of the student publication advisor, is a publication for the expression of student opinion and a medium for dissemination of timely news of campus organizations and activities. 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.

### **Capsule Magazine**

Capsule Magazine is compiled and edited by students with the assistance of the student publication advisor. Published every semester, the magazine highlights student life, campus events, and university activities. This publication is under the supervision of the Student Publications Board. Information concerning the magazine 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.

leadership, and service to the University. Preference is given to a student with four years of residence in the University. The award was established in 1950 by Miss Myrtle Drane and Mrs. Maud Drane Buckner in memory of their father, William McClure Drane, prominent citizen of Clarksville and patron of education.

### **Halbert Harvill Civitan Citizenship Award**

The Halbert Harvill 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

### Art

An award is given annually by the art faculty to an outstanding graduating senior and an outstanding freshman student majoring in art. A student work of art from the annual Student Art Exhibition is selected by the faculty to receive the Center of Excellence for the Creative Arts Purchase Award. The art work is added to the APSU permanent art collection.

### Biology

Jennie M. Jordan Memorial Award: recognizes academic excellence in a Senior level student that is a member of Beta Beta Beta National Honor Society for Biology. Traditionally, this award has been presented to the graduating member of Tri-Beta with the highest GPA. The recipient will be announced by the Eta Pi Chapter of Tri-Beta during the Student Awards Day Ceremony in the spring semester. The award is honorary (name is engraved on a plaque), and no monetary award is made.

### College 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.

### Engineering Technology

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

### Foreign Languages

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

### Hamel Awards

Established in 1999 by the Hamel Family (Tom, Nancy, Daniel and Paul), this fund provides cash awards of \$25 or \$50 to students based on their level of performance on the departmental exit exams. A committee composed of mathematics and computer science faculty

will select award winners and determine the award amounts. For further information contact the Math and Computer Science Department at (931) 221-7833.

### Mathematics and Computer Science

Graduating seniors with the highest average in the major fields of mathematics and computer science and information systems given by the Clarksville Kiwanis Club.

### Military Science

The Military Science Awards are given annually to outstanding cadets in the ROTC program by various organizations at the national, state, local and university level.

### Nursing

The following awards are given to graduating seniors: Outstanding Student Nurse by Tennessee Nurses Association District 13, Distinguished Senior Award by the Nursing Alumni Association, and three awards by the faculty for Academic Excellence, Caring, RN-BSN Leadership.

### Physics

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

### 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.

## 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: requires academic achievement; encourages scholarship and interest in agriculture profession.

### **Gamma Beta Phi**

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

### **Laurel Wreath**

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

### **Omicron Delta Kappa**

Juniors, Seniors: recognizes scholarship and leadership

### **Phi Alpha**

Social work majors; requires excellent scholarship in social work.

### **Phi Alpha Theta**

History students: requires academic achievement; encourages study of history

### **Phi Kappa Phi**

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

### **Phi Mu Alpha**

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

### **Pi Nu**

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

### **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 Theta Tau**

Nursing majors: requires academic achievement; promotes leadership and research improvement

## **STUDENT RIGHT TO KNOW**

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### **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 institu-

tion whether or not such conduct is simultaneously violative of state, local, or national laws.

Generally, through appropriate due process procedures, institutional disciplinary measures shall be imposed for conduct which adversely affects the University's pursuit of its educational objectives, which violates or shows a disregard for the rights of other members of the academic community, or which endangers property or persons on University or University-controlled property. In addition, disciplinary action may be taken on the basis of any conduct, on or off campus which violates local, state or federal laws, which violates University policies for Student Organizations, or poses a substantial threat to persons or property within the University Community.

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

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

## **UNIVERSITY RIGHTS**

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

1. To establish regulations concerning the use and abuse of University property and to assess students with claims of damage for such abuse;
2. To withhold grades and transcripts of credit until all claims have been paid;
3. To dismiss, in the absence of specific regulations, any student, at any time, for cause deemed by the University to be in the best interest of the student's emotional or physical safety or the well-being of the University community;
4. To establish standards of dress, manners, and conduct on the campus within the range of convention and good taste;
5. To establish traffic regulations on campus, provide for registration of all vehicles using the campus, and enforce such regulations as are

established. Automobile Restrictions: All cars to be parked on campus must be registered with the Office of Public Safety;

6. To control and regulate the housing of students, both on-campus and off-campus;
7. To establish or institute honor systems and ethical practice codes;
8. To supervise the scheduling of meetings and activities of student organizations; and,
9. To enter, inspect, and search for contraband, stolen articles, and such in the room of any student in University-owned housing facilities, when probable cause is established.

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

## **CONFIDENTIALITY OF STUDENT RECORDS**

It is the policy of the Tennessee Board of Regents and Austin Peay State University to comply with the Family Educational Rights and Privacy Act ("Buckley Amendment") and, in so doing, to protect the confidentiality of personally identifiable educational records of students and former students. The student has the right of access, right to request amendment, and right to file a complaint concerning his/her education records as outlined in APSU policy. Appointments to review education records are scheduled through the Office of the Registrar at least 72 hours in advance. If the student is indebted to the University, a copy of the education records will not be made. Except as provided by the policy, the University may disclose directory information to any person requesting it without the consent of the student. Directory information includes the student's name, address, telephone number, e-mail address, date and place of birth, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, enrollment status, degrees and awards received, and the most previous educational agency or institution attended by the student. The University provides each student the opportunity to refuse to allow disclosure of designated directory information through the Offices of Student Affairs in the Browning Building and the APSU Center @ Fort Campbell. The student will be given this opportunity at the beginning of each academic term.

Annually, students are informed of their rights through the STUDENT HANDBOOK. A complete copy of the policy shall be made available upon request at the Office of Student Affairs (free of charge) and the University library (at a nominal per-sheet charge).

## **STUDENT RIGHT TO KNOW ACT**

Statistics for all crimes are publicized and distributed to employees and students on an annual basis, in the time frames required by Federal/State law, and are available to applicants for enrollment or employment upon request from the Office of Public Safety. The graduation rate is 30.4 percent. For information on the law and University policy and statistics, contact the Office of Institutional Planning and Analysis, telephone (931) 221-6184.

## **DRUG-FREE SCHOOLS AND COMMUNITIES AMENDMENTS ACT**

All currently enrolled students are required to read the University's Drug-Free Schools and Communities Amendments Act Statement. This statement outlines policy, legal sanctions (federal, state and university), health risks, and assistance programs related to the use of alcohol and/or other drugs on the Austin Peay State University campus. The statement is in the STUDENT HANDBOOK or may be obtained from the Student Development Center.

## **SMOKING AND CLEAN AIR**

APSU promotes an environment free from tobacco by-products in buildings and vehicles where students, faculty, and staff are working, conducting seminars, research, discussions, etc., and at the same time recognizes 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, sky diving, 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 may be obtained from the following sources:

Admission Requirements: . . . . . Admissions Office  
Course Offerings: . . . Department Offering Courses  
Degree Requirements: . . . . . Office of the Registrar  
Fees and Tuition: . . . . . Business Services Office

Austin Peay State University provides the opportunity for students to increase their knowledge by providing programs of instruction in various disciplines by faculty, who in the opinion of the University, are trained and qualified for teaching at the college level. However, the acquisition of knowledge by any student is contingent upon the student's desire to learn and his or her application of appropriate study techniques to any course or program. Thus, Austin Peay State University must necessarily limit representation of student preparedness in any field of study to that competency demonstrated at that specific point in time at which appropriate academic measurements were taken to certify course or program completion.

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



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# **Admissions, Academic Standards, Fees and 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. 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. Those submitting late applications will be required to register late. Inquiries about admission to undergraduate study, as well as requests for applications for admission, should be addressed to Austin Peay State University, Office of Admissions, P.O. Box 4548, Clarksville, TN 37044, this includes those students seeking admission to the Austin Peay Center @ Fort Campbell.
2. Applicants must provide evidence of high school graduation (an official transcript must be mailed directly from the high school); External Diploma Program (EDP), or a minimum GED average score of 45 (450 after January 2002), and subscores no lower than 40 (410 after January 2002). A special education diploma or high school certificate is not acceptable. Exceptions to this requirement are granted to those transfer applicants who have earned 60 or more semester hours of acceptable traditional credit prior to enrollment at APSU, graduated from high school prior to 1989, received a GED prior to 1989, or earned an associate of arts or science degree or baccalaureate degree.
3. Applicants must submit all academic credentials including complete records of all previous secondary schools or colleges attended, regardless of credit earned. These official transcripts must be mailed by the issuing institution directly to the Office of Admissions. Applicants desiring to register as Special Students, refer to page 30.
4. Transient students may be admitted to the University for one semester/term. These students must indicate their intent to be transient students on the application for admission, be currently enrolled at another college or university, and have their home college forward to the APSU Office of Admissions a letter of good standing or an official transcript.
5. All military personnel (active duty and veterans) must submit documents for military credit.\* The requirements for full admission must be completed prior to enrollment for the second semester/term.

### Branches

Army

Air Force

Army National Guard

Navy

US Marine Corps

US Military Reserves

Veterans (Retired or Discharged)

### Documents Needed

AARTS transcript or DD Form 295

Community College of the Air Force transcript or DD Form 295

AARTS transcript or NGB Form 22

DD Form 295 or SMART

ITSS MATMEP or SMART

Enlistment contract 4-1 or 4-2 or DD Form 2586

DD Form 214 Member Copy 4 with characterization of service

6. The State of Tennessee requires all first time and readmission 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 for full time students. A student will not be allowed to register for classes until this requirement is met. For additional information, contact Student Health Services at (931) 221-7107.
7. Applicants 21 years of age or older who do not plan to pursue a degree at APSU may be authorized to enroll as Special Students.
8. Applicants other than those specified in the following sections on admission must submit scores on the American College Test (ACT - APSU institution code = 3944) or Scholastic Aptitude Test (SAT - APSU institution code = 1028) as well as any other test which the University may wish to administer for purposes of educational advisement.

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



## ADMISSIONS POLICIES AND PROCEDURES

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

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

\*For specific information, please refer to page 26.

reviewed by the Committee on Admissions Standards. Students whose individual circumstances warrant favorable consideration may be admitted by the Committee on Admissions Standards. Students admitted by exception may be required to participate in an academic-strengthening program(s).

10. Applicants who are residents of states other than Tennessee are subject to the same admission requirements as in-state applicants.
11. Students 21 years of age or over who have earned a high school diploma, External Diploma Program (EDP) or submitted a minimum GED average score of 45 (450 after January 2002) and subscores no lower than 40 (410 after January 2002).
12. 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.
13. Applicants over 21 years of age who have 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)

<b><i>SUBJECT AREA</i></b>	<b><i>REQUIRED UNITS</i></b>
<b>English</b>	<b>4</b>
<b>Visual and/or Performing Arts<sup>1</sup></b>	<b>1</b>
<b>Mathematics</b>	<b>3</b>
(Must choose 2 units from either Algebra & 1 unit from Advanced Math Sequence or 3 units from Integrated Math Sequence)	
<b>Natural/Physical Science</b>	<b>2</b>
(Must choose one unit from Group A)	

<b><i>SUBJECT AREA</i></b>	<b><i>REQUIRED UNITS</i></b>
<b>Social Studies<sup>2</sup></b>	<b>1</b>
<b>United States History</b>	<b>1</b>
<b>Foreign Language</b>	<b>2</b>
(Must choose two units in same language)	

<sup>1</sup> Required for those who graduated in 1993 or after.

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

Students who have not met all subject area requirements may, in certain instances, be granted alternative admissions by the Committee on Admissions Standards. (Any high school unit requirement in which the student is deficient must be compensated by successful completion of a specified course (excluding 0xxx courses) at APSU with a grade of "C" or better). See Appendix B, page 328 for a list of courses to remove high school unit deficiencies. Compensating courses may not be used to fulfill Liberal Arts core, major, or minor requirements and will be applicable toward a degree as elective credit only. Students entering as Freshmen (Fall of 1989 or after) must complete deficiencies within their first 30 hours of enrollment. Transfer students with 59 or fewer semester hours of transferable credit must remove any high school unit deficiencies within their first 30 hours at APSU, or within 64 total hours, whichever comes first.

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

## OTHER TYPES OF ADMISSION

### EARLY ADMISSION OF FRESHMEN

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

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

1. Applicants must have completed at least three academic years of residence in high school with a 3.20 on a 4.0 scale or better GPA and submit a minimum ACT composite score of 22 or SAT score of 1020.
2. Applicants must be recommended by their principal for consideration for early admission to the University. This requires the consent of the parents and the judgement 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 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 dual enrollment consideration. Student must also have a parental endorsement. The high

school official must approve the high school credits received by this dual admissions.

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

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

## TRANSFER ADMISSION FROM COLLEGES AND UNIVERSITIES

Students desiring to transfer from colleges or universities may be admitted if they are not suspended and currently in good standing at the last institution attended, provided they meet the minimum requirements listed in this BULLETIN (page 42) under the "Academic Status and Retention" section.

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

Students desiring to transfer from colleges or universities, who have been placed on academic probation, may be admitted on academic probation if they are in good standing at the last institution attended, and provided they meet the minimum requirements shown under the "Academic Status and Retention" section.

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

Applicants must provide evidence of high school graduation (an official transcript mailed directly from

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

### **TRANSFERABILITY OF CREDIT FROM COLLEGES AND UNIVERSITIES**

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

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

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

1. All Transfer Hours Attempted, Hours Earned, Quality Points and Grade Point averages earned at other colleges and universities will be included in the APSU academic record.
2. Courses earned with grades of "A", "B", "C", "D", or "P", will be considered for applicability toward the APSU degree; only grades of "A", "B", or "C" will be accepted for remedial and developmental courses. Grades of "F" will be posted on the APSU academic record. Transfer grades are equated to the APSU grading system (see page 40).
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. Second Bachelor Degree students must fulfill the computer literacy requirement (see page 83).
6. There is not a maximum or minimum number of hours of credit that can be transferred from a community or junior college. Only lower division credits are transferable from a community or junior college. Courses will be evaluated on an individual basis as to their applicability toward degree requirements and must meet all University degree requirements.
7. APSU grants non-traditional credit for military service and service schools in accordance with the recommendations included in the "Guide to the Evaluation of Educational Experiences in the Armed Services," published by the American Council on Education.
8. APSU grants credit for courses completed only from institutions that are accredited by the appropriate regional accrediting association for colleges and universities.
9. Credit earned as a transient student that will be transferred to APSU must be approved on a Course work Approval Form before the student's registration.
10. Only new transfer students beginning Fall 1999 may be considered for transfer credit from a non-regionally accredited institution of higher learning when requested during their first term at Austin Peay. Readmit, SOCAD, and currently enrolled students may request consideration for only such credits earned during or after Fall 1999. Course equivalency credit may be awarded only after review and approval by the appropriate academic department chair or designee and dean. One application for Transfer Credit form is required for each course requested for acceptance. A course competency examination or other evidence may be required as a part of this process.

11. Transfer applicants who have a valid ACT English subscore of 28 to 30 (SAT Verbal 630 to 690) may receive credit for English 1010. Those with a valid ACT English subscore of 31 to 36 (SAT Verbal 700 to 800) may receive credit for English 1010 and 1020. Students will receive this credit only if they have not already received college credit for English 1010 and 1020.

## **ADMISSION OF INTERNATIONAL STUDENTS**

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

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

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

All foreign non-immigrant students applying for admissions pursuant to a student visa shall submit thirty (30) days from the first day of classes a certificate from a licensed physician or other qualified medical authority verifying freedom from tuberculosis. Failure to submit such certification shall result in denial of admission or continued enrollment. In the event that a student has tuberculosis or has potential tuberculosis requiring medical treatment, continued enrollment will be conditional upon the determination by a

licensed physician that further enrollment is not a risk to others and upon the student's compliance with any prescribed medical treatment program.

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

All foreign non-immigrant applicants with J, F, or M visas must have and maintain medical and hospitalization insurance as a condition of admission and continued enrollment at APSU. Applicants with J visas also must carry adequate medical and hospitalization insurance for spouses and dependents. Proof of medical and hospitalization insurance must be provided to the APSU Student Health Services.

Foreign non-immigrant students will automatically be enrolled in the TBR Student/Scholar Health & Accident Insurance Plan unless documentation of adequate coverage is provided. Automatic enrollment in the Plan shall not take place later than the time of class registration, and the cost of the coverage will be added to the student's registration fees.

For the purposes of this policy, adequate medical and hospitalization insurance coverage shall mean that the student's coverage meets or exceeds the level of coverage provided to participants in the TBR's Student/Scholar Health & Accident Insurance Plan.

All foreign non-immigrant students born after 1956 shall provide proof of two immunizations with the Measles, Mumps and Rubella (MMR) vaccines, which were administered on or after the year of birth to the APSU Student Health Services. A student will be prevented from registering for classes until this requirement is met.

All foreign non-immigrant students will receive information concerning the aforementioned requirements from the Office of Admissions. Student Health Services will provide the Office of Admissions with information concerning policy requirements, associated approximate costs which could be incurred, and what would be considered acceptable certification of freedom from tuberculosis, proof of adequate medical and hospitalization insurance, and proof of two immunizations with the Measles, Mumps, and Rubella (MMR) vaccines.

The State of Tennessee requires all first time and readmission students to provide proof of two immu-

nizations with the Measles, Mumps, and Rubella (MMR) vaccines, which were administered on or after the first year of birth. A student will not be allowed to register for classes until this requirement is met. For additional information, contact Student Health Services at (931) 221-7107.

## **NON-DEGREE ADMISSION**

Applicants who are eligible for non-degree admission include:

### **1. Persons Not Previously Enrolled in College**

Academically Talented/Gifted: High school students who meet the following criteria as specified in Chapter 395 of the Public Acts of 1983.

“Academically talented/gifted students enrolled in grades 9, 10, 11, or 12 in public or private high school in Tennessee may with the recommendation and approval of the high school principal and appropriate higher education institution personnel enroll in and receive regular college degree credit from a Tennessee post-secondary institution if such a student has a grade point average equivalent to 3.2 on a 4.0 maximum basis and if such placement is a part of the student’s planned Individual Education Program (IEP) as established by the multi-disciplinary team process.”

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

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

### **3. Person with a College Degree or Certificate**

Persons who have a degree or certificate equivalent to the highest degree or certificate offered by the institution in a particular field but who wish to take additional courses.

### **4. Senior Citizens and Disabled Persons**

Totally and permanently disabled persons and persons 65 years of age or older. No fee 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 compen-

sating the disabled person. Admission under this provision may, however, be limited or denied based on the availability of space in the individual classroom.

## **5. Adult Special Students**

Students who are not interested in earning a degree from the University may apply for admission as an Adult Special Student by so indicating on their application for admission. Applicants must be 21 year of age or older, and a high school graduate or have a minimum GED average score of 45 (450 after January 2002), and subscores no lower than 40 (410 after January 2002). An official high school transcript or GED score must be submitted to the Office of Admissions. A Special Education Diploma or High School Certificate is not acceptable. Transfer and readmit applicants must submit a transcript from the last college or university attended. Students who have been suspended from other colleges or universities are not eligible to enroll as Adult Special Students.

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

Adult Special Student who later decide to seek a degree from the University must submit all academic credentials and satisfy all admissions requirements. Applicants denied regular admission would also be denied admission to this category for the same semester.

## **ADMISSION OF TRANSIENT STUDENTS**

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

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



proof of successful completion of prerequisite course(s).

### **READMISSION TO AUSTIN PEAY STATE UNIVERSITY**

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

### **PROGRAMS WITH SPECIAL ADMISSION REQUIREMENTS**

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

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

### **Admission to the College of Business**

Students desiring to major in business must be approved for admission to upper division (3000-4999) business courses (see page 106).

### **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 142).

### **Admission to Nursing**

Students applying for nursing must meet admission requirements to the University and must be accepted by the School of Nursing's Admission Committee (see page 158).

### **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 (see page 192).

### **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 107).



## MANDATORY ASSESSMENT OF STUDENTS

**Students who meet the following criteria are required to complete the COMPASS assessment test prior to initial enrollment to ensure placement in courses appropriate for levels of preparation.**

### FIRST-TIME FRESHMAN:

**A. Students Under 21 Years of Age.** Students in this age category are screened for COMPASS assessment on the basis of ACT Composite and subscores or SAT Verbal and Math scores.

1. ACT Scores
  - a. Students must take the COMPASS reading test if their ACT Composite score is below 19.
  - b. Students must take the COMPASS mathematics test if their ACT mathematics subscores is below 19.
  - c. Students must take the COMPASS English writing test if their ACT English subscores is below 19.
2. SAT Scores
  - a. Students must take the COMPASS reading and writing tests if their verbal score is 450 or below.
  - b. Students must take the COMPASS mathematics test if their math score is 450 or below.
3. High School Deficiencies
  - a. Students who lack a high school credit in English must take the reading and writing tests.
  - b. Students who lack a high school credit in algebra must take the mathematics tests.

**B. Students 21 Years of Age or Older.** Students in this age category will be required to complete the entire COMPASS assessment. Students 21 years of age or older are not required to present ACT scores, or SAT scores, but those who elect to do so must pro-

vide ACT scores taken within three years prior to the first day of the enrollment period. Students with valid ACT scores or SAT scores will then be screened for COMPASS assessment according to the regulations applied to students under 21.

### TRANSFER STUDENTS:

1. Transfer students who have nine (9) or more transferable college of hours, and who have not earned college-level algebra-based mathematics or English composition credits must undergo COMPASS assessment in the appropriate area subtests.
2. Transfer students with fewer than 60 semester hours of acceptable traditional transferable credit deficient in required high school English or mathematics units (regardless of ACT scores) must complete the appropriate COMPASS subtests.

### 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 MINIMUM	
		HOURS	SCORE
Art: Studio Art-Drawing Portfolio	ART 1040	3	3
Art: Studio Art-General Portfolio	ART 1010	3	3
Biology	BIOL 1010 & 1011	4	3
Calculus AB	MATH 1910	5	3
Calculus BC	MATH 1910 & 1920	10	3
Chemistry	CHEM 1010 & 1011, or CHEM 1110 & 1111	4	3
Chemistry	CHEM 1010, 1011, or 1110, 1111, 1120, & 1121, or CHEM 1020,1021	8	4
Computer Science A	CSCI 1010	3	3
Computer Science AB	CSCI 1010 & 2010	6	3
Economics: Macroeconomics	ECON 2010	3	3
Economics: Microeconomics	ECON 2010 & 2020	6	4
English Language and Composition	ENGL 1010	3	3
English Literature and Composition	ENGL 1010 & 1020	6	3
European History	HIST 1220	3	3
French Language	FREN 1010, 1020	8	3
French Literature	FREN 1010, 1020	8	3
German Language	GERM 1010, 1020	8	3

**AP - ADVANCED PLACEMENT EXAMINATIONS, CONTINUED**

CEEB AP TEST	APSU COURSE(S)	CREDIT MINIMUM	
		HOURS	SCORE
History of Art	ART 1030	3	3
Latin	LATN 1010, 1020	8	3
	LATN 1010, 1020, 2010	11	4 or 5
Music Theory	MUS 1110	4	3
Music Theory	MUS 1110 & 1120	8	4
Music: Listening & Literature	MUS 1950	2	3
Music: Listening & Literature	MUS 1950 & 1960	4	4
Physics B*	PHYS 2010	4	3
	PHYS 2010 & 2020	8	4
Physics C*	PHYS 2110	4	3
	PHYS 2110 & 2120	8	4
Psychology	PSY 1020	3	3
Spanish Language	SPAN 1010, 1020	8	3
Spanish Literature	SPAN 1010, 1020	8	3
Statistics	MATH 1530	3	3
United States Government and Politics	PSCI 2010	3	3
United States History	HIST 2010	3	3
United States History	HIST 2010 & 2020	6	4

\*No laboratory credit awarded

**Certified Professional Secretary (CPS)** Upon completion of 12 semester hours at APSU, a student who has successfully passed the Certified Professional Secretary (CPS) examination, may apply the following credits only to the A.A.S. degree in Data Processing, Secretarial Procedures concentration. Have scores sent to the Office of the Registrar.

APSU COURSES	CREDIT HOURS
AOM 2210	3
AOM 2300	3
AOM 2350	3
ECON 2010	3
MT 2010	3
MT 2050	3
MT 2250	3
Total	21

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

In order to receive credit for the CLEP General Examinations:

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

<b>CLEP GENERAL EXAMINATION</b>	<b>MINIMUM SCORE</b>	<b>APSU CREDIT/COURSE</b>
English Composition	50	3 hours elective credit
Humanities	50	6 hours for ART 1030 & MUS 1030
Mathematics	50	3 hours elective credit
Natural Sciences**	50	8 hours elective credit
Social Sciences and History	50	6 hours elective credit

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

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

In order to receive credit for the CLEP Subject Examinations the students must not have received credit in a similar course for which the credit is to be awarded. Both the objective tests and the essay tests may be required for Subject Examinations. A waiting period of six months is required before a student is eligible to repeat any Subject Examination. Contact the Student Development Center for additional information on CLEP Examinations.

<b>CLEP SUBJECT EXAMINATIONS</b>	<b>APSU COURSES</b>	<b>CREDITS HOUR</b>	<b>MINIMUM SCORE</b>
American Government	PSCI 2010	3	47
American Literature	ENGL elective	3	50
Analyzing and Interpreting Literature	ENGL 1020	3	49
Calculus with Elementary Functions	MATH 1810 & 1820	6	50
College Algebra	MATH 1110	3	50
College Algebra - Trigonometry	MATH elective	3	50
College French (Levels I and II)	FREN 1010 & 1020	8	41
College German (Levels I and II)	GERM 1010 & 1020	8	41
College Spanish (Levels I and II)	SPAN 1010 & 1020	8	41
English Literature	ENGL elective	3	50
Freshman College Composition	ENGL 1010	3	48
General Biology	BIOL 1010, 1011	4	50
General Chemistry	CHEM 1110, 1111, 1120, 1121 or CHEM 1010, 1011, 1020, 1021	8	48
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 and Development	PSY 3110	3	50
Information Systems and Computer Applications	CSCI 1000	3	49
Intro to Educational Psychology	PSY 3130	3	50
Introductory Business Law	BLAW 3300	3	51
Introductory Psychology	PSY 1020	3	47
Introductory Sociology	SOC 2010	3	47
Principles of Accounting	ACCT 2010 & 2020	6	50
Principles of Macroeconomics	ECON 2010	3	48
Principles of Management	MGT 3010	3	47
Principles of Marketing	MKT 3010	3	50
Principles of Microeconomics	ECON 2020	3	47
Trigonometry	MATH 1720	3	52
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 Student Development Center.

**Departmental Proficiency Examinations**

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

**Law Enforcement and Corrections Training Credit**

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

**Metropolitan Police Department (Nashville)**

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

**Tennessee Basic Police School (Donelson)**

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

**Tennessee Department of Safety (Donelson)**

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

**Tennessee Department of Corrections (Tullahoma)**

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

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

**Military Service Experience**

Students are eligible to receive non-traditional credit for military experiences after successfully completing one course at APSU and attaining regular student status. Military experience is evaluated using the appropriate ACE Guide recommendation. Students who have completed Basic Training are awarded two hours of Physical Activity and three hours of HHP 1260 - Personal Health (see page 24).

**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 aca-

demical record. Contact the School of Nursing for additional information.

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

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

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

**CREDIT LOAD**

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

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

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

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

**ACADEMIC TIME STATUS CLASSIFICATION AND MAXIMUM LOAD**

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

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

**CLASSIFICATION OF STUDENTS**

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

## **ACADEMIC ADVISEMENT**

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

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

## **CLASS ATTENDANCE**

### **STATEMENT OF POLICY**

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

### **ABSENCE FROM ANNOUNCED TESTS AND EXAMINATIONS**

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

## **REGISTRATION**

Students are responsible for the schedule of courses for which they register unless they officially change it. To make an official change in schedules the students must use AP Talk, 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 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. These forms are available in the Student Development Center located in the Morgan University Center, Room 114. Failure to officially withdraw will result in receiving grades of "F", "FA", or "FN" in all courses.

## REPORTING GRADES FOR COURSES DROPPED

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

## INCLEMENT WEATHER

During severe inclement weather the University will remain open, classes will be held, and the faculty and staff will be expected to perform their normal duties. Unless a modified schedule, an official closing due to catastrophic conditions (such as loss of heat, power outage, etc.) is announced over radio or TV broadcasts, all employees are expected to report for work at the normal times. Should the University close due to catastrophic conditions, certain key personnel will still be expected to report to work.

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

## PREREQUISITES AND COREQUISITES

It is the student’s responsibility to check for satisfactory completion of prerequisites and necessary corequisites as listed in the BULLETIN. Students must have passed or be currently enrolled in the appropriate prerequisite(s) prior to registration. Corequisites are courses in which students must register concurrently. Sequential course numbers may be separated by a “-” and indicate the first course number is a prerequisite for the second course number.

## PROFICIENCY IN ENGLISH

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



## GRADING SYSTEM

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

Grade	Interpretation	Quality Points Per Semester Hour of Credit
A	Excellent	4
AU*	Audit	-
B	Good	3
C	Average	2
D	Below Average	1
F	Failure	0
FA	Failure, absence related (unofficial withdrawal) <i>Last recorded date of attendance requested</i>	0
FN	Failure, never attended class (unofficial withdrawal)	0
P*	Pass, on Pass-Fail Course	0
XF*	Failure, on Pass-Fail Course	-
I*	Incomplete	-
IP*	In Progress (limited to COMM 3400, CHEM 4940, and BIOL 4830 & 4840)	-
W*	Withdrew	-

\*Not calculated in GPA.

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

### GRADE REPORTING

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

### GRADE APPEAL

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

### PASS-FAIL GRADING

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

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



unless listed in the BULLETIN.

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

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

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

### Exceptions To The Pass-Fail Grading Regulations

1. Any required core physical education course may be taken under the Pass-Fail grading system.
2. In the College of Education, all Student Teaching courses and accompanying seminars will be taken under the Pass-Fail grading system. Student teaching seminar will be graded.
3. Political Science 454A and B, Legislative Internship, may be taken under the Pass-Fail grading system, subject to program supervisor's approval.
4. The following courses are offered only on a Pass-Fail grading system: AGRI 4610, 4620, AOM 2990, COMM 300A, 300B, 300C, COMM 470A, 470B, 470C, EDUC 4410, 4510, 4610, GB 3900, MATH 211L, 212L, SW 4400, 4410, 499A, THEA 388A, 388B, 388C, 388D.

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

## MID TERM GRADES

Mid Term grades are reported during the Fall and Spring semesters for all students. The Mid Term Grades are available via AP Talk, (931) 221-7000, approximately midway through the semester, and indicate the UNOFFICIAL grade and a statement of student academic deficiencies and classroom behavior.

## QUALITY POINTS AND GRADE POINT AVERAGE (GPA)

Students must obtain a degree of excellence higher than is indicated by a minimum passing grade. For determining the qualitative standing of a student, quality credits are used. To graduate, a student must make a "C" average on all credits attempted - that is, earn twice as many quality points as quality credits attempted.

In determining the academic standing and grade point average of a student, the following two factors are used:

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

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

Example:

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

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

## 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 the Fall and Spring Semester or Summer Term. Policies and procedures related to each of these conditions are outlined in the following comments.

Quality Hours Attempted	Minimum Grade Point Average
11 or less	no minimum
12-29	1.50
30-47	1.80
48-65	1.90
66 and above	2.00

Quality hours attempted include all courses and hours except for grades of “AU”, “I”, “IP”, and “W”. Students on academic probation are recommended to limit their credit load to 14 hours during the Fall and Spring semester, or six hours at Fort Campbell or all Summer sessions. Students placed on academic probation may be required to participate in an academic-strengthening program(s).

### ACADEMIC SUSPENSION

Full-time students on academic probation who, at the end of the semester or term of enrollment, fail to earn the grade-point average required for that semester (Column A below) or to raise their cumulative GPA to

### GOOD STANDING

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

### ACADEMIC PROBATION

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

the required minimum (Column B below) will be suspended for the next semester as well as for any term that might be in session before the next semester begins (e.g., Summer term).

Part-time students on probation will be subject to the same criteria, except that the rule will not be applied until the student has attempted 12 semester hours. The part-time student on probation who has not attained at least a cumulative grade-point average as shown in Column B below, or attained a semester grade-point average as shown in Column A below on the 12 or more semester hours attempted, will be suspended for the next semester as well as for any term that might be in session before the next semester begins (e.g., Summer Term).

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

Quality hours attempted include all courses and hours except for grades of “AU”, “I”, “IP”, and “W”. The student who is academically suspended for the second time, (Second Suspension) including suspensions from all colleges and universities attended, will be suspended for one calendar year. The student suspended for the third time or more (Indefinite Suspension) may be readmitted only by a petition for reinstatement approved by the Student Standing Committee.

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

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

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

**DEAN’S LIST**

**MAIN CAMPUS**

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

**AUSTIN PEAY CENTER @ FORT CAMPBELL**

**DEAN’S LIST**

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

Following are the GPA levels and honors:

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

**GRADUATING WITH HONORS**

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

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

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

**CARE POLICY**

Enrolled students who have been out of college a minimum of three years may apply, through their academic dean, for consideration of the CARE (Credentials Analysis and Re-Evaluation) Policy. A maximum of 18 semester credits or equivalent of “D” or “F”, along with the grades and credits of all other courses taken in no more than two consecutive terms at APSU or another institution prior to the separation may be removed from the GPA calculation. If the number of “D” and “F” credits exceeds 18 over the two consecutive terms, the policy will then be limited to all course work in a single term. The course and grades will remain on the transcript, noted appropriately, and be removed from the GPA calculation. Students who earned an associate or baccalaureate degree cannot apply for consideration of the CARE Policy regarding credits earned prior to earning the degree.

**FRESH START**

Beginning with the Fall of 1992, students who have been out of higher education a minimum of four years and return completing 15 semester hours credit with a GPA of at least 2.00 at APSU may renew their academic records without penalty of prior failure. Fresh Start calculates the GPA and credit hours toward graduation on course work commencing with the credits taken following the absence. Students granted Fresh Start will forfeit all college credits and grades earned before the separation period. The courses and grades will remain on the transcript, noted appropriately, and be removed

from the GPA calculation. Permission for Fresh Start will be granted only once. Eligible students are to complete the Fresh Start form with the Office of the Registrar during the first term of admission or readmission. A student may utilize the CARE Policy and Fresh Start provided the separation from higher education is not the same time period.

## **COURSE REPETITION**

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

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

The last grade received in a repeated course will be used in the computation of the GPA. However, in cases where the course is attempted three times, including transfer work, the third and all future grades for the course will be included in the computation of the GPA. Repeating a course already passed will result in the last grade received and credits earned from the last grade.

## **AUDITING A COURSE**

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

registering for audited courses is stated in the SCHEDULE OF CLASSES.

## **TRANSCRIPTS**

Upon written request by the student, and if the student has met all financial and admission obligations to the University, the Office of the Registrar will furnish an official transcript of the student’s records at APSU. There is no charge for transcripts, but there is a limit of two copies per request/day. Transcripts may also be requested via fax to (931) 221-6264. Transcripts transmitted via fax cost \$1 per page including the cover sheet, and an official copy is also sent through the mail if requested. “Issued to Student” transcripts may be requested by telephone through AP Talk, (931) 221-7000. Transcripts may also be requested through the web: [www.apsu.edu/records/transcripts.htm](http://www.apsu.edu/records/transcripts.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, page 329). “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 on the day before classes begin.

## FEES

It is the intent of the State of Tennessee that students classified in-state would pay approximately 30% and the state pay approximately 70% of the cost of higher education. With that goal in mind, the Tennessee Board of Regents has established the following fees for the 2001-2002 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*	\$	1,278
Per credit hour for less than 12 credits	\$	112
Per credit hour for Tennessee residents at least 65 years of age and/or permanently totally disabled (maximum of \$75)	\$	56
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	\$	64

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

For 12 or more credits*	\$	3,236
Per credit hour for less than 12 credits	\$	280

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

For 12 or more credits	\$	204
For 1 credit hour \$25.50; for each added hour \$18 to maximum of \$204		

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

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

##### Regents On-Line Degree Program

Registration and Maintenance Fees per credit hour (no maximum)	\$	112
On-line course fee per credit hour (no maximum)	\$	28

#### Other required fees for Main Campus Only

##### Debt Service Fee

Full-time students and 11 credit hours	\$	109
Part-time students—per credit hour	\$	10

New Student Orientation Fee (all new students) .....\$ 30

Post Office Box Rental (per semester-if living on-campus, nonrefundable) .....\$ 9

Student Government Fee (per registration) .....\$ 4

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

### BOARD AND ROOM

Board in Cafeteria per semester, estimated	\$	500-745
Family Housing (per month)	\$	315-335
Residence Hall Room (double occupancy per semester)	\$	1,060
Student Apartment (per semester)	\$	1,090-1,110

### RETURNABLE DEPOSITS

##### Housing

Residence Halls	\$	100
Apartments	\$	100

**SPECIAL FEES (some required)#**

Application Fee (Include with Application—nonrefundable) . . . . .	\$	15
Audit Fees . . . . .	cross listed with regular fees	
(No charge to Tennessee residents at least 60 years of age and/or permanently, totally disabled)		
Graduation (includes Commencement regalia)		
Associate Degree . . . . .	\$	25
Baccalaureate Degree . . . . .	\$	30
Master and Specialist Degree . . . . .	\$	35
Additional fees (after original Application for Graduation):		
Application after the published deadline . . . . .	\$	5
Cancellation fee (student must reapply for Graduation) . . . . .	\$	10
Change of Date (Semester/Term) . . . . .	\$	10
Change of Name . . . . .	\$	10
Duplicate Diploma . . . . .	\$	10
Identification Card . . . . .	no charge	
(Required of all students enrolled for Main Campus classes)		
Identification Card Replacement . . . . .	\$	10
Late Registration (Nonrefundable) . . . . .	\$	50
Motor Vehicle Registration (included in General Access Fee)		
Music Lessons-Individual:One half-hour lesson per week . . . . .	\$	55
One hour lesson per week . . . . .	\$	110
Returned Check Service Charge . . . . .	\$	20
Proficiency Examination (per credit hour) . . . . .	\$	15
Textbooks (estimate per semester) . . . . .	\$	300
Transcripts, official (limited number) . . . . .	no charge	
(Transcripts issued only upon written request by the student).		
Fax Transcripts (per page, including cover sheet) . . . . .	\$	1

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

**FEE DISCOUNTS****CHILDREN OF VIETNAM CONFLICT VETERANS**

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

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

A dependent child whose parent was killed or died as a direct result of injuries received, or has been officially

reported as being either a prisoner of war or missing in action while serving honorably as a member of the United States armed forces during a qualifying period of armed conflict, or the spouse of such veteran, may be eligible for a waiver of tuition and required registration or matriculation fees, and may be admitted without cost to any of the institutions of higher education owned, operated and maintained by the state of Tennessee, if certain age limits, time periods for eligibility, and residency requirements are met. Contact the Veterans Affairs Office in Atlanta, Georgia at 1-800-827-1000 for more information and verification procedures.

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

Children or dependents of full-time certified public school teachers or state employees in Tennessee, under

the age of 24 (age on first day of class) are eligible for a 25 percent discount on undergraduate in-state maintenance fees and technology access fees. The approved form (available from Admissions) must be submitted to the Business Office prior to the first day of classes each term.

### **DEPENDENT OR SPOUSE OF TBR/UT EMPLOYEES**

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

### **EMPLOYEES OF AUSTIN PEAY STATE UNIVERSITY**

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

### **EMPLOYEES OF STATE OF TENNESSEE**

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

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

A student domiciled in Tennessee who is 60 years of age or older, or one who is permanently and totally disabled, who wishes to audit a course and be exempt from paying fees as provided by Tennessee law may do so by filing in the Office of the Registrar a birth certificate or an acceptable physician's certificate of permanent, total

disability (these documents will be duplicated and originals will be returned to the student). A student domiciled in Tennessee who will become 65 years of age or older during the semester/term, or one who is permanently, and totally disabled, may register in courses for credit on a space available basis for a maximum \$75. Appropriate documentation is required. Please refer to information included in the SCHEDULE OF CLASSES for registration timetables and procedures.

## **PAYMENTS AND REFUNDS**

1. The University operates on the semester plan, and students are expected to pay all expenses when registering at the beginning of each semester/term. Under certain circumstances, an installment plan for Fall and Spring semesters is available through the Business Office. Students expecting to pay a portion of their expenses by working for the University should pay all fees, make all returnable deposits, pay board charges for one semester, and pay at least one month's rent. The University accepts cash, checks, VISA, and MasterCard.
2. Out-of-state, full-time undergraduate students pay \$3,236 per semester for tuition in addition to the \$1,278 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 offset against the refund.
- vii. A 100 percent refund will be provided for students who enroll under a preregistration 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 crosslisted 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 crosslisted 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 crosslisted 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.

### **C. 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.

### **D. 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, U.S. Department of Education Form, after January 1 of the appropriate year. No check or money order is required.
2. Students should file an application for admission to the University at the same time they complete the Free Application for Federal Student Aid. A student should not wait to be accepted for admission to apply for financial aid. For further information contact: Director of Student Financial Aid, Box 4546, Austin Peay State University, Clarksville, Tennessee 37044, telephone (931) 221-7907.

### POLICY ON CLASS ATTENDANCE AND UNOFFICIAL WITHDRAWALS

Students receiving Federal Title IV Financial Aid must attend class on a regular basis. If students cease to attend class, they should officially withdraw from the University. The form to drop a class is available in the Office of the Registrar. The form to officially withdraw from the University is available in the Student Development Office. If students unofficially withdraw and receive "FA" or "FN" grades in their courses, a determination must be made regarding possible repayment of funds.

## SCHOLARSHIPS

### UNIVERSITY SCHOLARSHIP APPLICATION PROCEDURES

Candidates for scholarships designated "\*" should observe the following sequence:

1. Applications for admission should be filed with the Office of Admissions by February 15;
2. Applications may be obtained from high school guidance counselors or the Office of Admissions.

Completed applications will be sent to the Office of Admissions, P.O. Box 4548, Austin Peay State University, Clarksville, TN 37044, telephone (931) 221-7661 or toll free at 1-800-APSU (2778).

### ACCOUNTING

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

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

### AGRICULTURE

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

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

**Rehabilitation Corporation of Tennessee Scholarships.** The Tennessee Rehabilitation Corporation awards four scholarships of \$650 each, available to students majoring in agriculture. The applicant must be a native of Tennessee, be in need of financial help to enter or remain in college, be from a rural area with an agricultural background, and be deserving of the scholarship on the basis of academic

promise. Application should be made to the Department of Agriculture, APSU Box 4607, telephone (931) 221-7272.

**Tennessee Council for Cooperatives Agriculture Scholarship.** The Tennessee Council of Cooperatives provides one \$500 scholarship to an APSU agriculture student. The recipient must be a citizen of Tennessee, have a minimum 2.5 cumulative GPA, junior standing (if possible), and the student or parent must be a member of some agricultural cooperative. For further information contact the Department of Agriculture, APSU Box 4607, telephone (931) 221-7272.

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

## ART

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

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

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

**Friends of the Arts Scholarship.** The Friends of the Arts provide three scholarships per year to students majoring in each of the three applied areas of the

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

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

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

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

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

**Claudell Wootton Art Education Scholarship.** This scholarship is provided in honor of Claudell Wootton to a student planning a career in art education. Need and teaching potential must be

demonstrated. A written essay must be submitted. Selection will be made by the art department in consultation with Mrs. Wootton. For further information contact the Art Department, (931)221-7333, P.O. Box 4677.

## **ATHLETICS**

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

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

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

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

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

**Matt Hallett Scholarship Fund.** Established

in 2000, this endowed scholarship provides an annual award to a student assistant or manager for the men's basketball team. This scholarship is open to any academic major and is specifically for an undergraduate student that meets the academic and moral standards of the University and a love for basketball. The recipient should have personal and management skills to enthusiastically support the coaching staff and team. The scholarship may be renewed. The coaching staff, in consultation with the family of the late Matt Hallett, will make the selection. For further information, contact the Men's Basketball Office, (931)221-7615, P.O. Box 4515.

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

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

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

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

**The Perkins Freeman and Governors Club Academic Achievement Award.** Inspired by the academic achievements of student athlete Julie Virta, Mr. Perkins Freeman and the Governors Club established this award in 1999. The award is presented annually to a junior athlete with one year of eligibili-

ty remaining and the student selected will receive a \$1,000 award. The award will be given in the name of the graduating senior athlete with the highest GPA. For further information please call the Athletic Office at (931) 221-7903.

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

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

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

## **BAND**

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

## **BIOLOGY**

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

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

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

**John Joseph Flood Memorial Scholarship.** This scholarship will be awarded in the amount of \$1,000 per year to biology and chemistry majors who have financial need. Eligible students who are nominated by faculty will be notified early in the spring semester and asked to submit application for the award. Final selection will be made by a Biology Department Committee. This award has no stated GPA or student classification criterion. Awards will be announced at the Student Awards Day Ceremony in the spring semester.

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

**John A. Hageman Memorial Award.** This award of \$1,000 is presented to a juniors majoring in



biology programs with the highest GPA. Selection of the recipient is based on criteria developed by the Department of Biology and the donor. This award for academic excellence is administered by the APSU Alumni Association. During the APSU Awards Day Ceremony, this recipient will be announced by the Eta Pi chapter of Beta Beta Beta National Honor Society for Biology. For further information, Contact the Biology Department, (931) 221-7781, P.O. Box 4718.

**Evelyn Ross Hinson Memorial Scholarship.**

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

**Jennie M. Jordan Memorial Award.**

Recognizes academic excellence in a Senior level student that is a member of Beta Beta Beta National Honor Society for Biology. Traditionally, this award has been presented to the graduating member of Tri-Beta with the highest GPA. The recipient will be announced by the Eta Pi Chapter of Tri-Beta during the Student Awards Day Ceremony in the spring semester. The award is honorary (name is engraved on a plaque), and no monetary award is made. For further information, Contact the Biology Department, (931) 221-7781, P.O. Box 4718.

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

**Dr. Haskell C. Phillips and Estelle Judd Phillips Scholarship:** This scholarship of \$1,000 is available to students majoring in biology programs with a minimum 3.0 cumulative GPA and demonstrated financial need. Candidates should be of at least Junior standing at time of disbursement. Special consideration is given to students seeking teacher licensure. Eligible students who are nominated by faculty will be notified early in the spring semester and asked to submit application for the award. Final selection will be made by a Biology Department Committee. Awards will be announced at the Student Awards

Ceremony in the spring semester. This award is administered by the APSU Alumni Association with funds provided by the Phillips family and friends in recognition of Dr. and Ms. Phillips' professional contribution to education. For further information, Contact the Biology Department, (931) 221-7781, P.O. Box 4718.

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

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

## **BUSINESS**

**Clarksville Business and Professional Women's Club Scholarship.**

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

**Credit Bureau of Clarksville Scholarship.**

This scholarship provides a one time annual award to a graduating senior from a Clarksville-Montgomery County high school who plans to attend Austin Peay and major in a business related field (accounting, management, marketing, business administration, general business, etc.) Financial need will be heavily considered. For further information contact the University Advancement Office, (931)221-7127, P.O. Box 4417.

**Catharine Elizabeth Edmondson Memorial Scholarship.**

Established by Ms. Lucy E. Dunwoody in memory of her sister, this \$3,000 annual scholarship is available to students who exhibit the qualities and traits of Ms. Edmondson. The scholarship will be given to an entering freshman business major and is renewable for up to four years. A student must maintain a minimum 2.5 cumulative GPA to retain the scholarship. No work hours are required, but recipient students must write a paper on a contemporary subject in



the area of their discipline. The Dean of the College of Business will be their advisor. For further information contact the Office of the Dean of the College of Business at (931) 221-7674.

**First Federal Business Administration Scholarship.** Scholarships are provided by First Federal Savings Bank to residents of Tennessee, Kentucky counties of Christian and Todd, or individuals living within 30 miles of the campus. Selection is based upon scholastic achievement, leadership potential and extracurricular involvement in both the school and the community. Financial need may be considered but is not the basis for selection. Recipient must be pursuing full-time studies for a degree (undergraduate or graduate) in Business or professional programs, must maintain a minimum 3.0 cumulative GPA and be involved in university-related activities a minimum of four hours per week. For further information contact The College of Business, APSU Box 4416, (931) 221-7674.

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

## CHEMISTRY

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

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

Chemistry, APSU Box 4547, telephone (931) 221-7626.

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

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

## COMMUNICATION

**Tammy Jo Milliken Memorial Scholarship in Communication and Theatre.** This scholarship was established in 1988 in memory of Tammy Joe Milliken. Her parents, Ruth and Ervin Milliken, APSU alumna, established an endowment to create this scholarship, which is to be awarded each calendar year to a graduate of Northwest High School in Montgomery County. The recipient of this scholarship must be in the upper 25 percent of the high school graduating class, have a minimum ACT Composite score of 20 and minimum cumulative GPA of 3.0 (on a 4.0 scale), be an entering freshman at Austin Peay, and should be planning to major in Communication and Theatre. This scholarship can be renewed for subsequent academic years, provided a minimum 3.0 cumulative GPA is maintained each year. The monetary value of the scholarship will vary after the freshman year. The student must complete a minimum of 12 hours each semester. Selection is made by the Chair of the Communication and Theatre Department based on recommendations by department faculty members and the Northwest High school principal and faculty. This scholarship award is \$1,500 for the first year and can apply to tuition, fees, books, housing, meals or any other college-related expenses. Application forms are

available in the guidance office at Northwest High School or the Communication and Theatre Department at APSU. For further information contact the Department of Communication and Theatre, APSU Box 4446, telephone (931) 221-7378. (Also listed under Theatre)

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

## COMPUTER SCIENCE/COMPUTER INFORMATION SYSTEMS

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

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

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

(931) 221-7833. (Also listed under Mathematics)

**The Donald Wallar Computer Science Scholarship.** Established in June of 2000 by Mr. Donald Wallar, a computer science graduate of Austin Peay. Two scholarships are available; one in the amount of \$1,000 for a junior computer science major and one in the amount of \$1,500 for a senior computer science major. Selection will be made by computer science faculty based on criteria established by the donor. For further information and to apply for either of these scholarships, please contact the Department of Mathematics and Computer Science at (931) 221-7833, P.O. Box 4626.

## CREATIVE WRITING

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

## EDUCATION

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

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

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

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

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

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

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

## **ENGINEERING TECHNOLOGY**

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

## **ENGLISH**

**The Judge William O. Beach Endowed Scholarship Fund.** This scholarship will be awarded to a rising junior majoring in English. The recipient will be chosen on the basis of academic ability. An ACT Composite score of at least 24 is required. Financial

need may also be considered. Award is for one year; recipient must reapply each year and maintain an annual minimum 3.0 GPA. Recipient will be chosen by the Scholarship Committee with recommendation from the chair of the Department of Languages and Literature. For further information contact Scholarship Committee Chair, Department of Languages and Literature, APSU Box 4487, telephone (931) 221-7891.

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

## **HEALTH AND HUMAN PERFORMANCE**

**Frank and Gladys E. Buhler Scholarship in Health and Human Performance.** This scholarship was established in 1988 by the Buhler family and is awarded annually to a junior majoring in health and human performance. Student must have a minimum 2.75 cumulative GPA to be considered for the award, and it may be renewed if the GPA is maintained. Student must demonstrate leadership skills and high potential for a career in the health and human performance field. Selection is made by the Chair of the Department of Health and Human Performance based on recommendations from department faculty. For further information contact the Department of Health and Human Performance, APSU Box 4445, telephone (931) 221-6111.

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

## **HISTORY & PHILOSOPHY**

**The Preston Hubbard Scholarship.** This scholarship will be awarded annually in the amount of \$500 to a rising freshman (24-36 semester hours) with

a declared history major. Recipient will have at least 6 SH in history from among HIST 1210, HIST 1220, HIST 2010, HIST 2020. A 4.0 GPA in history and an overall GPA of 3.5 are required. This scholarship will be presented at the annual awards day ceremony. For further information, please contact the Department of History, APSU Box 4486, Clarksville, TN 37044, (931) 221-7919.

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

## HONORS PROGRAM

**Honors Program Scholarships.** Supplemental scholarships for freshmen enrolling each year in the Honors Program will be granted; \$500 may be added to other scholarships, up to the University limit. Honors Scholars will be chosen on the basis of high school records, with attention given to both academic and non-academic accomplishments and recommendations. The applicant must have achieved a minimum ACT of 28 (1240 on SAT) and a 3.0 GPA. The recipient must be enrolled in the Honors Program and maintain satisfactory standards in that program. The stipend will be subject to renewal each year the student remains in the Honors Program with acceptable performance, in the judgment of the Honors Council. For further information contact Coordinator of the Honors Program, APSU Box 4447, telephone (931) 221-7714.

## JOURNALISM

**The Williamson-Kanervo Scholarship.** This scholarship was established by Drs. Ellen and David Kanervo in 1988 in honor of their parents, Margery and Kibler Williamson and Mary and Arvo Kanervo. This is an endowed scholarship that will be awarded annually to a rising junior. The recipient must be a student in the area of political science or journalism. The Departments of Political Science and Journalism and the Office of Admissions will make recommendations to the General Scholarship Committee. The best qualified student from these two academic areas will be selected. The scholarship award will be \$500. When the corpus has grown to a sufficient size that an additional \$500

scholarship may be provided without reducing the corpus, a second scholarship will begin, one in journalism and one in political science. The recipient must be enrolled full-time with a minimum 3.0 cumulative GPA required for each semester. The recipient will be required to work two hours per week in the department of the student's major. For further information contact the Department of Communication and Theatre, APSU Box 4446, telephone (931) 221-7378. (Also listed under Political Science)

## MATHEMATICS

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

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

**The Donald Wallar Computer Science Scholarship.** Established in June of 2000 by Mr. Donald Wallar, a computer science graduate of Austin Peay. Two scholarships are available; one in the amount of \$1,000 for a junior computer science major and one in the amount of \$1,500 for a senior computer science major. Selection will be made by computer science faculty based on criteria established by the donor. For further information and to apply for either of these scholarships, please contact the Department of Mathematics and Computer Science at (931)221-7833, P.O. Box 4626.

## MILITARY SCIENCE

**Brigadier General G.H. Weems Army ROTC Scholarships.** Two \$200 scholarships are awarded annually in memory of BG Weems, a native of the Montgomery and Dickson County areas. Recipients must be advanced course or MS II cadets with a mini-

imum cumulative GPA of 2.0 and minimum ROTC GPA of 3.0. For further information contact the Military Science Department, APSU Box 4535, telephone (931) 221-6155.

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

**US Army ROTC Program.** The US Army ROTC Scholarship Program provides financial assistance to outstanding high school graduates and selected college students. Four-year scholarships are offered on a competitive basis to high school seniors who will be eligible as University freshman by the time they are awarded. Two-year or three-year scholarships are available to qualified APSU students. The Army ROTC scholarship pays for tuition, textbooks, laboratory fees and other purely educational expenses. It also provides the recipient a \$200 per month, tax-free subsistence allowance for the duration of the award (maximum ten months per year). For further information contact the Military Science Department, APSU Box 4535, telephone (931) 221-6155.

## MUSIC

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

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

**Friends of the Arts Scholarship.** The Friends

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

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

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

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

**Monday Evening Music Club Piano Scholarship.** This scholarship provides a \$1,000 annual award to a music major in piano, who makes the most significant contribution to the department and demonstrates notable improvement in musical development and performance. The award is presented at a student recital each semester. Selection is made by Music Department faculty. For further information contact the APSU Music Department, telephone (931) 221-7818.

**Performance Scholarships.** Performance scholarships which include work requirements, are granted to students interested in Art, Music, Communication and Theatre, Creative Writing, and



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

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

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

**The Tarpley Scholarships.** Madison Street United Methodist Church of Clarksville, Tennessee, is proud to offer The Tarpley Scholarships to musically talented, full-time students who are in good standing with the university. These scholarships are in memory of Durward Tarpley, organist at MSUMC from 1954-1979. These are four scholarships available in the amount of \$600 each per semester. For applications and further information, please contact Luke Churchill, Director of Music Ministries, MSUMC, P.O. Box 864, Clarksville, TN 37041-0864, phone (931) 647-0221.

## NURSING

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

**Melynda Collins Carrigan Memorial Nursing Scholarship.** This scholarship was established in 1987 by Dr. Vernon M. Carrigan in memory of his wife, Melynda, and provides \$500 annually to a nursing student in the junior or senior year. Selection is based upon financial need and scholastic ability.

Selection is made by the General Scholarship Committee based on recommendations from the Nursing Department. For further information contact the School of Nursing, APSU Box 4658, telephone (931) 221-7710.

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

**Cheatham County Health Care Scholarship.** This scholarship was established in 1968 by Cheatham County Health Care Associates and provides \$500 per academic year (divided equally over two semesters) to a graduate of Cheatham County Central High School planning to enter APSU as a full-time student majoring in a health-care related field. This scholarship may be renewed provided the student maintains a minimum 3.0 cumulative GPA as of the second semester, and is enrolled full-time in a health-care related field. If there are no applicants from Cheatham County Central High School, this scholarship will be offered to a graduate of Harpeth High School. Awards are made by May 1. Graduating seniors should apply through the high school guidance office by March 31. Selection will be made by the Cheatham Health Care Associate Scholarship Committee and will be announced at the annual awards banquet.

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

**Clarksville Memorial Hospital Nursing Scholarships.** Clarksville Memorial Hospital provides eight nursing scholarships per year, four to junior nursing students and four to senior nursing students. The scholarship award will cover tuition and fees, and renewal is possible for those awarded at the junior level. There are certain requirements placed on this scholarship, and an agreement must be signed by the recipient

before the monetary award can be made. For further information contact the School of Nursing, APSU Box 4658, telephone (931) 221-7710.

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

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

## **PHYSICAL EDUCATION** **(See Health and Human Performance)**

### **PHYSICS**

**Del Square Psi Physics Alumni Scholarship.** This scholarship is awarded annually on the basis of scholastic excellence and financial need to a student of demonstrated ability in the field of physics. Conditions of the scholarship are the responsibility of the Department of Physics. For further information contact the Department of Physics, APSU Box 4608, telephone (931) 221-6116.

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

### **POLITICAL SCIENCE**

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

**Truman Hester Memorial Scholarship.** The Montgomery County Republican Women's Club sponsors this scholarship awarded to a sophomore, junior, or senior political science major with a minimum 3.0

cumulative GPA. Past recipients may reapply for the scholarship. For further information contact Dr. David Kanervo at (931) 221-7515.

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

**The Williamson-Kanervo Scholarship.** This scholarship was established by Drs. Ellen and David Kanervo in 1988 in honor of their parents, Margery and Kibler Williamson and Mary and Arvo Kanervo. This is an endowed scholarship that will be awarded annually to a rising junior. The recipient must be a student in the area of political science or journalism. The Departments of Political Science and Journalism and the Office of Admissions will make recommendations to the General Scholarship Committee. The best qualified student from these two academic areas will be selected. The scholarship award will be \$500. When the corpus has grown to a sufficient size that an additional \$500 scholarship may be provided without reducing the corpus, a second scholarship will begin, one in journalism and one in political science. The recipient must be enrolled full-time with a minimum 3.0 GPA required for each semester. The recipient will be required to work two hours per week in the department of the student's major. (Also listed under Journalism) For further information contact the Department of Political Science, APSU Box 4748, telephone (931) 221-7515.

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

**The President's Emerging Leaders Scholarships\*.** A limited number of scholarships in the amount of \$1,500 per academic year will be awarded to entering freshmen who have demonstrated potential to benefit from leadership training. Entering freshman must have a minimum GPA of 3.0 or above, and show evidence of participation in high school and community activities, as well as evidence of leadership qualities as denoted by participation in activities. Three letters of reference will be required of all applicants; one should be from an academic person and one from a person representing a community resource. Interviews



are required. Application forms may be obtained from the Director of the President's Emerging Leaders Program, APSU Box 4718, telephone (931) 221-7677, or from the Office of Admission and submitted by February 15. For additional information contact the Office of Admissions, APSU Box 4548, telephone (931) 221-7661 or toll free at 1-800-844-APSU (2778)

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

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

## PSYCHOLOGY

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

## ROTC

(See Military Science)

## SOCIAL WORK

**Joseph Richardson Social Work Scholarship.** These scholarships are awarded each

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

## SOCIOLOGY

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

## THEATRE

**Ann Edwards Brown Memorial Scholarship.** This scholarship was established in 1989 by the family and friends of the late Ann Edwards Brown. Applicants for the scholarship may be entering freshmen who intend to major in theatre or currently enrolled students who are majors in theatre. Selection will be based on the student's financial need in conjunction with a serious commitment to theatre. Application may be made by letter to the Department of Communication and Theatre. For further information contact the Department of Communication and Theatre, APSU Box 4446, telephone (931) 221-7378.

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

**Mary Carole Griffin Memorial Scholarship.** This scholarship was established in 1974 in memory of Mary Carole Griffin, theatre student and beloved daughter of Mr. and Mrs. John Griffin. Applicants for this scholarship may be entering freshmen who intend to major in theatre or currently enrolled students who are majors in theatre. For further information contact

the Department of Communication and Theatre, APSU Box 4446, telephone (931) 221-7378.

**Tammy Jo Milliken Memorial Scholarship in Communication and Theatre.** This scholarship was established in 1988 in memory of Tammy Joe Milliken. Her parents, Ruth and Ervin Milliken, APSU alumna, established an endowment to create this scholarship, which is to be awarded each calendar year to a graduate of Northwest High School in Montgomery County. The recipient of this scholarship must be in the upper 25 percent of the high school graduating class, have a minimum ACT Composite score of 20 and an overall minimum GPA of 3.0 (on a 4.0 scale), be an entering freshman at Austin Peay, and should be planning to major in Communication and Theatre. This scholarship can be renewed for subsequent academic years, provided a minimum 3.0 cumulative GPA is maintained each year. The monetary value of the scholarship will vary after the freshman year. The student must complete a minimum of 12 hours each semester. Selection is made by the Chair of the Communication and Theatre Department based on recommendations by department faculty members and the Northwest High school principal and faculty. This scholarship award is \$1,500 for the first year and can apply to tuition, fees, books, housing, meals or any other college-related expenses. Application forms are available in the guidance office at Northwest High School or the Communication and Theatre Department at APSU. For further information contact the Department of Communication and Theatre, APSU Box 4446, telephone (931) 221-7378.

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

**Performance Scholarships.** Performance scholarships, which include work requirements, are granted to students interested in Art, Music, Communication and Theatre, Creative Writing, and Student Publication. Communication and Theatre majors should contact the Chair, Department of Communication and Theatre. APSU Box 4446, tele-

phone (931) 221-7378. Students also may contact the Center for Creative Arts for information about scholarships in art, creative writing, music, and theatre, APSU Box 4666, telephone (931) 221-7876. (Also listed under Art, Communication, Creative Writing, Music, , and Open)

## OPEN SCHOLARSHIPS (Not related to Major)

**Academic Honors Scholarships\*.** These scholarships are available to high school seniors who rank in the top 10 percent of their graduating classes, have minimum ACT Composite scores of 24 (SAT 1090), and minimum cumulative GPAs of 3.0 (on a 4.0 scale). These students must be entering college for the first time in the fall after graduating the previous spring. Awards vary in amounts. A minimum GPA of 3.0 per semester and a minimum 3.2 cumulative GPA at the conclusion of the academic year are required for students to renew their scholarships. Students must complete a minimum of 12 hours each semester and a minimum of 28 hours per academic year. A student who forfeits his/her scholarship for any of the above reasons may be eligible for consideration after the lapse of a least one full semester or summer term and the attainment of the minimum GPA required for the scholarship. This reinstatement allowance can be exercised only one time by the scholarship recipients and is conditional on funds being available. Since state funds are used for these scholarships, recipients are required to work six hours per week per semester. Students are given work assignments related to their major academic interest. Scholarship application forms may be obtained from high school guidance counselors and sent to the Office of Admissions along with application for admission by February 15. For further information contact the Office of Admissions, APSU Box 4548, telephone (931) 221-7661, or toll free at 1-800-844-APSU (2778).

**Academic Scholarships\*.** APSU provides a limited number of Academic Scholarships in various amounts and are renewable for up to four years. Recipients must be in the upper 25 percent of their graduating classes, have minimum ACT Composite scores of 20 (SAT 940), minimum GPAs of 3.0 (on a 4.0 scale), good recommendations, and demonstrate leadership ability through participation in extracurricular activities. Recipients will be required to work three hours per week per semester. A minimum GPA of 2.5 per semester and a minimum 2.8 cumulative GPA are required for students to renew their scholarships on July 1 of each year. Students must complete a minimum of

12 hours each semester and a minimum of 28 hours per academic year. A student who forfeits his/her scholarship for any of the above reasons may be eligible for consideration after the lapse of a least one full semester or summer term and the attainment of the minimum GPA required for the scholarship. This reinstatement allowance can be exercised only one time by the scholarship recipients and is conditional on funds being available. Scholarship application forms are available from high school guidance counselors and should be sent to the Office of Admissions along with application for admission by February 15. For further information contact the Office of Admissions, APSU Box 4546, telephone (931) 221-7661, or toll free at 1-800-844-APSU (2778).

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

**APSU National Alumni Association Scholarships.** These scholarships are awarded annually to incoming freshmen as available. The scholarship award provides \$1,000 annually and may be renewed provided the recipients maintain acceptable standards as set by the APSUNAA. Students must be enrolled in a minimum of 12 hours per semester. For further information contact the Director of Alumni and Annual Giving, APSU Box 4676, telephone (931) 221-7979.

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

**Beta Sigma Phi (Xi Beta Alpha Chapter) Scholarship.** This scholarship, established in 1991 by the Xi Beta Alpha Chapter of Beta Sigma Phi, provides \$250 per semester to a female, non-traditional, undergraduate student. Recipient must show academic promise and be enrolled either part-time or full-time. Financial need may be considered. Scholarship can be renewed for up to four years provided continued academic promise is shown. For further information con-

tact the Student Financial Aid Office, telephone (931) 221-7907.

**Beta Sigma Phi (Preceptor Xi Chapter) Scholarship.** This scholarship provides a \$700 annual scholarship to a female, non-traditional student, junior or senior status. Financial need is heavily considered and recipient must make academic progress and be committed to obtaining a degree in her chosen field. Recipient may reapply for scholarship. For further information, contact the University Advancement Office (931) 221-7127, P.O. Box 4417.

**Lafayette Briggs Memorial Scholarship.** Established by the family of Lafayette Briggs, this endowed scholarship provides a \$2,500 annual award to a graduate of Stewart County High School and is renewable based on academic progress. For further information contact the Office of Admissions, telephone (931) 221-7661 or toll free at 1-800-844-APSU (2778).

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

**Ralph Cogburn Academic Honor Scholarship.** This four-year scholarship, established by the Hilldale Kiwanis Club, is awarded to a graduating senior of one of the Montgomery County high schools. Monetary value of the scholarship will vary. Academic achievement, participation in school related activities, and community service are given consideration in selection of the recipient. The recipient must maintain a minimum 2.5 GPA during the freshman and sophomore years, a minimum 3.0 GPA during the junior and senior years, work in the Alumni Office, and participate in activities of the Hilldale Kiwanis Club. For further information contact the Director of Alumni and Annual Giving, APSU Box 4676, telephone (931) 221-7979.

**Community College Academic Honors Scholarships\*.** These scholarships are available to, and may be renewed for up to three consecutive semesters, community college transfer students from Tennessee or Hopkinsville Community College who have received an associate degree or who have completed two years at the community college and have achieved a minimum 3.5 cumulative GPA. The scholarship application, and the application for admission

must be submitted for early decision consideration by April 15. Recipients may receive up to \$2,400 per year. Renewal criteria for this scholarship are listed under Academic Honors Scholarships. A student who forfeits his/her scholarship for any of the above reasons may be eligible for consideration after the lapse of at least one full semester or summer term and the attainment of the minimum GPA required for the scholarship. This reinstatement allowance can be exercised only one time by the scholarship recipients and is conditional on funds being available. For further information contact the Office of Admissions, APSU Box 4548, telephone (931) 221-7661, or toll free at 1-800-844-APSU (2778).

**Maria Daniel and Tammy Yarbrough Memorial Scholarship.** This scholarship was established by the parents of Maria Daniel, Mr. And Mrs. Noah Daniel. Maria and Tammy were Austin Peay students from Dickson County who were killed in an automobile accident in 1990. The annual \$1,000 award is made to a graduating senior from Dickson County High School. The guidance department at Dickson County High School will make the selection and notify the University Advancement Office at Austin Peay (931) 221-7127 the name of the recipient to process the scholarship award. This scholarship is not renewable but is for a period of one year, \$500 per semester.

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

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

7661, or toll free at 1-800-844-APSU.

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

**Honors Program Scholarships.** Supplemental scholarships for freshmen enrolling each year in the Honors Program will be granted; \$500 may be added to other scholarships, up to the University limit. Honors Scholars will be chosen on the basis of high school records, with attention given to both academic and non-academic accomplishments and recommendations. The applicant must have achieved a minimum ACT of 28 (1240 on SAT) and a 3.0 GPA. The recipient must be enrolled in the Honors Program and maintain satisfactory standards in that program. The stipend will be subject to renewal each year the student remains in the Honors Program with acceptable performance, in the judgment of the Honors Council. For further information contact Coordinator of the Honors Program, APSU Box 4447, telephone (931) 221-7714.

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

**International Experience Scholarship.** A limited number are provided in various amounts to APSU students who would like the opportunity to study abroad. These scholarships will encourage students to experience multicultural opportunities and share their experience with others in the University community. Applicants should be full-time Sophomore, Junior, or first semester Senior or graduate (not last semester) students who have completed at least one semester at APSU and must have a minimum cumulative GPA of 2.0 for undergraduate students or 3.0 GPA for graduate students. For further information contact APSU Box 4548, telephone (931) 221-7661.

**Junior Auxiliary of Clarksville Scholarship.** These scholarships, one full and two partial, were established by the Junior Auxiliary of Clarksville to

reward deserving Montgomery County students who have earned a GPA of at least 3.0 volunteered extensively in the community, and demonstrated strong character and financial need. Scholarships are renewable. For further information, please contact Kay Drew, home phone (931) 647-6311.

**The Kimbrough Memorial Scholarships\*.**

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

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

**Martin Luther King, Jr. Scholarship\*.** This scholarship for African American students is in the amount of \$2,000 per year and is available in accordance with funding provided by the State Legislature. Students must have minimum Composite ACT Scores of 19 (SAT 900) and a minimum high school cumulative GPA of 3.0 (on a 4.0 scale). Community college students must receive an associate degree or have completed two years at the community college level and

have a minimum cumulative GPA of 3.0. Recipients must maintain a minimum semester and cumulative GPA of 2.75 for scholarship renewal. Applications for scholarships and admissions should be submitted to the Office of Admissions by February 15 for high school seniors and April 15 for community college transfer students. For further information contact the Office of Admissions, APSU Box 4548, telephone (931) 221-7661, or toll free at 1-800-844-APSU(2778).

**Kroger Scholarships.** The Kroger Scholarships were established in 2000 for incoming freshmen to Austin Peay State University. Recipients must be a graduate of a Clarksville/Montgomery County or Fort Campbell, Kentucky high school. For further information, contact the University Advancement Office, (931) 221- 7127, P.O. Box 4417.

**James Eric Lannom Memorial Scholarship.**

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

**Debra Lentz Memorial Scholarship.**

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

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



Gildrie, APSU Box 4486, telephone (931) 221-7932.

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

**James H. and Mildred Smith McCorkle Memorial Scholarship.** Established in 2000, this scholarship provides a \$500 one time award in either the fall or spring semester. Recipient must be making satisfactory academic progress and be a graduate of a high school in Wilson County, Tennessee, with preference given to graduates of Mt. Juliet High School, Mt. Juliet Christian Academy and Wilson Central High School. For further information, contact the Admissions Office, (931) 221-7661, P.O. Box 4548.

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

**Multicultural Scholarship\*.** This scholarship is available to high school seniors and community college students of races other than African-American and Caucasian. Recipients may receive up to \$2,000 per year. Each high school recipient must have a minimum ACT Composite score of 19 (SAT - 900) and have a minimum cumulative GPA of 3.0 (on a 4.0 scale). Community college students must receive an associate degree or have completed two years at the community college level and have a minimum cumulative GPA of 3.0. Recipients must maintain a minimum semester and cumulative GPA of 2.75 for scholarship renewal. Applications for scholarships and admissions should be submitted to the Office of Admissions by February 15 for high school seniors and April 15 for community college transfer students. For further information contact the Office of Admissions, APSU Box 4548, telephone (931) 221-7661, or toll free at 1-800-844-APSU(2778).

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

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

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

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

**President's Community College Transfer Scholarships\*.** These scholarships are awarded to transfer students from Community Colleges in Tennessee and Hopkinsville and may be renewed for up to three consecutive semesters. Students may major in any field of study, must have received an associate degree or have completed two years at the community college level, and have achieved a minimum cumulative GPA of 3.0. Eligible students must provide a com-

pleted scholarship application and an application for admission. For renewal, the student must maintain a minimum cumulative GPA of 3.0 by the end of the second semester at APSU, be enrolled full-time, and make continued satisfactory progress toward completion of a degree. A student who forfeits his/her scholarship for any of the above reasons may be eligible for consideration after the lapse of a least one full semester or summer term and the attainment of the minimum GPA required for the scholarship. This reinstatement allowance can be exercised only one time by the scholarship recipients and is conditional on funds being available. The scholarship deadline is April 15. For further information contact the Office of Admissions, APSU Box 4548, telephone (931) 221-7661, or toll free at 1-800-844-APSU (2778).

**Presidential Scholarships\*.** APSU provides a limited number of Presidential Scholarships in various amounts. Recipients must be in the upper 25 percent of their graduating classes, have minimum ACT Composite scores of 21 (SAT - 980), overall high school minimum GPAs of 3.0 (on a 4.0 scale), good recommendations, extensive involvement in extracurricular activities, and demonstrate leadership ability. Financial need may be considered but is not the basis for selection. Recipient will be required to work six hours per week per semester. A minimum GPA of 2.5 per semester and a 3.0 cumulative GPA are required for students to renew their scholarships on July 1 of each year. Students must complete a minimum of 12 hours each semester and a minimum of 28 hours per academic year. A student who forfeits his/her scholarship for any of the above reasons may be eligible for consideration after the lapse of a least one full semester or summer term and the attainment of the minimum GPA required for the scholarship. This reinstatement allowance can be exercised only one time by the scholarship recipients and is conditional on funds being available. Application forms may be obtained from high school guidance counselors and should be sent to the Office of Admissions along with application for admission by February 15. For further information contact the Office of Admissions, APSU Box 4548, telephone (931) 221-7661, or toll free at 1-800-844-APSU (2778).

**Retired Officers Association Scholarship.** A \$500 leadership scholarship has been established for a qualified APSU student who is interested in a military career. The recipient must be a Military Science (MS) cadet from Kentucky or Tennessee who has successfully completed two consecutive semesters of military science. A minimum cumulative GPA of 2.5 is required,

with a minimum ROTC GPA of 3.0. For further information contact the Military Science Department, APSU Box 4535, telephone (931) 221-6155.

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

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

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



**Brigadier General Herbert M. Wassom Memorial Scholarship.** This scholarship was established in 1988 in memory of BG Herbert Wassom, former assistant division commander for the 101st Airborne Division. First-time students at Austin Peay Center @ Fort Campbell, military personnel or family members are eligible for the scholarship. For more information contact the Austin Peay Center @ Fort Campbell Box 4455, telephone (931) 221-1400.

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

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

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

**The Alex P. Wootton, Jr. Memorial Scholarship.** This scholarship was established in 1990 by Mr. and Mrs. Mark S. Raby in recognition of Mrs. Raby's father's dedication to the community and significant involvement in public service. This is an endowed scholarship to be awarded to a student in financial need who participates in volunteer service with a special interest toward enhancing the safety and welfare of citizens (such as emergency medical services, rescue squad, volunteer fire department, etc.). The scholarship will be awarded in the amount of \$250 annually and may be renewed provided the student maintains a minimum 3.0 cumulative GPA. The recipient must have a minimum ACT Composite score of 22. The scholarship is not restricted to any specific area of study. For more infor-

mation contact Dr. Mary Mayo, Medical Technology, APSU Box 4718, telephone (931) 221-7781.

\* Refer to University Scholarship Application Procedures on page 50.

## **CORPORATE SPONSORED SCHOLARSHIPS**

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

**Burchett Construction Co. Scholarship.** This academic scholarship of up to \$2,000 annually is awarded to a child of a Burchett Construction Company current employee or retired employee with ten or more years service. The student may retain the scholarship for up to five years. For further information contact the Student Financial Aid Office, APSU Box 4598, telephone (931) 221-7907.

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

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

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

## GRANTS

### FEDERAL PELL GRANT

This grant is awarded to students who have demonstrated financial need. Pell Grant is prorated based on the number of academic hours the student is enrolled on the first day of class: 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. 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. These forms are available in high school guidance offices and the Student Financial Aid Office, and at [www.fafsa.gov](http://www.fafsa.gov).

### FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT (FSEOG)

This grant is awarded to students on the basis of need. The award is determined by the Student Financial Aid Office up to a maximum of \$4,000 per year. Students apply for this grant when they complete the Free Application for Federal Student Aid. Eligibility is based on financial need and the availability of funds.

### TENNESSEE STUDENT ASSISTANCE AWARD (TSAA)

This grant is awarded to students with financial need and ranges up to 50 percent of the cost of registration fees. The TSAA grant is available to residents of Tennessee only and is 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.

## 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. This program is administered by the Student Financial Aid Office.

### FEDERAL PERKINS STUDENT LOAN

This program provides long-term, low-interest loans to students who need financial assistance. Awards for undergraduates generally range up to \$4,000 annually, not to exceed \$20,000 for all undergraduate work.

General provisions of the Federal Perkins Student Loan includes the following: repayment begins ten months after the student leaves the University and continues monthly thereafter until the entire loan is repaid; interest begins accruing at a rate of five percent nine months after the borrower ceases to be enrolled on at least a half-time basis and minimum payments are \$40 per month, including interest on the unpaid balance. Loan repayments may be deferred for periods during which a borrower: (1) is at least a half-time student; (2) is pursuing a course of study in an approved graduate fellowship program or approved rehabilitation training program for disabled individual excluding a medical internship or residency program; (3) is unable to find full-time employment, but not in excess of three years; (4) may be suffering an economic hardship, but not in excess of three years; or, (5) is engaged in service described under the cancellation provisions.

### FEDERAL SUBSIDIZED STAFFORD STUDENT LOAN

These loans (formerly called the Guaranteed Student Loan) are made by local banks and are guaranteed by the Federal Government. No payments are due on the loan while the student is enrolled on at least a half-time basis, and the government will pay the interest while the student is enrolled. The maximum loan for undergraduate students is \$2,625 for freshmen, \$3,500 for sophomore status, and \$5,500 for junior and senior status annually to a total of \$23,000.

This total amount is subject to the student's actual financial need and federal regulations.

The agency responsible for this program in Tennessee is the Tennessee Student Assistance Corporation (TSAC). Applications are available in hometown banks or other lending institutions or the Student Financial Aid Office. The student must complete the Free Application for Federal Student Aid. In addition, the student must complete a separate application for the loan and submit it to the Student Financial Aid Office for certification. The application is then submitted to the lending institution (bank) by the student for processing. Students who are unable to obtain a loan from their hometown banks should contact the Student Financial Aid Office for additional information on possible lenders. Loan repayments may be deferred for periods during which a borrower: (1) is at least a half-time student; (2) is pursuing a course of study in an approved graduate fellowship program or approved rehabilitation training program for disabled individual excluding a medical internship or residency program; (3) is unable to find full-time employment, but not in excess of three years; (4) may be suffering an economic hardship, but not in excess of three years; or, (5) is engaged in service described under the cancellation provisions.

**FEDERAL UNSUBSIDIZED STAFFORD LOAN**

These loans have the same application procedures, interest rates and repayment process as the Federal Subsidized Stafford Student Loan. The student may pay the interest while enrolled or choose to let the interest accrue and capitalize. Repayment of principal begins after the student ceases to be enrolled at least half-time. Loan amounts are restricted by the cost of education, resources available, state, and federal regulations.

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

This loan may be made by the parent(s) of dependent students. APSU requires that a Free Federal Application for Student Aid be completed. A separate PLUS loan application is also required. Repayment begins immediately upon funds being disbursed. Interest rates are variable. Parents may borrow up to the cost of education minus any resources available to the student.

**DISBURSEMENT OF FUNDS**

It is the policy of the University to disburse one-half of an academic-year award (excluding Federal WorkStudy)

within three days of the beginning of the semester/term. The exception to this policy is for students who are enrolled at Fort Campbell and who will have their awards disbursed in fourths to coincide with the four sessions of the academic year at the center. Summer assistance is managed in a different manner. For additional information on availability and disbursement of summer funds, contact the Student Financial Aid Office.

If an offer of financial assistance includes employment under the provisions of the Federal Work-Study Program (FWP), 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 as a result of work performed and hours necessary to perform such work. FWP recipients must report to the Student Financial Aid Office upon arrival to campus for job assignment and clearance. This must be done each academic year.

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

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

**1. Guidelines**

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

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

Cumulative GPA of 1.80 for 30-47.99 hours attempted

Cumulative GPA of 1.90 for 48-65.99 hours attempted

Cumulative GPA of 2.00 for over 65.99 hours attempted

and

Has attempted less than 36 hours if classified as Freshman

Has attempted less than 90 hours if classified as Sophomore

Has attempted less than 145 hours if classified as Junior

Has attempted less than 193 hours if classified as Senior

For receipt of financial aid, the maximum time frame for completion of a bachelor's degree will

normally be six academic years. The maximum time will be increased in proportion for students who enroll part-time. Graduate students must maintain a minimum 3.0 cumulative GPA. Any student receiving a 0.00 GPA for any academic term automatically loses financial aid for the next academic term.

\*Hours attempted include grades of “W” and “WD”.

## 2. Reinstatement

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

## 3. Appeals

Appeals should be made to the Student Financial Aid Office. Decisions made by the Satisfactory Progress Appeal Committee may be appealed to the Director of Student Financial Aid. The following circumstances may be considered appropriate reasons for appeal:

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

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

Students that receive Federal Title IV Financial Aid assistance and withdraw from school during a payment period or period of enrollment in which they began attendance must return any unearned funds to the Student Financial Aid Programs (SFA). The school must calculate the amount of SFA Program assistance the student did not earn and those funds must be returned. Up through the 60% point in each payment period or period of enrollment, a pro rate schedule is used to determine how much SFA Program funds that student has earned at the time of withdrawal. The amount of refundable (or balance outstanding) of institutional charges will be set by the University policy. If there is a student account balance resulting from these adjustments, the student is responsible for payment.

## 1. Distribution Among the Title IV Programs

The University will allocate the Title IV portion of the refund to the various Title IV program(s) from which the student received aid. The allocation will take place in the following order:

- a. FFEL programs (the Part B loans)
- b. Federal Direct Loans
- c. Federal Perkins
- d. Federal Pell
- e. Federal SEOG

## 2. Distribution of Repayments of Cash Disbursements Made Directly to the Student

- a. If a student officially or unofficially withdraws from or is dismissed by the University on or after the first day of classes of a semester, and the student received a cash disbursement for non-instructional costs under any Title IV program (except Federal Work-Study Program) for that semester, the University will determine whether a portion of that cash disbursement will have to be repaid by the student.
- b. In determining whether a student will have to repay a cash disbursement, the University will subtract from the cash disbursement received by the student the educational costs incurred by him/her for non-instructional charges for that term up to the date of withdrawal or expulsion.
  - i. If the expected repayment will total less than \$50, no repayment will be required.
- c. The University will apply these policies in a consistent manner to all students receiving Title IV aid.
  - i. The University will not allocate any part of the refund to a Title IV program if the student did not receive aid under the program.
  - ii. The amount allocated to a program may not exceed the amount the student received from that program.

## **PART-TIME EMPLOYMENT**

### **GENERAL CAMPUS WORK**

Each year, a number of students are employed on campus in administrative and departmental offices, the library, laboratories, and intramural recreation. The number of hours students are permitted to work depends on the need of the various departments and may be limited by any federal financial assistance the student is receiving. Applicants must be at least half-

time students. Applications are secured from the Student Financial Aid Office, P.O. Box 4546, Austin Peay State University, Clarksville, Tennessee 37044. Positions are advertised in the classified section of the campus newspaper, THE ALL STATE. Direct questions to the Student Financial Aid Office.

### **FEDERAL WORK-STUDY PROGRAM (FWP)**

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 and availability of funds. 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.

### **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 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.

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

1. Montgomery GI Bill - Chapter 30
2. Vocational Rehabilitation - Chapter 31
3. Post-Vietnam Era Veterans' Educational Assistance Program - Chapter 32
4. Survivors' and Dependents' Educational Assistance Program - Chapter 35
5. Selected Reserve Educational Assistance Program - Chapter 1606
6. Restored Entitlement Program for Survivors (REPS)
7. Section 901 (Educational Assistance Test Program)
8. Section 903 (Educational Assistance Pilot Program, noncontributory VEAP)

**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 APSU's grading system. If you receive a "nonpunitive" grade of "W" or "I", reduce, or terminate your enrollment, DVA will be notified. Upon receipt of the notice, DVA will reduce or terminate your benefits. The payment of DVA 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.

**4. If an Education Overpayment is Created:**

DVA is required to take prompt and aggressive action to recover the overpayment. The following actions may be taken if an overpayment is not promptly liquidated:

a. Adding interest and collection fees to your debt.

- b. Withholding future benefits to apply to your debt.
- c. Referring your debt to a private collection agency.
- d. Offsetting the debt from your federal income tax refund.
- e. Offsetting the debt from your salary if you are a federal employee.
- f. Filing a lawsuit in federal court to collect the debt.
- g. Withholding approval of a DVA home loan guarantee pending payment of the debt.

**ADMISSION TO THE UNIVERSITY IS REQUIRED FOR RECEIVING DVA BENEFITS**

Students must be fully admitted and seeking a degree at APSU in order to qualify for DVA benefits. Non-degree seeking students do not qualify for educational benefits. Admission application is made through the APSU Admissions Office 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, a copy of the DD-214 discharge certificate is required with both the application for admission and the application for DVA benefits. For those students who have remaining eligibility under the Vietnam Era GI Bill (Chapter 34), marriage certificate, 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 benefit payment. An application for DVA educational benefits does not constitute an application for admission to the University. Students must be prepared to pay tuition at the time of registration. It normally takes at least 10 weeks following application for DVA benefits before the first payment check can be expected. **ALERT: Accelerated courses may affect your VA monthly entitlement.**

**CRITICAL AREAS OF CONCERN FOR CONTINUING DVA CERTIFICATION FOR BENEFITS**

**1. Matriculation:** DVA considers a student to have matriculated when he/she has been admitted to APSU as pursuing an approved degree. This means that all documents necessary to be admitted as a regular, degree-seeking student must be received by the Admissions Office before matriculation is com-



plete. 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 SEMESTER OR TERM. The requirements for full admission must be completed prior to enrollment for the second semester/term (see General Requirements for Admission). Certification for DVA educational benefits will not be submitted beyond one semester or term for non-matriculated students. The following documents are required for matriculation:

- a. Application for admission;
- b. High school transcript with date of graduation, passing GED, or External Diploma Program;
- c. All higher education transcripts from other schools (includes Community College of the Air Force) and non-traditional college credits;
- d. All applicable test scores (refer to Admissions Requirements); and,
- e. All military personnel (active duty and veterans) must submit documents for military credit.

**2. Proper Degree Pursuit:** In order to be certified to receive DVA educational benefits, students are required to be degree-seeking and enrolled in an approved degree program of study as listed in this BULLETIN. Benefit payments will only be made for those courses required in the program of study which count for graduation credit, and pursuit is allowed for only one degree program at a time. Students must enroll in and attend the degree-granting institution in order to receive DVA educational benefits. This means that a Main Campus degree cannot be pursued at Fort Campbell. If a change of program is desired, the DVA must be notified by submitting the appropriate notification forms through the OVA.

**3. Repeated or Excessive Courses:** DVA educational benefit payment will not be made for courses which have been previously passed, whether at APSU or accepted as transfer credit. Courses taken under the Fresh Start and CARE Policy programs fall into this category, as they are taken to increase GPA rather than as initial course completions. Conversely, there is no limit on the number of times a student may repeat a course for which a failing (punitive) grade has been assigned. However, the OVA must report the student's unsatisfactory progress, and terminate educational benefits, at such time he or she no longer meets APSU's standards of progress. Electives are considered to be courses which are required for graduation as long as

they do not exceed the minimum number of credit hours required for graduation. Electives for which a failing (punitive) grade has been assigned may be repeated until a passing grade is received, as long as each grade is punitive when it is originally assigned. Excessive courses are those courses that a student completes, but the courses will not be used in computing hour requirements for graduation. Excessive courses will not be certified for DVA payment.

**4. Certification Request Form:** This form is required from each student receiving GI Bill benefits for each semester/term, and is available at the appropriate OVA or on the web at [www.apsu.edu/vaoffice](http://www.apsu.edu/vaoffice). The form must be signed by the student to request certification for the semester/term.

#### PRIOR CREDIT EVALUATION

An enrollment certification submitted for a veteran, reservist or service person 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 Admissions Office within ONE semester or term. 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 semester/term of receiving VA 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 insti-



tutions must be applied to the new program as prior credit. Chapter 31 vocational rehabilitation students may not change their degree programs without prior approval from the DVA rehabilitation counselor.

### **SATISFACTORY PROGRESS**

All grades, no matter when earned, are part of the permanent transcript and are factored into academic progress. Students placed on academic probation must bring their GPA above the probationary level during the semester/term following the semester/term for which probation was awarded or DVA benefits will be terminated. If benefits are terminated for unsatisfactory academic progress, a written request must be submitted by the student for benefits to be reinstated.

### **DUAL ENROLLMENT BETWEEN MAIN CAMPUS AND FORT CAMPBELL**

Enrolling at both Main Campus and Fort Campbell creates a special reporting requirement, because the DVA classifies Main Campus and Fort Campbell as two separate educational institutions. Pursuit of a Main Campus degree makes the Main Campus the primary degree-granting institution, and pursuit of a Fort Campbell degree makes Fort Campbell the primary degree-granting institution. Students must be admitted to and pursuing a degree at their primary institution. Students are allowed to temporarily enroll at the secondary institution in classes that apply to the primary degree program. Enrolling at the secondary institution makes a student either transient or concurrently enrolled. Transient means a student is temporarily attending only the secondary institution, and concurrently enrolled means that the student is attending both primary and secondary institutions simultaneously. The OVA's at both campuses have a Transient Student form where courses at the secondary institution must be validated before they can be certified to DVA for payment. Students who are receiving DVA 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 Austin Peay MUST see the appropriate OVA prior to registering/enrolling at the other institution, or DVA 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 DSP WEB courses or WEB based courses.

### **ATTENDANCE POLICY**

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

# The Academic Community



## **ACADEMIC YEAR**

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.

## **DEGREES AND PROGRAMS OF STUDY**

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The University confers eight undergraduate degrees: Associate of Applied Science (A.A.S.); Associate of Science (A.S.); Bachelor of Arts (B.A.); Bachelor of Business Administration (B.B.A.); Bachelor of Fine Arts (B.F.A.); Bachelor of Science (B.S.); Bachelor of Science in Nursing (B.S.N.); and Bachelor of Professional Studies (B.P.S.). The University offers several graduate degrees at the masters level and the Education Specialist degree. For specific information about these programs, consult the GRADUATE BULLETIN.

## **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. Fort Campbell publishes a Class Schedule for each of its terms. The University reserves the right to cancel any courses listed in the SCHEDULE OF CLASSES.

The following tables 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

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

<u>DEPARTMENT</u>	<u>MAJOR</u>	<u>CONCENTRATIONS</u>	<u>DEGREE OFFERED</u>
Accounting	Business	Accounting	B.B.A.
Business Law, Economics, General Business, and Decision Sciences	Business	Economics	B.B.A.
		General Business	B.B.A.
Finance, Management, and Marketing	Business	Finance	B.B.A.
		Management	B.B.A.
		Marketing	B.B.A.

## COLLEGE OF PROFESSIONAL PROGRAMS AND SOCIAL SCIENCES

<u>DEPARTMENT</u>	<u>MAJOR</u>	<u>CONCENTRATIONS</u>	<u>TEACHER CREDENTIAL PREPARATION</u>	<u>DEGREE OFFERED</u>
Health and Human Performance	Health and Human Performance		Licensure 7-12	B.S.
			Licensure K-12	B.S.
Military Science			Commission 1	
Political Science	Political Science		Licensure 7-12	B.A., B.S.
Psychology	Psychology		Licensure 7-12	B.A., B.S.
School of Education	Interdisciplinary Studies Special Education		Licensure K-8, 5-8	B.S.
			Licensure K-12	B.S.
School of Nursing	Nursing		RN Licensure	B.S.N.
Social Work	Social Work			B.S.
Sociology	Sociology		Licensure 7-12	B.S.

## COLLEGE OF SCIENCE AND MATHEMATICS

<u>DEPARTMENT</u>	<u>MAJOR</u>	<u>CONCENTRATIONS</u>	<u>TEACHER CREDENTIAL PREPARATION</u>	<u>DEGREE OFFERED</u>
Agriculture	Agriculture	Agri-Business		B.S.
		Agri-Communications		B.S.
		Agri-Science		B.S.
Biology	Biology		Licensure 7-12	B.S.
Chemistry	Chemistry		Licensure 7-12	B.S.
Geology and Geography	Geology		Licensure 7-12	B.S.
	Environmental Geography			B.S.
Mathematics and Computer Science	Mathematics		Licensure 7-12	B.S.
	Computer Science	Computer Science		B.S.
	and Information Sys.	Information Systems		B.S.
Physics	Physics		Licensure 7-12	B.S.

## SCHOOL OF TECHNOLOGY AND PUBLIC MANAGEMENT

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

\*Austin Peay Center @ Fort Campbell only

## COLLEGE OF GRADUATE STUDIES

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

### EDUCATION SPECIALIST DEGREE

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

\*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

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1. 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-2, see page 102).
2. The candidate will earn at least 64 semester hours credit, which include two semester hours of physical education activities or military science courses numbered below 3000, and must follow the specific course requirements as given in the outlined Program of Study. Not more than one-half of the required credits may be earned as non-traditional credits. After the last semester/term in residence, the student may not transfer more than 16 semesters hour credit earned at other institutions to apply toward the completion of the degree requirements at APSU.
3. The candidate transferring from other associate degree programs must be admitted to APSU.
4. The candidate is required to maintain an overall minimum grade-point average of at least a "C" (2.00) average in all courses. For the Associate of Applied Sciences degree, the candidate must have at least a "C" (2.00) average in the required specialization.
5. The candidate must submit an application for the associate degree to the Information Window at Austin Peay Center @ Fort Campbell or the Office of the Registrar in the Ellington Student Services Building by the published deadline.
6. The candidate must satisfy the computer literacy requirement for the Associate of Science degree (see page 83).

## GENERAL REQUIREMENTS FOR A BACHELOR DEGREE

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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 102). (For exception to the requirement concerning the last semester in residence see the section of this BULLETIN stating the requirements for the pre-professional curriculum leading to a degree from APSU conferred in absentia.
2. The candidate shall earn at least 128 semester hours credit, at least 48 of which shall be earned in courses numbered 3000-4999 or upper-division elective (EU) transfer credits. Transfer students with associates degrees that meet the Liberal Arts core requirements will need at least 42 upper division hours. For community college transfer students, the requirement of at least 48 upper-division hours may be lowered to 42 with the approval of the dean of the college in which the student is majoring.
3. The candidate shall earn at least twice as many quality points as credits attempted—that is, make at least a "C" (2.00) average in all courses attempted. In addition, all candidates, including transfer students, must have at least a "C" (2.00) average in all courses attempted at APSU, and in all courses used to satisfy the minimum requirements of both the major and the minor.
4. Candidates shall complete the required Liberal Arts core courses of their curriculum or the equivalent as approved by the dean/director of the college/center in which the student is majoring, or the Vice President for Academic Affairs. Any substitution of a core course is to be approved by the dean of the college in which the student is majoring.
5. Candidates shall complete the areas of concentration required in their curricula or the majors and minors prescribed by the department in which they elect to major or minor. Any substitution for a required course is to be approved by the chair of the department requiring the course in the major or minor.
6. Unless the design of a particular curricula prevents it, generally the courses in the Liberal Arts core requirements for the degree should be completed by the end of the sophomore year.
7. Students who have satisfactory completed at least 24 weeks of intensive linguistic instruction, as recommended by ACE, may apply these credits to satisfy the Humanities - foreign language (IV. B. 3 - 6 hours)



Liberal Arts core requirement.

8. The candidate must satisfy the computer literacy requirement.
9. Total credits required for graduation with a baccalaureate degree will be at least 128, including the Liberal Arts core, major, minor, and upper division credits.
10. Senior Exit Exam is required for all bachelor degrees.

## TESTING AS A DEGREE REQUIREMENT

All students will be required to take one or more tests designed to measure Liberal Arts achievement and/or achievement in selected major areas as a prerequisite for graduation. In addition, students may be required to take other tests deemed necessary by the institution. The results of these tests will be used for evaluation of academic programs. As a part of this assessment program, the ETS Academic Profile will be administered to all Bachelor degree students the semester/term of graduation. Unless otherwise provided for any individual program, no minimum score or level of achievement is required for graduation. Participation in testing is a graduation requirement for all students, and a commitment to performing well is expected.

## GOALS OF THE LIBERAL ARTS CORE REQUIREMENTS

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### 1. Reasoning

Students should learn to reason well, to formulate problems, to recognize and use inductive and deductive reasoning, and to draw reasonable conclusions from information found in various sources. They should be able to distinguish between fact and opinion. They should also learn to recognize when reason and evidence are insufficient and to acknowledge the legitimacy of intuition.

### 2. Literacy

Students should be able to write essays that are unified, coherent, correct, and effective. They should be able to vary their style, including diction and sentence structure, for different readers and purposes. They should be able to gather information from pri-

## COMPUTER LITERACY

Certification of one's computer literacy has been established by the Tennessee Board of Regents as a degree requirement for all students. Effective with the May, 1989 graduating class, all Austin Peay State University degree recipients must fulfill this requirement.

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

AOM 2110	Microcomputer Fundamentals
ART 1070	Electronic Imaging
CHEM 3220	Instrumental Analysis
COMM 3100	Desktop Publishing
COMM 4100	Authoring Web Pages
CSCI 1000	Introduction to Computer Science
CSCI 1010	Introduction to Programming
EDUC 3040	Instructional Technology
ENGL 1100	Technical Writing
GEOL 3060	Quantitative Geosciences
GEOL 3061	(with laboratory)
MIS 1100	Computers in Business
MIS 1200	Business Information Technology
MUS 3160	Introduction to Music Technology

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

mary and secondary sources and to write reports using this research. Students should be able to read actively, aesthetically, and critically. They should be able to vary their reading speed according to the material. They should be able to separate their personal opinions and assumptions from a writer's. Students should be able to speak critically and constructively in the exchange of ideas. They should be adept at listening intelligently and creatively, recognizing the uses of language, anticipating the drift for a speaker's thought, and separating the vacuous from the perceptive.

### 3. Numerical Understanding

Students should have an understanding of and an ability to use mathematical concepts. They should

understand the value of research data in interpreting the past and predicting the future. They should be literate in the skills of mathematical communication.

#### **4. Historical Consciousness**

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

#### **5. Scientific Knowledge**

Students should have an understanding of our physical and geological worlds. They should have knowledge of and be able to apply methods of scientific inquiry. They should be aware of the impact of the scientific knowledge on the human condition—personal, environmental, social, and political.

#### **6. Values**

Students should develop the capability to make responsible decisions, based on an evolving personal value system, and to understand how these deci-

sions affect society.

#### **7. Appreciation of the Fine Arts**

Students should experience the fine arts as a contribution toward the enrichment of living.

#### **8. Multicultural Experience**

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

#### **9. Personal Development**

Students should understand the importance of lifelong 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 which will incorporate a variety of learning techniques to promote imagination, understanding, analysis, synthesis, evaluative judgements, and personal responsibility.

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

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

The Honors Program satisfies specific Liberal Arts core requirements (see page 139).

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

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

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

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

## LIBERAL ARTS CORE REQUIREMENTS FOR BACHELOR OF ARTS DEGREE

### **I. Communications** .....8-9 hours

1. HUM 1010 and 1020-Heritage-Writing and Speaking-(total 8 hours)  
OR
2. ENGL 1010 - English Composition or HON 1010 - Language and the Problems of Modern Culture, and ENGL 1020 - English Composition - 3 hours each; select one below - (total 9 hours):
  1. COMM 1010-Fundamentals of Public Speaking-3 hours
  2. COMM 2030-Debate-3 hours

### **II. Health and Personal Development** ..... 5 hours

- A. Two physical education activity courses. 1 hour each  
Any lower-level ROTC course may be substituted for a physical education activity course. Credit earned for Marching Band (MUS 1630 or 3630) during Fall semester may be substituted for required physical education activity courses.
- B. Select one course from: (3 hours each)
  1. HHP 1210-Principles of Nutrition
  2. HHP 1260-Personal Health
  3. HHP 2050-Community and Environmental Health
  4. PSY 1210-Psychology of Adjustment
  5. PSY 2210-Human Interaction
  6. COMM 1030-Interpersonal Communication

### **III. History** .....6 hours

- A. HIST 2010, 2020-American History, I and II-3 hours each
- B. HIST 2030, History of Tennessee may be substituted for three hours in the six-hour requirement above.

### **IV. Humanities** .....15-16 hours

- A. HUM 1110, 1120, 2010 and 2020-Heritage-Humanities - the first two of these to be taken in conjunction with HUM 1010 and 1020, during the freshmen year. Also provides Social Science core credit for HIST 3015. Student responsible for foreign language\* (6 hours). (Total 22 hours)  
OR
- B. 1. ENGL 2030 Traditions in World Literature - 3 hours
2. Foreign language\* (6 hours)
3. Two courses required from two of these departments: (6-7 hours)
  - a. Art Department-3 hours each
    - i. ART 1030-Art Appreciation
    - ii. ART 3200-Art History, U.S.
  - b. Music Department
    - i. MUS 1030-Music Appreciation-3 hours
    - ii. MUS 2050-Beginning Music Reading and Performance-3 hours
    - iii. MUS 2100-Music in America-3 hours
    - iv. MUS 1950 & 1960-Introduction to Music Literature (to be taken in sequence)-4 hours, together
    - v. MUS 2030-World Music-3 hours
  - c. Communication and Theatre Department-3 hours each
    - i. THEA 2010-Interpretation of Literature
    - ii. THEA 1030-Introduction to Theatre
    - iii. THEA 3000-American Theatre

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

**V. Science/Mathematics . . . . .11-14 hours**

**A. Science:** a two-course sequence or any two courses from approved courses listed below unless specified in the course descriptions (8 hours)

1. BIOL 1010, 1020-General Biology-4 hours each
2. BIOL 2010, 2020-Human Anatomy and Physiology-4 hours each
3. CHEM 1000-Chemistry for General Education-4 hours
4. CHEM 1010, 1020-Chemistry: Society and Environment-4 hours each
5. CHEM 1110, 1120-General Chemistry-4 hours each
6. CHEM 1710 or PHYS 1710-Introductory Chemistry and Physics-4 hours each
7. GEOL 1040-Physical Geology-4 hours
8. GEOL 1050-Historical Geology-4 hours
9. PHYS 1010-Understanding the Physical World-4 hours
10. PHYS 1020-Understanding the Physical World-4 hours
11. ASTR 1210-Planetary Astronomy-4 hours
12. ASTR 1220-Stellar Astronomy-4 hours
13. PHYS 2010, 2020-College Physics-5 hours each
14. PHYS 2110, 2120-University Physics-5 hours each

**B. Mathematics:** Select and complete one option to satisfy requirement (3-6 hours).

1. MATH 1610, 1620-Fundamental Concepts of Mathematics-3 hours each
2. MATH 1110-College Algebra-3 hours, and one of the following:
  - a. MATH 1120-College Algebra-3 hours
  - b. MATH 1530-Elements of Statistics-3 hours
  - c. MATH 1810-Elements of Calculus-3 hours
  - d. PHIL 2900-Critical Reasoning and Logic-3 hours
  - e. PHIL 4000-Symbolic Logic-3 hours
3. MATH 1720-Trigonometry-3 hours
4. MATH 1810, 1820-Elements of Calculus-3 hours each
5. MATH 1910-Calculus and Analytic Geometry-5 hours
6. MATH 1410, 1420-Structure of Mathematics Systems-3 hours each
7. MATH 3000-Discrete Mathematics-3 hours

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

These hours must be selected from two different sections below:

- A. College of Business-3 hours each
  1. ECON 2000-Contemporary Economics
  2. ECON 2010-Principles of Economics
  3. FIN 1000-Personal Finance
- B. Geology and Geography Department-3 hours each
  1. GEOG 1010-Physical Geography
  2. GEOG 1020-Geography of the Developed World
  3. GEOG 1030-Geography of the Developing World
- C. History and Philosophy Department-3 hours each
  1. HIST 1210-World History I (Heritage Program satisfies HIST 1210)
  2. HIST 1220-World History II
- D. Political Science Department-3 hours each
  1. PSCI 2010-American National Government
  2. PSCI 2040-Introduction to Public Policy
  3. PSCI 2070-International Politics
- E. Psychology Department-3 hours each
  1. PSY 1020-General Psychology
  2. PSY 1030-General Psychology

- F. Sociology Department-3 hours each
1. SOC 2010-Introduction to Sociology
  2. SOC 2050-Social Problems
  3. SOC 3010-Marriage and the Family
  4. SOC 3500-Cultural Anthropology

## **MAJORS**

See page 96

## **MINORS**

See page 97

## **ELECTIVES**

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

## **COMPUTER LITERACY**

See page 83

**TEACHER LICENSURE:** Teacher Licensure students who desire to seek licensure to teach are referred to criteria for admission to teacher education on page 107.

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

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

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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 139).

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

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

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

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

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

**I. Communication . . . . .8-9 hours**

- A. HUM 1010 and 1020-Heritage-Writing and Speaking-(total 8 hours)  
OR
- B. ENGL 1010 - English Composition or HON 1010 - Language and the Problems of Modern Culture, and ENGL 1020 - English Composition - 3 hours each; select one below - (total 9 hours):
  - 1. COMM 1010-Fundamentals of Public Speaking-3 hours
  - 2. COMM 2030-Debate-3 hours

**II. Health and Personal Development . . . . .5 hours**

- A. Two physical education activity courses. 1 hour each  
Any lower-level Military Science course may be substituted for a physical education activity course. Credit earned for Marching Band (MUS 1630 or 3630) during Fall semester may be substituted for required physical education activity courses.
- B. Select one course from: 3 hours each
  - 1. HHP 1210-Principles of Nutrition
  - 2. HHP 1260-Personal Health
  - 3. HHP 2050-Community and Environmental Health
  - 4. PSY 1210-Psychology of Adjustment
  - 5. PSY 2210-Human Interaction
  - 6. COMM 1030-Interpersonal Communication

**III. History . . . . .6 hours**

- A. HIST 2010, 2020-American History, I and II-3 hours each
- B. HIST 2030-History of Tennessee may be substituted for three hours in the six-hour requirement above.

**IV. Humanities . . . . .12-16 hours**

- A. HUM 1110, 1120, 2010 and 2020 - Heritage-Humanities, the first two of these to be taken in conjunction with HUM 1010 and 1020 during the freshman year. Also provides Social Science credit for HIST 1210. (total, 16 hours)  
OR BOTH B AND C
- B. ENGL 2030 - Traditions in World Literature (3 hours); PLUS World Literature (3 hours) OR Foreign Language (3 hours) or Philosophy (3 hours)
  - 1. ENGL 2030-Traditions in World Literature-3 hours; and one of the following-3 hours each - Total, 6 hours
    - ENGL 2040-World Literature: Fiction
    - ENGL 2050-World Literature: Poetry
    - ENGL 2060-World Literature: Drama
    - ENGL 2070-World Literature and Film
    - ENGL 2080-Themes in World Literature
  - 2. Foreign Language: 3 hours each
    - a. FREN 2010 or 2020-Intermediate French
    - b. GERM 2010 or 2020-Intermediate German
    - c. GREK 2010 or 2020-Intermediate Greek
    - d. JAPN 2010 or 2020-Intermediate Japanese
    - e. LATN 2010 or 2020-Intermediate Latin
    - f. SPAN 2010 or 2020-Intermediate Spanish
  - 3. Philosophy: 3 hours each
    - a. PHIL 1030-Introduction of Philosophy
    - b. PHIL 2200- Religion and the World
    - c. PHIL 2300-Medical Ethics

- d. PHIL 2310-Environmental Ethics
- e. PHIL 2400-Business Ethics
- f. PHIL 2410-Educational Ethics
- C. Two courses required from two of these departments: (6-7 hours)
  - 1. Art Department-3 hours each
    - a. ART 1030-Art Appreciation
    - b. ART 3200-Art History, U.S.
  - 2. Music Department
    - a. MUS 1030-Music Appreciation-3 hours
    - b. MUS 2050-Beginning Music Reading and Performance-3 hours
    - c. MUS 2100-Music in America-3 hours
    - d. MUS 1950 and 1960-Introduction to Music Literature (to be taken in sequence)-4 hours, together
    - e. MUS 3030-World Music-3 hours
  - 3. Communication and Theatre Department-3 hours each
    - a. THEA 2010-Interpretation of Literature
    - b. THEA 1030-Introduction to Theatre
    - c. THEA 3000-American Theatre

**VIII. Science/Mathematics . . . . .11-14 hours**

**A. Science:** a two-course sequence or any two courses listed below, unless specified in the course descriptions (8 hours)

- 1. BIOL 1010, 1020-General Biology-4 hours each
- 2. BIOL 2010, 2020-Human Anatomy and Physiology-4 hours each
- 3. CHEM 1000-Chemistry for General Education-4 hours
- 4. CHEM 1010, 1020-Chemistry: Society and Environment-4 hours each
- 5. CHEM 1110, 1120-General Chemistry-4 hours each
- 6. CHEM 1710 or PHYS 1710-Introductory Chemistry and Physics-4 hours each
- 7. GEOL 1040-Physical Geology-4 hours
- 8. GEOL 1050-Historical Geology-4 hours
- 9. PHYS 1010-Understanding the Physical World-4 hours
- 10. PHYS 1020-Understanding the Physical World-4 hours
- 11. ASTR 1210-Planetary Astronomy-4 hours
- 12. ASTR 1220-Stellar Astronomy-4 hours each
- 13. PHYS 2010, 2020-College Physics-5 hours each
- 14. PHYS 2110, 2120-University Physics-5 hours each

**B. Mathematics:** Select and complete one option to satisfy requirement (3-6 hours)

- 1. MATH 1610, 1620-Fundamental Concepts of Mathematics-3 hours each
- 2. MATH 1110-College Algebra-3 hours, and one of the following:
  - a. MATH 1120-College Algebra-3 hours
  - b. MATH 1530-Elements of Statistics-3 hours
  - c. MATH 1810-Elements of Calculus-3 hours
  - d. PHIL 2900-Critical Reasoning and Logic-3 hours
  - e. PHIL 4000-Symbolic Logic-3 hours
- 3. MATH 1720-Trigonometry-3 hours
- 4. MATH 1810, 1820-Elements of Calculus-3 hours each
- 5. MATH 1910-Calculus and Analytic Geometry-5 hours
- 6. MATH 1410, 1420-Structure of Mathematics Systems-3 hours each
- 7. MATH 3000-Discrete Mathematics-3 hours

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

These hours must be selected from two different sections below:

**A. College of Business-3 hours each**

- 1. ECON 2000-Contemporary Economics



2. ECON 2010-Principles of Economics
3. FIN 1000-Personal Finance

**B. Geography and Geography Department-3 hours each**

1. GEOG 1010-Physical Geography
2. GEOG 1020-Geography of the Developed World
3. GEOG 1030-Geography of the Developing World

**C. History and Philosophy Department-3 hours each**

1. HIST 1210-World History I (Heritage Program satisfies HIST1210)
2. HIST 1220-World History II

**D. Political Science Department-3 hours each**

1. PSCI 2010-American National Government
2. PSCI 2040-Introduction to Public Policy
3. PSCI 2070-International Politics

**E. Psychology Department-3 hours each**

1. PSY 1020-General Psychology
2. PSY 1030-General Psychology

**F. Sociology Department-3 hours each**

1. SOC 2010-Introduction to Sociology
2. SOC 2050-Social Problems
3. SOC 3010-Marriage and the Family
4. SOC 3500-Cultural Anthropology

**MAJOR**

See page 96

**MINOR**

See page 97

**ELECTIVES**

See specific academic program of study

**COMPUTER LITERACY**

See page 83

**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 107.

**ELEMENTARY LICENSURE:** For adding licensure grades K-8 or 5-8 to Tennessee Certificate endorsed grades 7-12, the student should secure the State-approved plan from the Office of Teacher Licensure, Claxton Building 106.

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

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

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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.)

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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

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1. The candidate for a degree must satisfy the computer literacy requirement as required by the Tennessee Board of Regents described on pages 83.
2. **Correspondence-Extension:** The total credits earned by non-traditional college classroom methods (including correspondence credits, extension credits and credits by CLEP, proficiency examinations, and advanced placement tests) indicated on the Coursework Approval form may be applied toward completion of the degree requirements and may not exceed one-half the total number of credits required for the degree sought. Except by special permission of the Registrar no course regularly required or offered in the schedule may be taken by correspondence for the purpose of satisfying requirements for graduation. In no case may English Composition be taken by correspondence while the student is in residence.
3. **BULLETIN Requirements:** Candidates may choose to graduate following the degree requirements of the BULLETIN current during the initial term of enrollment or any subsequent BULLETIN. A student may not elect to graduate under a BULLETIN more than six years old.
4. **Records Complete:** All grades of "Incomplete" must be removed, all transfer of credits made, and all correspondence and extension courses finished by the end of the term in which the candidate expects to receive the degree. See grade appeal on page 40.
5. **Application for Degree and Commencement:** Formal application for the degree must be filed in the Office of the Registrar not later than the term prior to graduation. Refer to the Calendar for specific dates. 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 no more than two courses to complete in the Fort Campbell Spring II Term can participate in the May Commencement.
6. **On Course Tracking Exit:** A final review of coursework at APSU and any evaluated transfer work in preparation for graduation is mailed to all degree applicants the semester prior to their last semester in residence at APSU. The On Course Tracking Exit must be signed by the student and his/her advisor and returned to the Office of the Registrar. Refer to the Fort Campbell Class Schedule Calendar for specific dates.
7. **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.
8. **Earning a Second Associate's Degree Concurrently:** Students may earn two associate degrees concurrently by completing all require-

ments 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.

9. **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 freshman must, if possible, register for English Composition (ENGL 1010 and 1020) each semester until both courses are completed with a passing grade. Required physical education or ROTC should be completed during the first two years. Two 3-hour ROTC courses may be substituted for the two required physical education activities courses. Each credit earned in Marching Band during the Fall semester may be substituted for one of the required physical education activities courses. American History I and II (History 2010, 2020) as required in the Liberal Arts core of the University, and fulfills the requirements of Public Chapter 767 of Tennessee Public Acts of 1974 which prohibit the awarding of the baccalaureate degree to students who have not earned six semester hours of credit in American History.
2. **Major:** The following types of majors are offered by the various departments of the University: (1) A major of not less than 24 semester hours credit, (2) A distributive major of not less than 48 semester hours credit distributed over several related fields or content areas with depth in one field or content area. No minor is required. (3) Teaching major-students completing a teaching major must complete required education courses to be licensed to teach. Candidates for the bachelor's degree with licensure must elect and complete a teaching major. For licensure programs, these students must complete all degree requirements, to include a Liberal Arts core, a teaching major, the Interdisciplinary Studies or Secondary Education minor, and any mandated licensure requirements which may not be in the BULLETIN under which the student entered. Students who transfer credit may satisfy the departmental requirements based on their transfer credit evaluation.
3. **Minor:** An approved minor, consisting of at least 18 semester credit hours, is required unless the student has elected and completed a distributive or a double major. The minor shall include at least six semester hours of credit in courses numbered from 3000 to 4999. Check descriptions of department majors to learn whether a minor is or is not required with a particular major.
4. **Computer Literacy:** The candidate for a degree must satisfy the computer literacy requirement as required by the Tennessee Board of Regents described on page 83.
5. **Correspondence-Extension:** The total credits earned by non-traditional college classroom methods (including correspondence credits, extension credits, and credits by CLEP, proficiency examinations, and advanced placement tests) indicated on the Coursework Approval form may be applied toward completion of the degree requirements and may not exceed 64 semester hours. Except by special permission of the Registrar, no course regularly required or offered in the schedule may be taken by correspondence for the purpose of satisfying requirements for graduation. In no case may English Composition be taken by correspondence while the student is in residence.
6. **BULLETIN Requirements:** Candidates may choose to graduate following the degree requirements of the BULLETIN current during the initial term of enrollment or any subsequent BULLETIN. A student may not elect to graduate under a BULLETIN more than six years old. This policy also applies to a transfer from a Tennessee community college, except the time will begin with enrollment at the community college rather than admission to APSU.
7. **Application for Degree and Commencement:** Formal written application for the degree, including the On Course Tracking Exit, must be filed with the Office of the Registrar not later than the term prior to the last term in residence. Refer to the University Calendar for spe-

cific dates. Applications for the degree will not be accepted from students who do not have a minimum cumulative 2.00 GPA. All applicants for the degree must notify the Office of the Registrar in writing as to whether the applicant will or will not participate in Commencement. **Campus Students:** Candidates currently enrolled in courses that are completed prior to graduation exercises or have only one course to complete in the Summer term can participate in May Commencement.

**Fort Campbell Students:** Candidates currently enrolled at Fort Campbell during the Spring II term in courses (s) completing the last course(s) for Bachelor degree requirements may participate in May Commencement.

8. **On Course Tracking:** A preliminary review of coursework at APSU and any evaluated transfer work in preparation for graduation is available to all students via APWEB for Students, [www.apsu.edu/records](http://www.apsu.edu/records)
9. **On Course Tracking Exit:** A final review of coursework at APSU and any evaluated transfer work in preparation for graduation is mailed to all degree applicants during the semester prior to their last semester in residence at APSU. The On Course Tracking Exit must be signed by the student and his/her advisor and returned to the Office of the Registrar. Refer to the University Calendar for specific dates.
10. **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 40.
4. **Earning a Second Major/Concentration Under Same Degree Earned at Austin Peay:** A second undergraduate major to be received under the degree already awarded may be earned by meeting all of the requirements for that major/concentration as shown in the current edition of the BULLETIN at the time of admission to the program. A memorandum from the appropriate department chair must be sent to the Office of the Registrar stating that all requirements for that major have been met. The second major will be added to the transcript; a second diploma will not be issued.
5. **Earning Two Majors Under Different Degrees Simultaneously:** Students who pur-

sue double majors under different degree programs must comply with one of the following:

- a. If one major is distributive, the second major must have a minor. If both majors are distributive, a minor is not required. Two degrees will be awarded.
  - b. Before graduation, the student must complete a minimum of 158 hours of which 69 must be earned in courses numbered 3000-4999. Two degrees will be awarded.
  - c. The student may elect to change one major to a minor. One degree will be awarded.
13. **Earning a Second Bachelor's Degree:** *(Degree different from previous bachelor's degree at Austin Peay or bachelor's degree in addition to earned degree from other College/University)* A second bachelor's degree may be conferred if the following requirements are met: (1) earn additionally 30 hours credit in residence, of which 24 must be earned in courses numbered 3000-4999; (2) baccalaureate degree from a regionally accredited institution or the equivalent of a baccalaureate degree from a foreign university as certified by an educational credential agency, including the American History requirement of this BULLETIN's Liberal Arts core; (3) fulfill the computer literacy requirement, see page 83; (4) complete, without exception, the requirements for the major and minor appropriate to the new degree (this requirement may be met by the major and minor of the curriculum for the first degree if appropriate to the second degree); and, (5) have at least a "C" (2.00) GPA on all coursework 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. 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 pre-professional programs in the fields of study listed herein. These programs are designed to prepare the student to meet the minimum requirements for admission to a professional school. All curricula are generally designed to be acceptable to most professional schools. The student, however, should receive confirmation

from the professional school whether each course is acceptable for its program and plan the preprofessional curriculum at APSU accordingly.

None of the one- and two-year programs lead to a degree from APSU; however, degrees in absentia may be obtained from APSU after completion of the first year's work in the professional school for the three and four-year programs listed herein, provided the requirements for degrees in absentia are met.

Program	Department	Advisor	Years
Agricultural Education	Agriculture	Dr. J. Goode	3
Dentistry	Chemistry	Dr. J. Foote	3 or 4
Dental Hygiene	Chemistry	Dr. J. Foote	2
Engineering	Mathematics	Dr. L. McQueen	2
Food Technology	Agriculture	Dr. G. Hunt	2
Forestry	Agriculture	Dr. J. Matthews	2
Law		Dr. R. Shain	4
		Dr. Kanervo	
Medicine	Chemistry	Dr. S. Liu	4
Optometry	Biology	Dr. B. Stone	2 or 3
Pharmacy	Chemistry	Dr. J. Foote	2 or 3
Physical Therapy	Biology	Dr. O'Drobinak	2 or 3
Radiologic Technology	Biology	Dr. B. Stone	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 coursework in the professional school, provided:

1. The candidate completes the last two semesters as a full-time student in residency at APSU;
2. The candidate earns before transfer to the professional school sufficient credit to total 128 semester hours when combined with the credit earned during the first school year at the professional school;
3. Students needing clinical internship credit register on campus for a minimum of 15 hours of internship for those hospital programs generating 36 hours or less of credit applicable toward the degree in absentia. (enrollment for these units shall be approved by the APSU clinical education coordinator);
4. The candidate achieves an overall GPA of "C" (2.00) on all courses attempted before transfer to the professional school;
5. The candidate's completed program of study at APSU includes (a) the Liberal Arts core requirements for a degree, in addition to (b) an approved major of not less than 18 semester hours and an approved minor of not less than 12 semester hours, (c) not less than 24 semester hours earned in courses numbered 3000 or above, and (d) not less than 32 semester hours credit in residence;
6. The candidate has an overall GPA of "C" (2.00) on all courses attempted and submitted for meeting the requirements of 128 hours credit for the degree;
7. The professional school holds accreditation acceptable to APSU;
8. The student had an On Course Tracking at least one

semester prior to leaving APSU and has an On Course Tracking Exit the last semester registered here. (The student must also file an Application for Degree); and,

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

#### Extended and Distance Education

- Distance Education
  - Interactive Television Courses
  - Online Courses
  - Video Courses
- Extended Education
  - Dual Enrollment
  - NEW (Night, Evening, Weekend)
  - Off-campus Instruction
- Non-Credit and Customized Training
- Tennessee Small Business Development Center
- TRIO Programs

#### Office of Enrichment Programs

- African American Studies
- Center of Excellence for the Creative Arts
- Center of Excellence for Field Biology
- Distinguished Lecture Series
- Honors Program
- International Studies
- Presidential Research Scholarship Program
- President's Emerging Leader Program
- Wilbur N. Daniel African American Cultural Center
- Women's Studies

#### Servicemembers Opportunity Colleges (SOC)

##### Study Abroad and Exchange Programs

- Africa: Egypt, Gambia, Nigeria, South Africa, West Africa
- Asia: China, Japan, Taiwan
- Cooperative Center for Study Abroad: England, Scotland, Ireland, Australia, New Zealand, Kenya, Jamaica, Barbados, Belize, Hong Kong, Singapore
- Europe: Germany, France, Greece, Spain, Sweden
- North America: Mexico; Quebec, Canada

### COLLEGES AND SCHOOLS

#### THE COLLEGE OF ARTS AND LETTERS

##### Departments

- Art
- Communication and Theatre
- Developmental Studies
- History and Philosophy
- Languages and Literature
- Music

##### Areas of Instruction

- English
- French
- German
- Greek
- Japanese
- Latin
- Linguistics
- Education Spanish

#### THE COLLEGE OF BUSINESS

##### Departments

- Accounting
- Business Law,
  - Economics, General Business and Decision Sciences
- Finance, Management and Marketing

##### Areas of Instruction

- Accounting, Economics, Finance, Management, Marketing
- Business Law
- Decision Sciences
- Management Information Systems
- Quantitative Methods

#### THE COLLEGE OF PROFESSIONAL PROGRAMS AND SOCIAL SCIENCES

##### Department

- Health and Human Performance
- Military Science
- Political Science
- Psychology

School of Education  
 School of Nursing  
 Social Work  
 Sociology

**Areas of Instruction**

Early Childhood  
 Elementary Education  
 Literacy Science  
 Physical Education  
 Secondary Education  
 Special Education  
 Foundations

**THE COLLEGE OF SCIENCE AND MATHEMATICS**

**Departments**

Agriculture  
 Biology  
 Chemistry  
 Geology/Geography  
 Mathematics and Computer Science  
 Physics

**Areas of Instruction**

Mathematics

**Preprofessional Programs**

Agriculture (Vocational)  
 Allied Health  
 Dental Hygiene  
 Dentistry  
 Engineering

Food Technology  
 Forestry  
 Medical Technology  
 Medicine  
 Optometry  
 Pharmacy  
 Physical Therapy  
 Radiologic Technology  
 Veterinary Medicine

**THE SCHOOL OF TECHNOLOGY AND PUBLIC MANAGEMENT**

**Departments**

Engineering Technology\*  
 Professional Studies  
 Public Management

**Areas of Instruction**

Automotive Technology  
 Computer Science Technology  
 Construction Technology  
 Corrections Management  
 Culinary Arts  
 Data Processing  
 Electronics Technology  
 Food Service Technology  
 Liberal Arts  
 Management Technology  
 Police Science and Administration  
 Secretarial Procedures  
 Welding Technology

**LISTING OF MAJORS**

Agriculture	.....	Department of Agriculture
Art	.....	Department of Art
Biology	.....	Department of Biology
Business	.....	College of Business
Chemistry	.....	Department of Chemistry
Communication Arts	.....	Department of Communication and Theatre
Computer Science	.....	Department of Mathematics and Computer Science
Data Processing*	.....	School of Technology and Public Management
Engineering Technology	.....	Department of Engineering Technology
English	.....	Department of Languages and Literature
Environmental Geography	.....	Department of Geology and Geography
Foreign Languages	.....	Department of Languages and Literature
Geology	.....	Department of Geology and Geography
Health	.....	Department of Health and Human Performance
Health and Human Performance	.....	Department of Health and Human Performance
History	.....	Department of History and Philosophy
Interdisciplinary Studies	.....	School of Education
Liberal Arts	.....	Fort Campbell



Management Technology*	School of Technology and Public Management
Mathematics	Department of Mathematics and Computer Science
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
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
Sociology	Department of Sociology
Spanish	Department of Languages and Literature
Special Education	School of Education
* Fort Campbell	
** Main Campus and Fort Campbell	

## LISTING OF MINORS

Accounting	Department of Accounting
African American Studies	Office of Enrichment Programs
Agriculture	Department of Agriculture
Art	Department of Art
Art History	Department of Art
Biology	Department of Biology
Chemistry	Department of Chemistry
Classical Civilization	Department of Languages and Literature
Classical Languages	Department of Languages and Literature
Communication Arts	Department of Communication and Theatre
Computer Science	Department of Mathematics and Computer Science
Creative Writing	Department of Languages and Literature
Economics	Department of Business Law, Economics, General Business and Decision Science
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	Department of Finance, Management and Marketing
French	Department of Languages and Literature
General Business	Department of Business Law, Economics, General Business and Decision Sciences
Geography	Department of Geology and Geography
Geology	Department of Geology and Geography
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	Office of Enrichment Programs
Journalism	Department of Communication and Theatre
Latin	Department of Languages and Literature

Management	Department of Finance, Management and Marketing
Marketing	Department of Finance, Management and Marketing
Mathematics	Department of Mathematics and Computer Science
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
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 Sociology
Spanish	Department of Languages and Literature
Women's Studies	Office of Enrichment Programs

## SPECIAL PROGRAMS OF THE UNIVERSITY

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### CENTER FOR EXTENDED AND DISTANCE EDUCATION

Dean: Dr. Stanley Groppe  
 106 Public Square  
 Phone: (931) 221-7257  
 E-mail: groppe@apsu.edu

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.

#### DISTANCE EDUCATION

Coordinator: Mr. T. Moseley  
 Phone (931) 221-1014  
 E-mail: moseley@apsu.edu

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

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  
 Phone: (931) 221-7743  
 E-mail: mcgee@apsu.edu

**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.

**NEW (Night, Evening, Weekend)** 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 night, evening or weekend courses. Eight-week and sixteen-week courses are offered. Information about the schedule may be obtained by contacting the Center for Extended and Distance Education, the appropriate academic department, visiting the web page or by referring to the SCHEDULE OF CLASSES each term.

**Dual/concurrent enrollment** allows qualified

high school juniors and seniors to earn college credit while still in high school. For more information, call (931) 221-7743.

### **NON-CREDIT AND CUSTOMIZED TRAINING**

Coordinator: Ms. M.A. Burkhart  
Phone: (931) 221-6487  
E-mail: burkhartm@apsu.edu

Continuing Education Units are awarded to participants in noncredit, seminar, short courses, business/industry training, certification programs, prep courses and summer youth programs. MCSE and MOUS certification courses and testing are available on-site. A schedule of noncredit courses is published twice a year. In addition, customized training courses are available in computer applications and hardware, leadership and supervision, customer service, and other areas. For more information call (931) 221-6487 or (931) 221-7816.

### **TENNESSEE SMALL BUSINESS DEVELOPMENT CENTER**

Director: Ms. C. Clark  
Phone: (931) 647-2331 x261  
E-mail: tsbdc@apsu.edu

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**

The federal TRIO programs were established in 1965 to provide postsecondary educational opportunities to the economically disadvantaged in the United States. The programs target students 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 bases on college campuses nationwide. Austin Peay State University hosts five TRIO programs:

#### **High School Upward Bound**

Director:  
Phone: (931) 221-6200  
E-mail: wilbur@apsu.edu

#### **Tri-County Upward Bound**

Director: Mr. D. Botula  
Phone: (931) 221-6410  
E-mail: botulad@apsu.edu

#### **Veterans Upward Bound**

Director: Dr. A. Neal  
Phone: (931) 647-7894  
E-mail: neala@apsu.edu

#### **Student Support Services**

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

#### **Educational Opportunity Center**

Director: Mr. J. Johnson  
Phone: (931) 221-7481  
E-mail: johnsonjc@apsu.edu

### **OFFICE OF ENRICHMENT PROGRAMS**

Dr. Joe Filippo, Assistant Vice President  
for Academic Affairs  
Office: Browning Building 109  
Phone: (931) 221-6236, Fax (931) 221-7668

### **AFRICAN AMERICAN STUDIES**

See page 110

## **CENTER OF EXCELLENCE FOR THE CREATIVE ARTS**

Director: Dr. G. Mabry

Music/Mass Communications Building 165

Phone: (931) 221-7876

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**

Director: Dr. B. Stone

McCord Building 206

Phone: (931) 221-7782

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, com-

munity 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 which enhance their professional skills. Faculty from other universities are provided appointments as senior research fellows, collaborate with Center principal investigators, and interact with students while undertaking significant research activities in the Center. Faculty from the Biology Department hold research appointments in the Center to pursue research projects.

## **DISTINGUISHED LECTURE SERIES**

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

## **ENVIRONMENTAL EDUCATION CENTER**

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

## **HONORS PROGRAM**

See page 139

## **INTERNATIONAL STUDIES MINOR**

See page 139

## **PRESIDENTIAL RESEARCH SCHOLARS PROGRAM**

The Presidential Research Scholarship Program is designed to retain outstanding students and encourage their potential to pursue goals. Teams composed of faculty and students are given an opportunity to develop research projects that have the potential to increase scholarly output and leverage additional funding from

external sources. It supports the incorporation of research training into the undergraduate curriculum and provides undergraduate students with experience in the competitive proposal process. Awards are made to faculty-research teams to be used as a stipend to support the student. The student must have undergraduate status during the full term of the award. Faculty-student teams from the following departments will be eligible: biology, geology/geography, physics, chemistry, mathematics/computer science, and psychology.

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

See Leadership, page 182

### **WILBUR N. DANIEL AFRICAN AMERICAN CULTURAL CENTER**

Director: Dr. J. Wade  
Clement Building 101  
Phone: (931) 221-7120

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**

See page 195

### **SERVICEMEMBERS OPPORTUNITY COLLEGES (SOC)**

Coordinator: Ms. Sheila M. McCoy, Registrar  
Office of the Registrar, Ellington, 120  
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. 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 SOCAD-2 Student Agreement completed as their official evaluation stating remaining degree requirements and eliminating the need for reevaluation of previous credit; and,
6. Are guaranteed that courses listed in transferability tables in the SOCAD-2 Handbook will be accepted for degree requirements within each curriculum area.

## **SERVICEMEMBERS OPPORTUNITY COLLEGES**

### **BACHELOR'S DEGREE FOR SOLDIERS (SOCAD-4)**

APSU offers the B.S. in Public Management as its Bachelor's Degree for Soldiers. 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.

## **STUDENT SUPPORT SERVICES**

Director: Ms. J. Preston-Sabin

Ellington Student Services Building 320

Phone: (931) 221-6142

The 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 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.

\* The Student Support Services Program is funded by the U.S. Department of Education at 93% or \$187,200 of the total project costs and by APSU at 7% or \$13,245 of the total project costs. The services are free and can accommodate 180 qualified students.

## **STUDY ABROAD AND EXCHANGE PROGRAMS**

### **AFRICA**

Gambia, West Africa, and South Africa

Campus Coordinator: Dr. J. Mock

Phone: (931) 221-7584

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

### **NIGERIA**

Campus Coordinator: Dr. J. Filippo

Phone: (931) 221-6236

An educational and cultural exchange program has been established between APSU and Lagos State University (LASU), and University of Lagos (UNLAG).



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

## **ASIA**

### **China**

Campus Coordinator: Dr. C. Chen

Phone: (931) 221-1472

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

### **Japan**

Campus Coordinator: Dr. A. Christian

Phone: (931) 221-7612

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

International students take two kinds of classes. In the mornings, they enroll in a Japanese language class at their skill level. Speaking, reading and writing are emphasized. Interested students are encouraged to take Japanese before applying. In the afternoons, students take lecture courses in English on topics in various humanities disciplines. These courses cover a range of subjects from a Japanese and Asian perspective: history, religion, politics, business and anthropology, for example. Also, studio art courses are available in ceramics and Japanese brush painting. For all the courses, students earn university credit. Students have two options

for living accommodations, homestay or in the residence hall. Students pay Austin Peay tuition, room and board the semester they attend Kansai Gaidai University. Other expenses, such as airline cost, books, personal expenses and travel, are the students' responsibility.

### **Taiwan**

Campus Coordinator: Dr. C. Chen

Phone: (931) 221-1472

The Taiwan Project is an educational exchange program for faculty and students between APSU and National Changhua University of Education (NCUE), Taiwan, Republic of China. The Taiwan Project sponsors: (1) Student Exchange for one or two semesters. The contract with National Changhua University of Education allows selected APSU students to pay Austin Peay tuition and attend NCUE. Other expenses such as airline cost, room and board, books, personal expenses and travel, are the students' responsibility; (2) Study Abroad Program- students may be enrolled in a Summer Study Abroad Program at the host institution; and, (3) Faculty Exchange Program-selected faculty may attend the host institution for the purpose of research, teaching, general study, including course work, or the pursuit of advanced degrees. Faculty exchanges may begin in either the summer or fall semesters. The period for the exchange is limited to one academic year. Exchange scholars shall receive financial assistance as determined by the host institution. APSU has recently established an academic cooperation agreement with Nankai College in Taiwan. The agreement includes Visitation Program, Faculty Exchange Program, Student Transfer Program, and Study Abroad Program.

## **COOPERATIVE CENTER FOR STUDY ABROAD**

Campus Coordinator: Dr. J. Filippio

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. The CCSA sponsors: (1) short-term programs of study in late December and early January during the interim between the Fall and Spring semesters to London or Australia; (2) several programs in the spring; (3) two summer terms of five weeks each: early June-early July, and early July-early August; (4) a Fall semester in England; and (5) a variety of opportunities for internships.



Courses are taught by faculty from CCSA member institutions including APSU faculty. Students earn credit on their home campuses that apply to their degree programs. The CCSA member institutions identify comparable courses for those scheduled through other member universities.

## **EUROPE**

### **Holocaust Traveling Seminar**

Campus Coordinator: Dr. D. Browder

Phone: (931) 221-7924

Austin Peay's Study Abroad Program offers students an opportunity to travel to Germany and France during the Summer. The curriculum consists of History 490A, The Holocaust Traveling Seminar. Lectures will be held in Strasbourg, France, with subsequent travel to sites in Germany. All classes and tours are in English and students are eligible for six hours credit.

The accommodations are dormitory-style including two meals per day. Also included are hotels, pensions, or hostels near the sites. The cost for the program includes: APSU tuition, books, room and board, airline and rail tickets, site admission, program fees, and personal expenses. An advance down payment is required for dormitory and travel by March 1 of each year.

### **France**

Campus Coordinator: Dr. K. Sorenson

Phone: (931) 221-6246

An international education cooperative program has been established between University of Orleans of France and Austin Peay State University. The cooperation between the two universities encourages in student exchange program, faculty exchange program, and other program which includes a) The exchange of publications, documents, research results, and other form of academic collaboration; and b) The summer study abroad program.

### **Greece**

Campus Coordinator: Dr. T. Winters

Phone: (931) 221-1227

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

### **Spain**

Campus Coordinator: Dr. M. Ruiz-Aviles

Phone: (931) 221-7855

A four-week summer program for the study of Spanish will be taught at Estudio Internacional Sampere in Madrid. Spanish language classes are offered at all levels, from beginning through advanced. An average of 17 hours of classes and activities are scheduled each week. Classes average from five to eight students per class. While in Madrid, there will be four full-day excursions outside the capital to nearby cities and sites of interest such as Toledo, Segovia, Salamanca, La Granja, the Escorial, and the Valle de los Caídos.

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**

### **Costa Rica**

Campus Coordinator: Dr. R. Magrans

Phone: (931) 221-7847

A study abroad agreement has been established between INTENSA and Austin Peay State University. The

purpose of this program is to provide an opportunity for approved APSU degree-seeking students to take course at the institution.

### **Mexico**

Campus Coordinator: Dr. R. Magrans  
Phone: (931) 221-7847

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

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

### **Quebec, Canada**

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

The Mid-Continent Consortium offers an intensive

French language immersion course. It is open to students who have completed a minimum of one year of college-level French or its equivalent.

The immersion program is centered at the Ecole de langue et de culture quebecoise at the Université de Québec - Chicoutimi. The program uses coursework, homestay, and organized activities to create a total immersion environment. Students take courses in language, conversation and the culture of Quebec. Courses are taught entirely in French by native faculty.

Afternoons, students choose from a number of organized activities, including volleyball, hiking, canoeing, theater, dance, art, and singing folk songs. All activities are organized by a team of energetic French language monitors who keep students speaking French throughout the day.

Weekends include optional excursions to visit the cities of Quebec and Montreal, as well as the Lac St. Jean and Saguenay regions of the province of Quebec.

For advanced students, there is a three-week course in Business French, as well as a program in pedagogy for teachers of French. Other options are available year-round, including French and Snow, French and Nature, and semester-length immersion courses.

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## **COLLEGE OF ARTS AND LETTERS**

\_\_\_\_\_, Dean

Office:  
Phone:  
email:

The newly established College of Arts and Letters is composed of six academic departments. The dean and faculty will develop mission and purpose statements for the new college during the current academic year.

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## **COLLEGE OF BUSINESS**

Dr. Stephanie Newport, Interim Dean  
Office: Kimbrough 104  
Phone (931) 221-7674, Fax (931) 221-7355

### **MISSION**

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

fessionalism, and passion for learning that distinguishes them as College of Business graduates.

### **STRATEGIC PROFILE**

The College of Business is a professional undergraduate school within the designated liberal arts university of the Tennessee Board of Regents. As such, professional activities are designed to complement and fulfill the liberal arts mission of the university. The curriculum is intended to expand and capitalize on students' firm grounding in liberal arts, as well as to establish a thorough understanding of the relationship between theory and practice within the business discipline. Programs of study are regularly reviewed in concert

with a variety of constituents to explore the appropriateness and feasibility of new offerings. The research emphasis is primarily applied and instructional, and such efforts are expected to extend into and influence teaching. The College's commitment to service includes contributions to disciplines, University, and community, and offers additional opportunities for enhanced instruction and applied research.

## **THE BACHELOR OF BUSINESS ADMINISTRATION**

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

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

The admission requirements for the freshman and sophomore level (1000- 2999) courses are the same as the University admission requirements. Freshmen students are assigned a business advisor; students in the Developmental Studies Program are encouraged to work jointly with an advisor in the College of Business (COB).

Before enrolling in junior and senior (3000-4999) business courses (except QM 3110), business majors must have earned junior standing (60 hours) with a minimum cumulative GPA of 2.1 and have completed ENGL 1010, 1020, MATH 1110, 1810, ACCT 2010, 2020, ECON 2010, 2020, MIS 1200 and QM 2110. Any exception to these requirements must be approved by the Dean of the College of Business. Students seeking exceptions must complete the Petition for Exception to

COB Admission form, and obtain a business advisor's signature before submitting to the dean.

Transfer students first meet with the appropriate department chair in business for a review of the transcript and then are assigned to a faculty advisor. Transfer credit from community or technical colleges and the associate degree programs at Fort Campbell is limited to the lower division. Selected business courses taken at the lower level which are taught at the upper level at APSU may be counted for upper level courses by passing a validation exam. For information on the validation exams contact the Office of the Dean of the College of Business. Substitution of a lower-division course for an upper-division course does not waive the required upper-division hours.

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

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

Non-business majors or business minors must meet the specific course prerequisites which include junior standing (60 hours) for all 3000-4999 level business courses and may earn no more than 32 hours of credit offered by the College of Business; students taking beyond the 32 hours must meet the upper-division admission requirements of the BBA program as stated above.

## **COLLEGE OF GRADUATE STUDIES**

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Dr. Parris R. Watts, Dean of Graduate Studies  
Office: Kimbrough Building 203  
Phone (931) 221-7414, Fax (931) 221-7641

Graduate programs are found in the GRADUATE BULLETIN or <http://www.apsu.edu/~gradoffice/>

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## COLLEGE OF PROFESSIONAL PROGRAMS AND SOCIAL SCIENCES

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\_\_\_\_\_, Dean

Office:

Phone:

The newly established College of Professional Programs and Social Sciences is composed of eight academic departments. The dean and faculty will develop mission and purpose statements for the new college during the current academic year.

### SCHOOL OF EDUCATION

\_\_\_\_\_, Director

School of Education

Office: Claxton Building, Room 210

Phone (931) 221-7696, Fax (931) 221-1292

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

### PROGRAM INFORMATION

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

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

**Academic Regulations to Applying for Degree:** All students should be informed concerning general requirements for a baccalaureate degree and the specific Liberal Arts core courses that apply to teacher licensure as they differ from other degree programs.

**Accreditation of Education Programs:** Teacher

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

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

**Licensure Post-baccalaureate:** Holders of degrees from other universities who seek to complete a teacher education program post-baccalaureate are required to meet State and/or departmental requirements. (See the Office of Teacher Licensure in Claxton 106 for evaluation.) Some graduate work may be applicable toward a degree in this program.

**Additional Requirements for Licensure in other States:** Students seeking Kentucky licensure should consult with their advisor and the Teacher Licensure Officer regarding additional requirements. For requirements in other states, the student should consult the respective State's Department of Education.

### TEACHER EDUCATION IDENTIFICATION PROCESS

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

### PROVISIONAL ADMISSION TO TEACHER EDUCATION

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

1. Minimum cumulative GPA of 2.75;
2. No grade below "C" in ENGL 1010 and 1020, HIST 2010, 2020 or 2030, and core laboratory sciences and mathematics; and,
3. Satisfactory initial test scores or equivalent:
  - a. PRAXIS I (Pre-Professional Skills Test) with

- minimum scores in reading, writing and mathematics; or,
- b. Minimum ACT Composite score of 22, or SAT of 1030 (Verbal and Math), less than five years old; or,
  - c. B.S. or B.A. degree from an accredited institution, meet minimum scores on PPST or GRE (Graduate Record Examination). Post-baccalaureate candidates pursuing a graduate degree are encouraged to use the GRE for admission to Teacher Education, if a graduate degree will be pursued.

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

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

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

### **ADMISSION TO STUDENT TEACHING**

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

### **APPEAL PROCESS**

Students who do not meet one of the standards for provisional or full admission to Teacher Education are permitted to request a waiver of the standard. The candidate should pick up an appeals form in the Office of Teacher Licensure (Claxton, Room 106) and return it

along with a transcript to the Office of Teacher Licensure. The School of Education's Appeals Committee meets at the beginning and end of each semester and candidates are notified by mail of the committee's decision.

### **RECOMMENDATION FOR LICENSURE**

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

1. Full admission to the program;
2. Satisfactory completion of Student Teaching;
3. Passing Score on the Principles of Learning and Teaching subtest on the PRAXIS II; Elementary licensure requires K-6 version, Middle School licensure requires 5-9 version, Secondary School licensure requires 7-12 version. K-12 licensure may choose any one of the three tests;
4. Passing score on the PRAXIS II Specialty Area(s) (Teaching specialty(s)) as required;
5. Fully qualified to receive a bachelor's degree and maintains a minimum cumulative GPA of 2.75 upon completion of the program;
6. The student must possess good moral character and be free from mental and physical disabilities which would impair effectiveness as a teacher;
7. The student must have completed all degree requirements, to include a Liberal Arts core, a teaching major, the professional education minor, and any mandated licensure requirements which may not be in the BULLETIN under which the student entered (BULLETIN not to exceed six years). Courses completed must satisfy State of Tennessee guidelines for licensure; and,
8. The student is responsible for providing all test scores and paperwork required by the Office of Teacher Licensure.

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

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

It is probable that program requirements will change during a students matriculation.

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

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

## **DECLARE INTENT**

Students planning to become licensed to teach in secondary schools should declare their intent as early as possible and should follow the Teacher Education Identification process on page 107.

**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  
Office: McReynolds Building  
Phone: (931) 221-7710, Fax (931) 221-6382

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## **COLLEGE OF SCIENCE AND MATHEMATICS**

Dr. Gaines Humt, Interim Dean  
Office: Harvill Hall 127  
Phone: (931) 221-7971, Fax (931) 221-1024  
e-mail: huntg@apsu.edu

The newly established College of Science and Mathematics offers programs in six academic departments. The faculty and dean will develop mission and purpose statements during the current academic year.

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## **SCHOOL OF TECHNOLOGY AND PUBLIC MANAGEMENT Austin Peay Center @ Fort Campbell**

Mr. Gerald Beavers, Executive Director  
Phone: (931) 221-1491, Fax (931) 221-1493  
e-mail: beaversg@apsu.edu

The School of Technology and Public Management offers undergraduate programs for students seeking courses in engineering technology, public management, law enforcement, restaurant management, and various areas of technology.

General requirements for all degrees available in the School of Technology and Public Management are included on page 82. Academic regulations applying to associate and baccalaureate degrees are included on page 91. In addition, curriculum and liberal arts core requirements for all undergraduate students expecting to earn a degree from this College are included on page 87.

## ACADEMIC PROGRAMS OF STUDY

All programs of study, with exception of associate degree programs, Engineering Technology and Public Management through the Austin Peay Center @ Fort Campbell, are offered exclusively on the Main Campus. The Bachelor of Science degrees in Engineering Technology and Public Management are offered on both Main Campus and Fort Campbell.

Degree designations are as follows:

A.S. . . . . .	Associate of Science
A.A.S. . . . . .	Associate of Applied Science
B.A. . . . . .	Bachelor of Arts
B.B.A. . . . . .	Bachelor of Business Administration
B.F.A. . . . . .	Bachelor of Fine Arts
B.S. . . . . .	Bachelor of Science
B.S.N. . . . . .	Bachelor of Science in Nursing
B.P.S. . . . . .	Bachelor of Professional Studies

For Associate Degree Programs of Study, see page 293.

## ACCOUNTING CONCENTRATION

See Business, page 117

## AFRICAN AMERICAN STUDIES MINOR (18 HOURS)

### Office of Enrichment Programs

Director: Dr. Nancy J. Dawson

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:

At the time of this publication, revisions are being made to requirements for the African American Studies minor. These changes should be in effect as of Fall 2002. Students should consult the director for additional information.

### Courses Offerings:

AAST	2000	Contemporary African American Life . . . . .	3
AAST	2100	African American Writing Workshop . . . . .	3
AAST	2220	Introduction to African American Studies . . . . .	3
AAST	2250	African American Expressive Culture . . . . .	3
AAST	3000	Africana Women Across Cultures . . . . .	3
AAST	3020	Seminar in African American Studies . . . . .	1-6
AAST	4000	African American Studies Research . . . . .	3
AAST	4100	African American Studies Field Experience . . . . .	4

### Courses Outside of AAST:

ENGL	340G	African American Writers . . . . .	3
ENGL	340H	African Writers . . . . .	3
GEOG	3750	Geography of the African World . . . . .	3
HIST	3440	Africa to 1800 . . . . .	3
HIST	3450	Africa Since 1800 . . . . .	3



HIST	4650	African American History to 1890	3
HIST	4660	African American History Since 1890	3
PM	390A	Study Abroad in Africa	6
PSCI	3160	African Politics	3
PSCI	4020	Politics of Contemporary African American Thought and Movements	3
SOC	3020	African American Families in the United States	3
SOC	3050	Race Relations and Minority Peoples	3

## AGRICULTURE (B.S.)

### College of Science and Mathematics

Goode (Chair), Hunt, J. Matthews

Students majoring in agriculture will select one of three concentrations: Agri-Business, Agri-Science, or Agri-Communications. In each case, a strong broad-based understanding of American agriculture will be developed. Agri-Business is designed to prepare students for jobs in agricultural businesses and includes additional courses in marketing, management, economics, and accounting. Agri-Science is designed to prepare students for graduate schools or for jobs requiring technical knowledge of agriculture and includes additional courses in basic and applied sciences. Agri-Communications is designed to prepare students for jobs in agricultural journalism or communication and includes additional courses in journalism, broadcasting, and photography.

**MAJOR:** 1000, 1310, 1410, 2210, 3500, 4010, 4020, 4430, 4500, plus 16 - 18 hours selected in consultation with advisor. No more than ten hours combined credit can be used from 3610, 3620, 4610, 4620, 4910, 4920, 4930. Related required courses include: BIOL 1010; CHEM 1010 or 1110; ECON 2010; MIS 1100; 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

<i>Freshman</i>	<i>Cr.</i>	<i>Junior</i>	<i>Cr.</i>
AGRI 1000, 1310, 1410	8	AGRI 4010, 4020	2
BIOL 1010	4	Agriculture electives	13
ENGL 1010, 1020	6	CHEM 1010	4
GEOG 1010	3	ECON 2010	3
HHP1210	3	Humanities core	6
MIS 1200	3	Mathematics core	6
PHED/ROTC/Band	2		
<i>Sophomore</i>	<i>Cr.</i>	<i>Senior</i>	<i>Cr.</i>
ACCT 2010	3	AGRI 4430, 4500	7
AGRI 2210, 2500, 3500	10	BLAW 3300	3
GEOL 1040	4	Business elective	3
History core	6	Electives	14
Humanities core	6	MKT 3010	3
COMM 1010	3	AOM 2300	3

**AGRI-COMMUNICATIONS CONCENTRATION**

<i>Freshman</i>	<i>Cr.</i>	<i>Junior</i>	<i>Cr.</i>
AGRI 1000, 1310, 1410	8	Agriculture electives	16
BIOL 1010	4	CHEM 1010	4
ENGL 1010, 1020	6	COMM 3200, 4150	6
GEOG 1010	3	Humanities core	6
HHP 1210	3	Mathematics core	6
MIS 1200	3		
PHED/ROTC/Band	2		
<i>Sophomore</i>	<i>Cr.</i>	<i>Senior</i>	<i>Cr.</i>
AGRI 2210, 3500	7	AGRI 4010, 4020, 4430, 4500	9
ART 2090	3	Broadcasting elective	3
COMM 1400, 2000	6	ECON 2010	3
History core	6	Electives	15
Humanities core	6		
COMM 1010	3		

**AGRI-SCIENCE CONCENTRATION**

<i>Freshman</i>	<i>Cr.</i>	<i>Junior</i>	<i>Cr.</i>
AGRI 1000, 1310, 1410	8	AGRI 3220, 4010, 4020	5
BIOL 1010	4	Agriculture electives	11
ENGL 1010, 1020	6	CHEM 1010, 1020	8
GEOG 1010	3	ECON 2010	3
HHP 1210	3	Humanities core	6
MIS 1200	3		
PHED/ROTC/Band	2		
<i>Sophomore</i>	<i>Cr.</i>	<i>Senior</i>	<i>Cr.</i>
AGRI 2210, 3310, 3500	11	AGRI 4430, 4500	7
GEOL 1040	4	CHEM 3500	4
History core	6	COMM 1010	3
Humanities core	6	Electives	19
Mathematics core	6		

**ALLIED HEALTH**

As an additional option to the preprofessional curricula offered in dentistry, pharmacy, medicine, and veterinary medicine, APSU offers preprofessional programs of study planned and implemented by the faculty in paramedical specialties of the allied health profession, including dental hygiene, medical technology, optometry, physical therapy, and radiological technology. Other preprofessional programs are provided by special faculty advisement (see page 94).

Qualified graduates and trainees 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***

Marsh (Chair), K. Black, Bryant, Childs, Diehr, Filani, Holte, Lee, Renkl, Schlanger, D. Webb

Adjunct Faculty: Anderson, Callahan, Dunn, Hall, Heustess, Houha, Kern, Nietzsche, Strandberg, Tillotson,

## **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. Recently, the Carnegie Foundation on Higher Education reported that fully 75% of the jobs awaiting the graduates of the Class of 2011 have yet to be invented! This clearly means that the role of today's university is to teach students not only the skills necessary for a specific discipline, but also, and more importantly, how to learn. A broad based liberal arts education is the best preparation today's student can have for the future.

### **ART MAJOR, STUDIO ART CONCENTRATION FOR B.A. (49 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). Minimum of three hours non-Art electives is also required.

### **ART MAJOR, VISUAL COMMUNICATIONS CONCENTRATION FOR BA (49 HOURS) -**

Required Art Foundation courses are 1010, 1020, 1040, 1050, and 1070. Art History requirements are 2010, 2020, 3240 or 3270 and three hours from 3200, 3220, 3230, or 324x. Students must take ART 2090, ART 2320 plus five upper division courses from the areas of graphic design, illustration, photography, printmaking, or electronic imaging (4090, 410x, or 4310 may be used as one of these courses). A minimum of three hours upper division non-art electives is also required.

### **ART TEACHING MAJOR FOR B.A. WITH LICENSURE K-12 (36 HOURS) -**

Licensure to teach Art K-12 requires the completion of the following: 1) Liberal Arts core for the B.A.; 2) 1010, 1020, 1030, 1040, 2010, 2020, 3140, 3150, 3160, plus six hours of studio art electives and three hours of art history electives (although it is strongly advised that a student take more than two studio courses to develop expertise in at least one of the visual arts); and, 3) Professional Education minor. Student Teaching is required for licensure. Art education students must have an advisor in the Department of Art and another in the School of Education.

## **BACHELOR OF FINE ARTS (B.F.A.)**

The Art major concentrations for the Bachelor of Fine Arts are intended to provide students with opportunities for an education that is directed toward art as a profession. Students will demonstrate proficiency in at least one studio concentration through completion of the degree. The Art major B.F.A. concentrations exceed the requirements of a traditional four-year degree program; nine semesters may be required to complete the requirements for the degree. Degree requirements include the Liberal Arts core requirements for either B.A. or B.S. and all art courses for the desired B.F.A. concentration. A mid-career portfolio review is required of B.F.A. candidates as a prerequisite to Art 4150 and 4160. No minor is required for this degree. Admission to the B.F.A. program is by application (generally at the end of their sophomore year), providing the student has met the following requirements:

### **Application and Admission Requirements**

1. Completion of: ART 1010, 1020, 1040, 1050; 2010 or 2020; and two introductory studio courses from different areas;
2. A minimum 3.0 GPA in Art courses.

### **ART MAJOR, STUDIO ART CONCENTRATION FOR B.F.A. (82 HOURS)**

Required Art Foundation courses are 1010, 1020, 1040, 1050, and 1070. Art History 2010 and 2020 are required, plus two additional courses from 3200, 3220, 3230, 3240, 324x or 3270. Four introductory studio courses must be selected from the following areas (each course must be selected from a different area); Photography (2090), Sculpture (2070), Printmaking (2030, 3430, 3530), Painting (2040), Ceramics (2050 or 3450); Eleven upper division studio courses: must be selected from the areas of Painting, Drawing, Photography, Printmaking,

Pottery/Ceramics, Sculpture, Graphic Design, (4090, 410x, 4310 may each be used to satisfy this requirement). 4150 and 4160 are also required. Minimum of three hours upper-division non-art electives is also required.

**ART MAJOR, VISUAL COMMUNICATIONS CONCENTRATION FOR B.E.A. (82 HOURS)**

Required Art Foundation courses are 1010, 1020, 1040, 1050, and 1070. Art History courses are: 2010, 2020, and 3270 and one course from 3200, 3220, 3230, 3240, 324x. Students must select one course from two of the following five introductory studio courses: ceramics (2050 or 3450), drawing (3340), painting (2060), printmaking (2030, 3430, or 3530), or sculpture (2070). Students must choose a concentration (A or B) below:

**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: 3060, 3430, 4080, 4090, 410x, 4190 or 4310. A minimum of three hours upper division non-art electives is also required.

**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: 4010, 4090, 410x, and 4310 may each be used to satisfy this requirement. A minimum of three upper division non-art electives are required.

**SAMPLE PROGRAM OF STUDY**

Degree programs in the Department of Art are accredited by the National Association of Schools of Art and Design, (NASAD). Following is a sample schedule for a B.E.A. with a Studio Art Concentration following the Bachelor of Science Liberal Arts core requirements. The Studio Art B.E.A. is projected as nine semesters of full-time Fall and Spring Semester coursework.

**Freshman Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
ART 1010	3	ART 1020	3
ART 1040	3	ART 1050	3
ENGL 1010	3	ART 1070(Computer Literacy)	3
Mathematics core*	3	ENGL 1020	3
PHED/Band/ROTC*	1	Mathematics core*	3
Health and Human Development core*	2	PHED/ROTC*	1
	16		16

**Sophomore Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
ART 2010	3	ART 2020	3
ART: Introduction Studio	3	ART: Introduction Studio	3
ART: Introduction Studio	3	ART: Introduction Studio	3
Science core*	4	Science core*	4
ENGL 2030	2	ENGL 20xx*	2
	16		16

**Junior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
ART: upper division studio	3	ART: upper division studio	3
ART: upper division studio	3	ART: upper division studio	3
ART: upper division art history	3	ART: upper division art history	3
HIST 2010	3	HIST 2020	3
Social Science core*	3	Social Science core*	3
	15		15

**Senior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
Upper division non-art elective	3	ART 4150	3
ART: upper division studio	3	ART: upper division studio	3
ART: upper division studio	3	ART: upper division studio	3
Humanities core*	3	ART: upper division studio	3
	12	Humanities core*	3
			15

**Ninth Semester**

<i>Fall</i>	<i>Cr.</i>
ART 4160	4
ART: upper division studio	3
ART: upper division studio	3
COMM 1010	3
	13

\*Refer to Liberal Arts core requirements

**MINORS IN ART**

**Studio Art Minor (18 hours):** 1010, 1020, and 12 hours of approved Art electives.

**Art History Minor (18 hours):** 1030, 2010, 2020, 3200, 3220; and select one from: 3230, 3240, 324x, or 3270.

**Photography Minor (18 hours):** 2090, 3240, 3590, 4190, and six hours approved Art electives.

**Graphic Design Minor (18 hours):** 1010, 1070, 2320, 3270, and six hours approved Art electives.

**BIOLOGY*****College of Science and Mathematics***

Belcher (Chair), Baskauf, Bath, Burton, Chester, Dailey, Finley, Gould, Hamilton, Lebkuecher, Lundin-Schiller, Mayo, R. McCoy, Noel, O'Drobinak, Robison, Schiller, Scott, Snyder, C. Taylor, J. Thompson.

**MAJOR:** 1010, 3050, 3060, 3070, 4080, 4130, 4440, 4110 or 4120 and four hours from 3000-4999 level courses. Required Related Courses: eight hours of General Chemistry (CHEM 1110 and 1120). A minor is required.

**DISTRIBUTIVE MAJOR:** 1010, 3050, 3060, 3070: four hours from each of the following series; (4050, 4080, 4350), (4110, 4120, 4440), (3330, 4130). Required Related Courses: eight hours of General Chemistry (CHEM 1110 and 1120); any two from the following three options (PHYS 2010 and 2020), (GEOL 1040 and 1050), (eight hours of lab based 3000-4999 level CHEM).

**TEACHING MAJOR:** (This major may only be applied to licensure for grades 7 - 12, and must be accompanied by the Professional Education Minor): Student Teaching must be completed before licensure, but may be taken post-graduation. BIOL 1010, 1020, 3060, 3070, 4080, 4440, 4400 (3 semester hours), and one course from each of the following series: (4110, 4120); (3050, 3330, 4130). Required related courses: 24 hours of supplemental science attained by completing selections from the following three series: 8 hours chemistry series: (CHEM 1010 and 1020 [Chemistry – Society and Environment] or CHEM 1110 and 1120 [General Chemistry]); 8 hours of physics: (PHYS/CHEM 1710 and one of the following: ASTR 1210 [Planetary Astronomy] or ASTR 1220 [Stellar Astronomy]); 8 hours Geology (GEOL 1040 [Physical Geology] and GEOL 1050 [Historical Geology]). Six hours of math including MATH 1110 (College Algebra) and either MATH 1530 (Statistics) [Recommended] or MATH 1120. MATH 1610 will not satisfy requirement.

**ADD-ON ENDORSEMENT:** Students who hold an undergraduate degree, Tennessee licensure, and are admitted to the university may complete the following program to obtain an endorsement to teach biology in Tennessee secondary schools. BIOL 3060, 3070, 4080, and one course selected from each of the following two series: (4110, 4120, 4440); (3050, 3330, 4130). Praxis II sub-test: Biology Content Knowledge Exam (Code 20231; minimum score of 146) is required.

**MINOR:** BIOL 1010, four hours from each of the following series: (3050, 3060, 3070), (4050, 4080, 4350), (4110, 4120, 4440), (3330, 4130). The minor must include four hours each from botany and zoology courses selected with advisor approval. Required Related Courses: eight hours of General Chemistry (CHEM 1110 and 1120).

**Note to Advanced Students:** Students who do not meet prerequisites for a course may not receive credit without a specific waiver by the department chair. Biology majors must take the Biology Majors Exam. Students with two years of high school biology or an ACT score of 26 or higher are encouraged to substitute four hours of 3000-4999 level biology for BIOL 1010.

## BUSINESS (B.B.A.)

### *College of Business*

Students majoring in Business will receive the Bachelor of Business Administration degree. Admission to the B.B.A. program is listed on page 106.

### BUSINESS REQUIREMENTS

1. **The University B.B.A. Liberal Arts Core:** .....52 hours  
 All concentrations must include MATH 1110, 1810, ECON 2010. All concentrations except Economics must include COMM 1010. General Business, Management and Marketing concentrations must include PSY 1210 or 2210. See pages 88-90 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 COLLEGE OF BUSINESS Core:** .....42 hours  
 ACCT 2010, 2020; BLAW 3300; DSCI 3410; ECON 2020; FIN 3010; MGT 3010, 4810; MKT 3010; MIS 1200, 4100; QM 2110, 3110; and select one from ACCT 3510, ECON 4610, MGT 4110, MKT 3410.

<b>4. ELECTIVE COURSES:</b> .....				4-16 hours
Accounting	4 hours	General Business	13 hours	
Economics	16 hours	Management	16 hours	
Finance	10 hours	Marketing	13 hours	
Total				128 hours

**5. OTHER REQUIREMENTS:**

- a. Fifty percent of required business courses must be taken at APSU;
- b. Minimum 52 hours of coursework must be taken outside the College of Business;
- c. Minimum 48 upper-division hours;
- d. Minimum 2.0 GPA in the following: cumulative GPA courses taken at APSU, courses in major, and courses in minor; and,
- e. A major comprehensive exam during the last semester of the senior year.

## ACCOUNTING

Baggett (Chair), Brennan, R. Clark, Fortner, Koch, Eichelberger, A. Henderson  
 Adjunct Faculty: Whisenant

### 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.

All students selecting the accounting concentration are required to complete:

	Hours
The University B.B.A. Liberal Arts core <sup>1</sup>	52
1. The College of Business core <sup>1</sup>	42
2. ACCT 3010, 3020, 3110, 3210, 3710, 4210, 4310, 4510, BLAW 3210, and three hours of accounting electives selected from ACCT 3100, 3410, 3510, 4220, 4320, 4610	30
3. Electives with three hours in a non-business or upper division ECON course	4
Total	128

<sup>1</sup> See Business Requirements

**CPA Exam Preparation:** 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
ACCT 3100, 3410, 3510, 4610, or BLAW 3220	3
ENGL 3200 or ENGL 3500	3
COMM 3320 or COMM 4020	3
Other electives	7
Total	22

**ACCOUNTING MINOR (21 hours):** ACCT 2010, 2020, 3010, 3020; six hours of accounting electives approved by the department chair of Accounting; and MIS 1200.



## BUSINESS LAW, ECONOMICS, DECISION SCIENCES, AND GENERAL BUSINESS

Meadows (Chair), Grimmitt, Kim, Langston, W. Rayburn, Shain

### ECONOMICS CONCENTRATION

The concentration in economics is recommended to the student interested in a career in many areas of business or government. It provides excellent undergraduate preparation for graduate study in law, business, and in other areas. No minor is required, but students are encouraged to complete another concentration in business or complete a related minor outside of business as appropriate to the curriculum selected. All students selecting the Economics concentration are required to complete:

	<b>Hours</b>
1. The University B.B.A. Liberal Arts core <sup>1</sup>	52
2. The College of Business core <sup>1</sup>	42
3. ECON 3010, 3020 or 3220, and four upper division elective courses in ECON	18
4. Electives	<u>16</u>
Total	128

<sup>1</sup> See Business Requirements

**ECONOMICS MINOR (18 hours):** ECON 2010, 2020, 3010, 3020, 3220, QM 2110, 3110 and three hours of upper division economics electives.

### GENERAL BUSINESS CONCENTRATION

The general business concentration is designed for students wanting a diversified rather than a specialized program in business. It offers significant flexibility in terms of instruction and breadth of opportunity. No minor is required of students completing this concentration. All students selecting the general business concentration are required to complete:

	<b>Hours</b>
1. The University B.B.A. Liberal Arts core <sup>1</sup>	52
2. The College of Business core <sup>1</sup>	42
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
4. Electives	<u>13</u>
Total	128

<sup>1</sup> See Business Requirements

**GENERAL BUSINESS MINOR (18 hours):** ACCT 2010; BLAW 3300; ECON 2010; MGT 3010; MKT 3010; FIN 3010, MGT 3610, or MKT 3210.

## FINANCE, MANAGEMENT AND MARKETING

Newport (Chair), S. J. Anderson, Phillips, Reagan (Dean), Richards, Taylor, and Volker

### 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.

All students selecting the finance concentration are required to complete:

	<b>Hours</b>
1. At least 52 hours outside of the College of Business including the University B.B.A. Liberal Arts core <sup>1</sup>	52
2. The College of Business core <sup>1</sup>	42

3. ACCT 3210; FIN 3310, 4010, 4210, 4310, 4400	18
4. Select two from: ACCT 3000, 3010, 3110, 3710; ECON 3020, 3210, 4000, 4610; MGT 3610, 4000; MKT 3110, 3310, 4000	6
5. Electives <sup>2</sup>	<u>10</u>
Total	128

<sup>1</sup> See Business Requirements

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

**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:

	<b>Hours</b>
1. The University B.B.A. Liberal Arts core <sup>1</sup>	52
2. The College of Business core <sup>1</sup>	39
3. MGT 3110, 3210, 4110, 3610	12
4. Select two from: ACCT 3000; ECON 3010, 3020, 4310; MGT 3610 DSCI 3510, 3530, 4410; MKT 3310, 3710	6
5. Electives <sup>2</sup>	<u>19</u>
Total	128

<sup>1</sup> See Business Requirements

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

**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:

	<b>Hours</b>
1. The University B.B.A. Liberal Arts core <sup>1</sup>	52
2. The College of Business core <sup>1</sup>	42
3. MKT 3210, 3510, 4310, 4450, 4800	15
4. Select two from: MKT 3110, 3310, 3410, 3710, 4150	6
5. Electives with three hours in a non-business or upper division economics course	<u>13</u>
Total	128

<sup>1</sup> See Business Requirements

**MARKETING MINOR (18 Hours):** ACCT 2010; ECON 2010; MKT 3010, 3210, 4310; and three hours from MKT 3110, 3310, 3410, 3510, 4000, 4150, 4450, 4800.

## **CHEMISTRY (B.S.)**

### *College of Science and Mathematics*

Foote (Chair), Brennan, Lafrenz, F. Matthews, R. Reed, R. Robertson

A degree in chemistry is suitable preparation for a variety of career choices, including immediate employment in the chemical or biochemical industries, graduate study in chemistry or biochemistry, and professional study in medicine, dentistry, and pharmacy. All majors must take a chemistry achievement test during their last semester prior to graduation. CHEM 3220 satisfies the University Computer Literacy requirement. NOTE: Credit toward graduation cannot be received for two courses in any of the following groups: (1000, 1010, 1110, 1710); (1020, 1120); or, (3500, 3510).

**CERTIFIED MAJOR:** Students who complete the following prescribed courses with the grade of “C” or better in each will be certified to the American Chemical Society (ACS) as having completed a course of study which is appropriate for a professional chemist and which has been approved by the ACS: 1110, 1120, 3210, 3220, 3440, 3510, 3520, 3610, 3620, 4000, 4310, 4940 (2 credits), 4990; and one of the following: 4240, 4320, 4440, 4540, 4550; MATH 1910, 1920; and PHYS 2110, 2120. The maximum number of transfer credits in chemistry is 16 hours from a community college or four-year college without an ACS approved program, or 32 hours from a four-year college with an ACS approved program.

**MAJOR:** (1110, 1120) or (1010, 1020, 1840); 3210; 3440; 3500 or 3510; 3610; 4000, complete any two sequences from (3210, 3220); (3440, 4440); (3510, 3520); (3610, 3620); (4310, 4320); three hours selected from 3220, 3520, 3620, 3840, 4240, 4310, 4360, 4370, 4440, 4540, 4550, 4740, 4940; and 4990. Five hours from MATH 1720, 1810, 1820, 1910, 1920; either (PHYS 2010 and 2020) or (PHYS 2110 and 2120). Transfer students are required to complete two semesters of resident chemistry courses. Chemistry majors should complete physical chemistry no later than the third year.

**TEACHING MAJOR:** (This program satisfies Tennessee guidelines for teaching). Required courses in chemistry are: (1110, 1120) or (1010, 1020, 1840); 3210; 3440; 3500 or 3510; 3610; 4300 or 4310; and 4400; PHYS (1010, 1020), (2010, 2020) or (2110, 2120); BIOL 1010, 1020; GEOL 1040, 1050; and MATH 1810 or 1910; and the Professional Education minor. All science courses must include laboratories. Student Teaching is required for licensure. This major permits one to be licensed to teach chemistry and general science. An additional science endorsement may be obtained with advisor approval.

**MINOR (22 hours):** (1110, 1120) or (1010, 1020, 1840); eight hours selected from: (3210, 3220), (3440, 4440), (3510, 3520), (3610, 3620); and four additional hours of chemistry.

## **CLASSICAL CIVILIZATION MINOR (23-25 Hours):**

### **Department of Languages and Literature**

### *College of Arts and Letters*

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

## **CLASSICAL LANGUAGES MINOR (21-23 Hours):**

**Department of Languages and Literature**  
**College of Arts and Letters**

- A. GREK 2010, 2020, 3300, and 4110; PHIL 3100 or ENGL 340D; and select two from LATN 1010, 1020, 2010, 2020, 3300 or 4110;  
or  
B. LATN 2010, 2020, 3300, and 4110; PHIL 3100 or ENGL 340D; and select two from GREK 1010, 1020, 2010, 2020, 3300, and 4110.

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

**Department of Communication and Theatre**  
**College of Arts and Letters**

M. Gotcher (Chair), Boyd, Dyer, Filippo, S. Gotcher, Jones, E. Kanervo, Moseley, Pallen, Parcels, Prather, von Palko, Wesner, and Zhang

**COMMUNICATION ARTS MAJOR:** Four concentrations are available to students under the Communication Arts major. Students are offered a wide array of courses leading to successful careers in Broadcast Media, Corporate Communication, Media Technologies, Print and Web Journalism, Public Relations and Theatre (Design or Performance). All students majoring in the department must complete the following courses in the general education core: COMM 1010 or HUM 1010, COMM 1030 and THEA 3000. A departmental capstone course, COMM 4010, Communication Theory, is required of all majors and minors.

**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.

#### **Corporate Communication (36 Hours)**

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

Requirements: COMM 1200, 1400, 3010, 3400, 4010, 4020, 4650; select 15 hours from: BLAW 3210, COMM 2000, 2100, 2310, 2400, 2500, 309B, 3100, 3310, 3320, 3450, 3760, 3800, 4100, 4150, 4200, 4250, 4600, 4850, 490ABC, MKT 4450.

#### **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, 4010, 4100, 4150, 4200, 4650; select three hours from: COMM 309C, 4400, 4450, 4600, 470ABC, 480ABC, and 490ABC.

NOTE: Students choosing this sequence must also take three hours from PSCI 2010, 2040 or 2070 as part of their General Education Core.

### **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, 3760, 3950, 4010, 4100, 4650; select 15 hours from: COMM 2400, 309D, 3450, 3600, 3800, 3900, 4150, 4200, 4250, 4310, 4600, 4850, 4960, 4970; THEA 1300, 2300, 3350, 335L, 3700, 4300, 4650.

### **PUBLIC RELATIONS CONCENTRATION (36 Hours)**

Public Relations majors are prepared for careers in agencies, corporations, political campaigns, and in a variety of organizational communication settings.

Requirements: COMM 1200, 1400, 2000, 3100, 3400, 3450, 4010, 4150, 4650, 4910; and select six hours from BLAW 3210; COMM 2310, 3010, 309E, 3400, 4020, 4100, 4350, 4600, 480ABC, 4850, 490ABC, ENGL 3200, 3500, 4200; MKT 3010, 3510 and PSCI 4130.

### **THEATRE EDUCATION CONCENTRATION**

Select a specialization from:

#### **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.

#### **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, 4100, 4310, 4550, 4760, and 4960; THEA 2010. Students seeking licensure in communication must complete the Professional Education minor. Student teaching is required. Note: Students seeking this specialization must take COMM 1030 as part of the General Education core.

#### **Interdisciplinary Specialization in Communication and Theatre (54 hours)**

Requirements: COMM 1200, 2000, 2030, 2100, 2310, 3320, 3350, 3600, 3760, 4010; THEA 1300, 1600, 2010, 3010, 3020, 3400, 3450; select three upper division hours in COMM or THEA. Students seeking licensure must complete the Professional Education minor. Student teaching is required. Note: Students seeking this specialization must take COMM 1030 as part of the General Education core.

### **THEATRE 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.

#### **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.

**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)**

Requirements: COMM 1200, 2000, 3200, 4150, 4650; select nine hours from: COMM 1400, 300ABC, 3100, 3400, 4400, 4450, 4600, 490ABC, ART 3141; LING 4040.

**COMPUTER SCIENCE AND INFORMATION SYSTEMS (B.S.)**

**Department of Mathematics and Computer Science**

**College of Science and Mathematics**

L. McQueen (Chair), Adams, Bateman, Myers, Smithfield, Vandergriff

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.

**MAJOR WITH COMPUTER SCIENCE CONCENTRATION:**

1010, 2010, 3110, 3250, 3400, 3410, 4100, 4230, 4800; select one from: 2060, 2070, or 2080; select one from: 3500, 4350, 4400, 4450, 4500, 4550, 4600, or 4700. Prerequisites and/or corequisites not otherwise included in number of hours for this program: MATH 1910, 1920, 3000, 3450, 4670.

**MAJOR WITH INFORMATION SYSTEMS CONCENTRATION:**

1010, 2010, 2060, 3020, 3320, 3400, 3700, 4100, 4400, 4800; MATH 1530; select one from MATH 1810-1820 or MATH 1910-1920; select one from AOM 2300, ENGL 1100. Minor in general business is suggested.

**SUGGESTED PROGRAM OF STUDY**

Listed below is a possible schedule of courses for a major in Computer Science with a Mathematics minor. Through proper choice of electives, it could include a Mathematics major or a minor in another area. Each student should consult with an advisor when preparing a schedule.

**Freshman Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
CSCI 1010	3	CSCI 2010	3
MATH 1910	5	MATH 1920	5
ENGL 1010	3	ENGL 1020	3
Science core*	4	Science core*	4
PHED, Band, or ROTC	<u>1</u>	PHED or ROTC	<u>1</u>
	16		16

**Sophomore Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
CSCI 2080	3	CSCI 3110	3
MATH 2110	3	MATH 3000	3
Health and Personal Development core *	3	HIST 2020	3
HIST 2010	3	Art/Music/Theatre*	3
Art/Music/Theatre*	3	Communications core*	3
ENGL 2030	3	ENGL 20xx level course	<u>3</u>
	18		18

**Junior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
CSCI 3400	3	CSCI 3410	3
CSCI 4100	3	CSCI 3250	3
Social Science core*	3	MATH 3450	3
Electives	<u>6</u>	Social Science core*	3
	15	Electives	<u>3</u>
			15

**Senior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
CSCI 4230	3	CSCI Elective	3
MATH 4670	3	Electives	<u>12</u>
Electives	<u>9</u>		15
	15		

\*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 corequisites not otherwise included in number of hours for this program: MATH 1110-1120, 1720, 1810, or 1910.

**CRIMINAL JUSTICE CONCENTRATION**

See Public Management, page 187

**DEVELOPMENTAL STUDIES PROGRAM*****College of Arts and Letters***

A. Christian (Director), D.A. Cochener, M. Gildrie, Griffy, Haralson, Hodge, N. Matthews, Perdew, J. Randall, Preston-Sabin, Sanders, Warner

Counselor: D. Jackson

Adjunct Faculty: J. Brown, Dowlen, V. Ellis, Ferrell, Glenn, Gracey, Greene, Heineman, Horn, Kirby, R. Lewis, Newman, Rey, Schmidt, Smith, Swiec, Unkel, Warren, Webb, Welker, Yates

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 awarding college credit generate three credit hours for each semester, but they do not apply toward minimum requirements for graduation, Honors, or Dean's List.

ACT scores, ACT profile, high school grades, and the university assessment tests are used to determine a student's needs (see page 32 for admission policy regarding assessment). Certain entering students will be required to take developmental studies courses based on the results of the placement tests.

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

**NOTE:** Students must take the state-mandated placement test before registering for Developmental Studies courses.

**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. The names of students missing three MWF or two TTH classes will be submitted to the program director for review.
4. Grades assigned in remedial and developmental course are: "A", "B", "C", "F", "FA", "FN", "W".
5. Students enrolled in any remedial or developmental course must be advised by an advisor designated by the Developmental Studies Program.

## ECONOMICS CONCENTRATION

See Business, page 118

## SCHOOL OF EDUCATION

### *College of Professional Programs and Social Sciences*

Groseclose (Chair), Christian, Deitrich, Gold, Gore, Flynt, Hardin, Harris, Hayes, Henderson, Hunter, Lowrance, D.D. Luck, Masden, McMahan, Nadeau, Richards, Simms, Wall, Williams

## 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 85
Bachelor of Science core	.....page 88
Bachelor of Fine Arts core	.....page 91

Interdisciplinary Studies majors and Special Education majors must consult their advisor for specific Liberal Arts core courses that meet elementary education licensure requirements. Students earning licensure in areas other than Interdisciplinary Studies or Special Education should follow the core of their major.

## ACADEMIC MAJOR

The student should follow the major or the teaching major in the academic department as listed in the BULLETIN. Students should consult both their academic and education advisors and meet admission to teacher education requirements on page 107.

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

## PREPARATION FOR ELEMENTARY SCHOOL TEACHERS (TO TEACH GRADES K-8 OR 5-8) & SPECIAL EDUCATION (K-12)

This curriculum is designed for but not limited to students who are preparing to teach the elementary grades. For those seeking licensure, the program consists of a Liberal Arts core, a major in Interdisciplinary Studies and a minor in Professional Education, and Student Teaching. Praxis II performance of program completers in teacher education at Austin Peay continue to perform at a high level. In the 1999-2000 Title II assessment year, Austin Peay teacher candidates ranked in the second quartile of the state wide comparison.

## LIBERAL ARTS CORE FOR INTERDISCIPLINARY STUDIES AND SPECIAL EDUCATION MAJORS (65 Hours)

### Communication-9 hours

ENGL	1010	English Composition	.....3
ENGL	1020	English Composition	.....3
COMM	1010	Fundamentals of Public Speaking	.....3

### Humanities-15 hours

ENGL	2030	Traditions in World Literature	.....3
PHIL	1030 or 2410	Introduction to Philosophy or Educational Ethics	.....3

ENGL	3420 or RDG 4050	Adolescent Literature or Children's Literature	3
ART	1030	Art Appreciation	3
MUS	1030	Music Appreciation	3

**Social Science-15 hours**

GEOG	1020	Geography	3
HIST	2010, 2020, or 2030	(American History I, II, or History of Tennessee)	6
PSCI	2010	American National Government	3
HIST	1210	World History I	3

(NOTE: Special Education students may choose PSCI 2010 or HIST 1210)

**Mathematics-6 hours**

MATH	1410-1420	Structure of Mathematical System	6
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**Science-12 hours**

BIOL	1010 or 1020	General Biology	4
CHEM	1710, GEOL 1040, or PHYS 1710	(Physical Science)	4
SCI	3020	Life/Physical Science	4

**Health and Personal Development-8 hours**

HHP	1260	Personal Health	3
PHED Activity			2
HHP	3190	Rhythms, Plays, and Games	3

Total 65

**INTERDISCIPLINARY STUDIES MAJOR (33 Hours)**

**Elementary Education K-8 Licensure**

Licensure students electing this program will be licensed to teach grades K-8 in Tennessee. Specific curriculum requirements are available from the Department of Education.

EDUC	400S	Teaching Social Studies	3
EC	4130	Primary Methods and Curriculum	3
EDUC	4090	Middle School Methods and Curriculum	3
RDG	4020	Primary Language and Literacy	3
RDG	4030	Middle School Language and Literacy Methods	3
MATH	4100	Mathematical Concepts Development	3
MATH	4200	Mathematics Content and Pedagogy for Middle School	3
Select one of the listed Cognate Areas for Interdisciplinary Studies major			12
Courses taken to meet Liberal AS core requirement may not be counted as part of a cognate			TOTAL 33

**COGNATE AREAS FOR INTERDISCIPLINARY STUDIES K-8**

Cognate 12 hours (choose one area)

**Social Studies**

HIST	1220	World History II (3) or
HIST	2020	American History II (3)
SOC	2010	Intro to Sociology (3)
PSCI	2070	International Policy (3)
ECON	2010	Principles of Economics I (3)
GEOG	3110	US & Canada (3)

**Language Arts**

ENGL	2200	Intro to Creative Writing (3)
ENGL	3310	Survey of Short Fiction (3)
ENGL	3420	Adolescent Literature (3)
LING	4040	Structure and Dialects of American English (3)
RDG	4040	Content Reading (3)
RDG	4051	Process Writing (3)
ENG	2040	World Literature: Fiction (3)

**Mathematics**

- MATH 1110 College Algebra (3)
- MATH 1530 Elements of Statistics (3)
- MATH 1720 Trigonometry (3)
- MATH 1810 Elements of Calculus (3)
- MATH 4020 Geometry for Elementary School Teachers (3)
- MATH 4030 Problem Solving for Elementary School Teachers (3)

**Science**

- BIOL 1020 General Biology (4)
  - GEOL 1040 Physical Geology (4)
  - BIOL 3060 Animal Diversity (4)
  - SCI 3030 Life/Physical Science (4) \*
  - CHEM/PHYS1710 Intro to Chemistry/Physics (4)
- \*Required for science cognate if not taking as part of core

**INTERDISCIPLINARY MAJOR (36 Hours)**

**Middle Grades 5-8**

Students electing this program will be licensed to teach grades 5-8 in Tennessee. This program's emphasis is fifth grade through eighth grade.

EDUC 4090	Middle School Methods and Curriculum	3
RDG 4030	Middle School Language and Literacy Methods	3
MATH 4200	Mathematics Content and Pedagogy for Middle School	3
Select <b>two</b> of the listed Cognate Areas. Hours must be selected from two areas only and must include at least one upper division course. Courses taken to meet Liberal Arts core requirement may not be counted as part of a cognate		
COGNATE (choose two areas -12 hours in each one selected)		<u>24</u>
<b>TOTAL</b>		<b>33</b>

**COGNATE AREAS FOR INTERDISCIPLINARY STUDIES MAJOR (5-8)**

**Social Studies**

- HIST 1210 World History II (3) or
- HIST 2020 American History II (3)
- SOC 2010 Intro to Sociology (3)
- PSCI 2070 International Policy (3)
- ECON 2010 Principles of Economics I (3)
- GEOG 3110 US & Canada (3)
- EDUC 400S Teaching Social Studies (3)

**Language Arts**

- ENGL 2200 Intro to Creative Writing (3)
- ENGL 3310 Survey of Short Fiction (3)
- LING 4040 Structure and Dialects of American English (3)
- LING 4050 Grammar and Usage (3)
- RDG 4040 Content Reading (3)
- RDG 4050 Children Literature (3)
- RDG 4051 Process Writing (3)
- ENGL 2040 World Literature: Fiction (3)

**Mathematics**

- MATH 1110 College Algebra (3)
- MATH 1530 Elements of Statistics (3)
- MATH 1720 Trigonometry (3)
- MATH 1810 Elements of Calculus (3)
- MATH 4020 Geometry for Elementary School Teachers (3)
- MATH 4030 Problem Solving for Elementary School Teachers (3)

**Science**

- BIOL 1020 General Biology (4)
  - GEOL 1040 Physical Geology (4)
  - BIOL 3060 Animal Diversity (4)
  - SCI 3030 Life/Physical Science (4)
- \*CHEM/PHYS1710 Intro to Chemistry/Physics (4)  
\*Required for science cognate if not taking as part of core

**SPECIAL EDUCATION MAJOR**

The Special Education major requires the Professional Education minor for students who seek teacher licensure. If teacher licensure is not desired, another minor may be chosen..

SPED 3300	Characteristics of Mild/Moderate	3
SPED 3330	Characteristics of Severely Disabled	3
SPED 3340	Dev Consultative Skills: Parents and Professionals	3
SPED 3350	Diagnostic Assessment of Exceptional Students	3
SPED 4330	Behavior Management for Exceptional Students	3

SPED	4340	Teaching Mild/Moderate Disabled	3
SPED	4350	Teaching Severely/Multiple Disabled	3
SPED	4370	Career/Vocational Education	3
PSY	4140	Learning and Behavioral Disorders	4
MATH	4100	Mathematical concepts Development	3
EDUC	400S	Teaching Social Studies in the Elementary School	3
EC	4130	Primary Curr & Materials	3
RDG	4020	Primary Literacy and Language	3
RDG	4050	Literature for Children	3

## PROFESSIONAL EDUCATION MINOR (27 Hours)

This minor leads to licensure for students in the Interdisciplinary Studies majors and Secondary education majors. Completion of this minor along with successful completion of Student Teaching leads to licensure in teaching grades K-8, 5-8, 7-12, and K-12. Testing requirements and other prerequisites for provisional admission and full admission to Teacher Education will require consultation with an education advisor. For students not seeking licensure but a minor in Professional Education, contact the Department of Education.

EDUC	1000	Orientation to Education	1
EDUC	2100	Foundations to Education	2
EDUC	3040	Instructional Technology	3
EDUC	3070	Instructional Strategies	3
EDUC	4080	Classroom Management	3
EDUC	4160	Teaching Diversity	3
EDUC	4270	Evaluation and Assessment	3
PSY	3200	Adolescent Child (required for grades 5-8 and 7-12)	3
OR			
PSY	3110	Human Development Child (required for grades K-8)	3
SPED	3000	Atypical Child	3
PSY	3130	Education Psychology	3

## ADDITIONAL CERTIFICATION REQUIREMENTS/STUDENT TEACHING

All students seeking certification are required to complete 12 hours of student teaching at the appropriate level. Student teaching is taken concurrently with a 3 hour seminar course. Student Teaching may be completed before or after the B.S. degree is awarded. Students will see the Director of School Based Teaching Experiences for student teaching course numbers.

EDUC	4410	Student Teaching in Elementary School	6
EDUC	4510	Student Teaching in Middle School	6
EDUC	4511	Student Teaching in Middle School	12
EDUC	4610	Student Teaching in Secondary School	6
EDUC	4910	Seminar on Teaching	3

## ADDITIONAL TEACHING ENDORSEMENTS

### Process for Additional Endorsements

Students must hold an undergraduate degree, Tennessee teacher licensure, and be admitted prior to seeking an additional endorsement. Students will be required to complete a minimum of 12 credits at APSU.

1. Submit a copy of teacher certification to the Office of Teacher Licensure in Claxton 106.
2. Submit copies of all college transcripts to the Office of Teacher Licensure in Claxton 106.
3. The Office of Teacher Licensure will evaluate college transcripts toward the additional endorsement. If the transcript(s) indicates that some course work has not been completed, the Director of Teacher Education will decide which previous classes will be accepted or are equivalent.

4. Depending on teaching experience, a field experience in the additional endorsement area may be required. The Director of Teacher Education will make the decision on additional teaching experience.
5. Student will be required to take the PRAXIS II Specialty Exam(s) and meet minimum score requirements when the course work is completed, and submit the scores to the Office of Teacher Licensure in Claxton 106.

Additional teaching endorsements are available in biology, chemistry, early childhood, earth science, elementary (K-8) middle school (5-8), economics, psychology, education, English, French and Spanish, health, history, mathematics, music, physical education, physics, political science, sociology, special education, and theatre. Consult the Office of Teacher Licensure in Claxton 106 for specific requirements.

### **NON-LICENSURE OPTION**

Students selecting the Interdisciplinary Studies major or Special Education major but not wishing to seek teacher licensure may select an approved University minor other than Professional Education Minor.

## **ENGINEERING TECHNOLOGY (B.S.)**

### ***School of Technology and Public Management***

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

The four year Bachelor of Science degree program in Engineering Technology prepares graduates for careers transforming engineering concepts into reality through practical applications of technology. This requires knowledge of engineering and scientific principles, a practical understanding of manufacturing processes, materials, machinery, and electronics, written, oral, and graphic communication skills, and hands-on training. This program is closely related to training for engineers, but place greater emphasis on practical aspects and hands-on experiences.

We offer concentrations in manufacturing, electronics, and robotics. The combination of our technological major and Austin Peay's liberal arts core is a unique strength of our program. The core helps students develop communication skills, critical thinking abilities, and values for responsible living.

From our facilities at the APSU Center @ Fort Campbell, we offer courses for both main campus and Fort Campbell students. We offer both daytime and evening courses to accommodate students who work while attending Austin Peay. We encourage students to take internships or other job opportunities in industry so that they can get practical experience while completing their degrees.

In addition to the Bachelors degree program in Engineering Technology, we offer an Associates degree program at Fort Campbell in Electronics Technology; Automotive and Construction programs are also available. We also offer a minor in Engineering Technology. This is strongly recommended for students in business, technical writing, and other areas where graduates may join technological enterprises.

Following is a program of study; students should use this as a guide and should consult with their major advisor when selecting courses. A minor is not required with this distributive major. For transfer students, the department chair and faculty will evaluate Engineering Technology transfer courses and will determine whether courses satisfy specific degree requirements or count as electives.

### **TYPICAL PROGRAM OF STUDY (ALL CONCENTRATIONS)**

- TOTAL CREDIT HOURS REQUIRED FOR DEGREE: 132-133 credit hours
- Program bases on Full Time Enrollment in Eight Week Terms at the APSU Center @ Fort Campbell.
- PHYS 2010/2021 and 2020/2021 are 5 credit hours total; P.E. courses are 1 credit hour each; all other courses are 3 credit hours

### **1st Year: 36 credit hours total; 9 credit hours per term**

Fall I	Fall II	Spring I	Spring II
ENGT 1000	ENGT 1010	ENGT 1020	CSCI 1010
MATH 1110	MATH 1720	MATH 1810	HIST 2010
ENGL 1010	ENGL 1020	COMM 1010	Health

**2nd Year: 33-34 credit hours; 8-9 credit hours per 8 week term**

Fall I	Fall II	Spring I	Spring II
ENGT 2000	ENGT 2010	ENGT 2020	MATH 1820
PHYS 2010	PHYS 2020	ENGT 2030	OR CHEM 1010 & 1011
PHYS 2011	PHYS 2021	Hum. - Arts	HIST 2020
			P.E. (2 courses)

**3rd Year: 36 credit hours; 9 credit hours per 8 week term**

Fall I	Fall II	Spring I	Spring II
ENGT 3000	ENGT 3020	ENGT 3040	Hum. - Letters
ENGT 3010	ENGT 3030	ENGT 3050	Soc. Science
ENG 2030	Soc. Science	ENGT Conc	Hum. - Arts

**4th Year: 27 credit hours; 9 credit hours per 8 week term**

Fall I	Fall II	Spring I
ENGT 4000	ENGT Conc	ENGT Conc
ENGT Conc	ENGT Conc	ENGT Conc
ENGT Conc	ENGT Conc	ENGT Conc

**NOTE FOR MAIN CAMPUS STUDENTS:**

Students should be able to complete their first two years primarily on the main campus. During the first two years, main campus students should complete math, science, and P.E. requirements, and should take 1000 and 2000 level ENGT courses at either campus. See your major advisor for more guidance.

**DEGREE REQUIREMENTS:**

1. B.S. core requirements (see page 88), including: MATH 1110, 1720, 1810; PHYS 2010/2011, 2020/2021, and COMM 1010. For Engineering Technology majors, completion of ENGT 1020 meets Computer Literacy requirements.
2. Engineering Technology core: 1000, 1010, 1020, 2000, 2010, 2020, 2030, 3000, 3010, 3020, 3030, 3040, 3050, and 4000.
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 (30-31 Hours)**

MATH 1820 (3 credit hours) **OR** CHEM 1010/1011 (4 credit hours); ENGT 4720 (3 credit hours); 12 credit hours of ENGT Electives; 12 credit hours of Concentration Electives.

- Concentration electives may be either ENGT courses or courses in other areas approved by the department; see department advisor for list of approved courses.
- Transfer credit that does not meet specific degree requirements may be used as electives with departmental approval. Courses may be chosen to emphasize design, construction, mechanical, technical writing, management, or environmental areas.
- Lower division credit may be used as concentration electives; students must still meet APSU requirements for upper division credits.

**ELECTRICAL CONCENTRATION (30 Hours)**

MATH 1820; ENGT 3200, 3210, 3220, 3230, 3240, 4150, 4200; Plus (2) elective courses from the following: ENGT 3100, 3800, 3250, 4120, 4220, 4850, or others with departmental approval

**ELECTRICAL CONCENTRATION WITH ROBOTICS EMPHASIS (30 Hours)**

MATH 1820; ENGT 3100, 3220, 3230, 3800, 4120, 4150, 4850; Plus (2) electives from the following: ENGT 3200,

3210, 3240, 3250, 4200, 4210, or others with departmental approval.

### **MANUFACTURING CONCENTRATION (31 Hours)**

CHEM 1010, 1011; ENGT 3610, 3800, 3810, 3850, 4720, 4810, 4850; Plus (2) elective courses from the following: ENGT 3100, 3650, 3660, 3710, 3830, 3840, 4610, 4800, 4860, 4870, or others with department approval.

### **MANUFACTURING CONCENTRATION WITH ROBOTICS EMPHASIS (31 Hours)**

CHEM 1010, 1011; ENGT 3100, 3220, 3230, 3800, 4120, 4150, 4850; Plus (2) electives from the following: ENGT 3610, 3650, 3660, 3810, 3840, 3850, 4800, 4810, or others with departmental approval.

### **ENGINEERING TECHNOLOGY MINOR (FOR NON-ENGT MAJORS) 21 Hours**

ENGT 1000, 1020, 2000, 2020, and 3010 (15 credit hours) and (2) ENGT courses (3 cr. hours each) as electives.

## **ENGLISH (B.A. OR B.S.)**

**Department of Languages and Literature**  
***College of Arts and Letters***

Calovini (Chair), Barnes, Bekus, Carrasco, Clemmer, Eaves, Eichhorn, Franks, Goldstone, Guest, Hancock, Hawkins, Kitterman, Magrans, McWilliams, Phy-Olsen, Ruiz-Aviles, Ryan, Schnell, Sorenson, Till, Wadia, Winters

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 the areas of Japanese and Linguistics.

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

English majors: nine hours of upper-division course work in English

English minors: six hours of upper-division course work in English

The English major, leading to the B.A. or B.S. degree, provides the foundation for a variety of careers. In addition to training students for positions that call primarily for language skills, the English major is a fine preparation for any work where the ability to think independently and creatively is valued. ENGL 1100 is required to fulfill the Computer Literacy requirement for English majors.

Licensure: For those planning academic careers in junior and senior high schools, the subject-matter courses required for licensure to teach in Tennessee secondary schools are necessary. The teaching major is open only to those preparing to teach at the secondary level. Students should plan their coursework in consultation with a faculty advisor assigned by the department.

### **ENGLISH MAJOR (33 Hours)**

3010, 3020, 3100, 3130, 3150; select one from 3200, 3210, 3220, 3500, 3510, 3600, 3700, 4200; select one from LING 4010, 4020, 4040, 4050; and four upper division English courses approved by the department. At least three of the four electives must be 3000 or 4000 - level literature courses excluding ENGL 3310, 3320, 3420, and 4400. One year of a foreign language at the college level and ENGL 1100 are also required.

### **TEACHING MAJOR (36 Hours)**

This program satisfies Tennessee guidelines for secondary school licensure. Required courses: 3010, 3020, 3100, 3130, 3150, 3420, 4400; RDG 4890; select two from: LING 4010, 4020, 4040, 4050; select one from 3200, 3500, 3600; upper-division literature elective approved by your advisor; and the Professional Education minor. One year of a foreign language at the college level and ENGL 1100 are also required. Student Teaching is required for licensure.

### **SUGGESTED PROGRAM OF STUDY**

Listed below is a possible schedule of courses for a Bachelor of Arts or Science degree with a major in English.



Actual schedules may differ. Each student should consult with an advisor when preparing a schedule.

### Freshman Year

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
ENGL 1010	3	ENGL 1020	3
HIST 2010	3	HIST 2020	3
MATH 1610	3	MATH 1620	3
Foreign Language 1010 or 2010	3-4	Foreign Language 1020 or 2020	3-4
HHP 1260	3	COMM 1010	3
PHED core*	<u>1</u>	PHED or ROTC	<u>1</u>
	16-17		16-17

### Sophomore Year

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
ENGL 2030	3	ENGL 2040-2080	3
Foreign Language 2010	3	Foreign Language 2020	3
HIST 1210	3	ART 1030	3
MUS 1030	3	ENGL 1100	3
Science core*	<u>4</u>	Science core*	<u>4</u>
	16		16

### Junior Year

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
ENGL 3010	3	ENGL 3020	3
ENGL 3100	3	ENGL 3130	3
PSCI 2070	3	ENGL 3200	3
English elective	3	Course in Minor	3
Courses in Minor	<u>6</u>	Elective	<u>3</u>
	18		15

### Senior Year

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
ENGL 3150	3	LING 4010	3
English Elective	3	English Electives	9
Courses in Minor	6	Course in Minor	<u>3</u>
Elective	<u>3</u>		15
	15		

\*Refer to Liberal Arts core requirements.

### CREATIVE WRITING MINOR (18 Hours)

ENGL 2200; select five from ENGL 3200, 3210, 3220, 3310, 3320, 4200, 4210, 4220, 4900, 4950; 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; one course from another writing minor. Courses taken for this minor may not be applied towards the English major.

## **ENVIRONMENTAL GEOGRAPHY (B.S.)**

**Department of Geology and Geography**  
**College of Science and Mathematics**

**MAJOR CORE (42 OR 43 Hours):** CHEM 1110; GEOG 1010, 3060, 3150, 3200, 3980, 4000, 4010; GEOL 1040; GEOG 1020 or 1030, 3110, 3250 or 3910, and 3950 or 3960.

### **DISTRIBUTIVE MAJOR: ENVIRONMENTAL GEOGRAPHY (60-65 Hours)**

Major Core plus one specialization selected from Environmental Hazards, Biogeography, Soils and Water Management or Spatial Analysis. No minor is required.

**BIOGEOGRAPHY CONCENTRATION (18 TO 20 Hours):** BIOL 3060, 3070, 4080; select two from AGRI 2210, 4420; BIOL 4350, GEOG 3230, 3970

**ENVIRONMENTAL HAZARDS CONCENTRATION (19 TO 20 Hours):** GEOG 3230, 3930, 3940; GEOL 3030; select two from ENGT 3720, GEOL 3010, 4050, HHP 2050, 4070, PM 3200, PSCI 2040, PSY 2210

**SOILS AND WATER MANAGEMENT CONCENTRATION (20 TO 22 Hours):** AGRI 2210, 3230; GEOG 3970; GEOL 4050; select two from AGRI 3220, 4210; ENGT 3720; GEOG 3230; GEOL 3030

**SPATIAL ANALYSIS CONCENTRATION (21 Hours):** GEOG 3250 or GEOG 3910; GEOG 3920; GEOG 4250 or GEOG 4300; select two from MATH 1810, 1820, CSCI 1010, 2010; select two from: GEOG 3970, 4160; MATH 4450, or upper division Mathematics or Computer Science.

## **ETHICAL STUDIES MINOR (18 Hours)**

**Department of History and Philosophy**  
**College of Arts and Letters**

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 118

## **FOREIGN LANGUAGES (B.A.)**

**Department of Languages and Literature**  
**College of Arts and Letters**

### **FOREIGN LANGUAGE MAJOR: CLASSICS SPECIALIZATION (36 Hours)**

GREK 2010, 2020, LATN 2010, 2020; select three from GREK 4110, 4120; LATN 4110, 4120. Select five from ART 2010; ENGL 340D; GREK 1110, 3300, 3400, 4110, 4120; HIST 3300, 3310; HON 2010; LATN 3300, 4110, 4120; PHIL 3100

### **FOREIGN LANGUAGE MAJOR: GREEK SPECIALIZATION (33-35 Hours)**

GREK 2010, 2020, 3300, 4110, 4120; ENGL 340D; HIST 3300; select two from LATN 1010, 1020, 2010, 2020; FREN 1010, 1020, 2010, 2020; GERM 1010, 1020, 2010, 2020; SPAN 1010, 1020, 2010, 2020; select two from ART 2010, GREK 1110, GREK 3400, HIST 3310, HON 2010, LATN 2010, 2020, PHIL 3100.

### **FOREIGN LANGUAGE MAJOR: LATIN SPECIALIZATION (33-35 Hours)**

LATN 2010, 2020, 3300, 4110, 4120, ENGL 340D, HIST 3310; Select two from GREK 1010, 1020, 2010, 2020; FREN 1010, 1020, 2010, 2020; GERM 1010, 1020, 2010, 2020; SPAN 1010, 1020, 2010, 2020; Select two from ART 2010, GREK 2010, 2020, 3400; HIST 3300; HON 2010; PHIL 3100

### **FOREIGN LANGUAGE MAJOR: FRENCH SPECIALIZATION (30-32 Hours):**

FREN 2010, 2020, 3210, 3220, 3310, 3320, 4510, 4520; select two from Spanish, German, Latin: SPAN 1010, 1020, 2010, 2020; GERM 1010, 1020, 2010, 2020; LATN 1010, 1020, 2010, 2020

### **FOREIGN LANGUAGE MAJOR: FRENCH AND GERMAN SPECIALIZATION (36 Hours):**

FREN 2010, 2020, 3210, 3220, 3310, 3320; GERM 2010, 2020, 3210, 3220, 4510, 4520

### **FOREIGN LANGUAGE MAJOR: FRENCH AND SPANISH SPECIALIZATION (36 Hours):**

FREN 2010, 2020, 3210, 3220, 3310, 3320; SPAN 2010, 2020, 3210, 3220; and either 3510 and 3520, or 3610 and 3620

### **FOREIGN LANGUAGE MAJOR: GERMAN AND SPANISH SPECIALIZATION (36 Hours):**

GERM 2010, 2020, 3210, 3220, 4510, 4520; SPAN 2010, 2020, 3210, 3220; and either 3510 and 3520, or 3610 and 3620

### **FOREIGN LANGUAGE MAJOR: SPANISH SPECIALIZATION (30-32 Hours):**

SPAN 2010, 2020, 3210, 3220; and either 3510, 3520, 4510, 4520, or 3610, 3620, 4610, 4620; select two from French, German, Greek, Latin: FREN 1010, 1020, 2010, 2020; GERM 1010, 1020, 2010, 2020; GREK 1010, 1020, 2010, 2020; LATN 1010, 1020, 2010, 2020

### **FOREIGN LANGUAGE MAJOR: GERMAN SPECIALIZATION (30-32 Hours):**

GERM 2010, 2020, 3210, 3220, 3510, 3520, 4510, 4520; select two from Spanish, French, Latin; SPAN 1010, 1020, 2010, 2020; FREN 1010, 1020, 2010, 2020; LATN 1010, 1020, 2010, 2020

Students seeking licensure, 7-12 for teaching in Tennessee must also take LING 4400 and one study abroad course from SPAN 304A or 304B for Spanish licensure or FREN 3040 for French licensure. Student must also complete the Professional Education minor and Student Teaching. Licensure is available in French, Latin, Spanish, and French and Spanish. 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.

## **FRENCH MINOR (18 Hours)**

**Department of Languages and Literature**  
*College of Arts and Letters*

FREN 2010, 2020, 3210, 3220, 3310, 3320

Transfer students must earn at least six hours in French at APSU.

## **GENERAL BUSINESS CONCENTRATION**

See Business, page 118

## **GEOGRAPHY**

**Department of Geology and Geography**  
*College of Science and Mathematics*

**GEOGRAPHY MINOR (18 Hours):** 1010, 1020, 1030, and nine hours of upper division geography courses selected with an advisor's approval.

### **DISTRIBUTIVE MAJOR IN PUBLIC MANAGEMENT WITH A CONCENTRATION IN GEOGRAPHY/GEOLOGY:**

See Public Management, page 187

### **ENVIRONMENTAL GEOGRAPHY MAJOR**

See Environmental Geography page 133

## **GEOLOGY (B.S.)**

**Department of Geology and Geography**  
*College of Science and Mathematics*

Kemmerly (Chair), Andronikov, Bhatia, Camilleri, Deibert, Frederick, Ridenour, Sirk  
Adjunct Faculty: Dunagan, Ferguson, Sadler, Tedford

**DISTRIBUTIVE MAJOR (59-62 Hours):** This major permits the student to be licensed by the State of Tennessee in Geology. 1040, 1050, 3000, 3100, 3500, 3600, 4050, 4910; select one from: 3010, 3030, 3060, 3680, 4100, 4250, 4450, 450x, 4990; CHEM 1110, 1120; MATH 1720, 1910; and eight hours from BIOL 1010, 1020, or PHYS 2010, 2020, 2110, 2120. No minor is required.

**TEACHING MAJOR (67-70 Hours):** This program satisfies Tennessee guidelines for teaching.

GEOL 1040, 1050, 3100; GEOG 3150, 3200, 3230; select three from: GEOL 3000, 3500, 3600, 4050, 4910; CHEM 1110, 1120; PHYS 1010 or 2010, 1210; BIOL 1010, 1020; MATH 1810 or 1910; and the Professional Education minor. Student Teaching is required for licensure.

All students completing a major in geology must take the Senior Exit Exam and geology exit exams during the last semester of study at the University.

**MINOR (18 HOURS):** 1040, 1050, and ten hours of advanced geology courses selected with an advisor's approval.

## **GERMAN MINOR (18 Hours)**

**Department of Languages and Literature**  
*College of Arts and Letters*

GERM 2010, 2020, 3210, 3220, 4510, 4520.

Transfer students must earn at least six hours in German at APSU.

**GREEK MINOR (21-23 Hours):**

**Department of Languages and Literature**  
**College of Arts and Letters**

- 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.

**HEALTH AND HUMAN PERFORMANCE (B.S.)**

**College of Professional Programs and Social Sciences**

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

The Department of Health and Human Performance offers majors in Health, and Health and Human Performance. Specializations are offered in health, health care management, wellness promotion, K-12 Health and Physical Education licensure, and Health licensure. A minor is available in Health and Human Performance.

All students completing a major in Health and Human Performance must take the Senior Exit Exam and the departmental HHP exit exam during the last semester of study at the University.

**HEALTH DISTRIBUTIVE MAJOR: Wellness Promotion Specialization**

1210, 2000, 2050, 3000, 3300, 4000, 4050, 4060, 4070, 4150, 4210, 4220, 4250, 4300, 4990; PHED 1190, 1210, 1310; ACCT 2010; ENGL 1100, MKT 3010; PHIL 2300; and elective hours. No minor is required.

**HEALTH TEACHING MAJOR (GRADES K-12)**

1210, 1260, 2000, 2050, 3100, 3110, 3300, 4060, 4070, 4150, 4300, 4400, and the Professional Education minor. Student Teaching is required for licensure in health. HHP 3010 and HHP 4210 may substitute for SPED 3000 and EDUC 4270 respectively. Elective hours.

**HEALTH AND HUMAN PERFORMANCE (NON-TEACHING) MAJOR**

1210, 1260, 2000, 2240, 3010, 3110, 3120, 3150, 3190, 3300, 4070, 4110, 4200, 4210, 4220, 4240, 4250. Elective hours.

**HEALTH AND HUMAN PERFORMANCE MAJOR: HEALTH SPECIALIZATION**

1210, 2000, 2050, 3000, 4000, 4060, 4070, 4600, and 4990. Elective hours. A minor is required.

**HEALTH AND HUMAN PERFORMANCE DISTRIBUTIVE MAJOR: HEALTH CARE MANAGEMENT SPECIALIZATION**

1210, 2000, 2050, 3000, 4000, 4060, 4070, 4500, 4600, 4990; ACCT 2010; MGT 3210; MKT 3010; PHIL 2300; PSY 2010, 4060, 4500; SOC 3700. Elective hours.

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

1210, 1260, 2000, 2050, 2240, 3010, 3100, 3110, 3120, 3150, 3210, 3300, 4060, 4070, 4110, 4150, 4200, 4210, 4220, 4240, 4250, 4300, 4400, and the Professional Education minor. Student Teaching is required for licensure. This major permits the student to be licensed by the State of Tennessee in health and physical education (K-12).

**DISTRIBUTIVE MAJOR IN PUBLIC MANAGEMENT WITH A CONCENTRATION IN HEALTH AND HUMAN PERFORMANCE (RECREATION)**

See Public Management, page 187

**HEALTH MINOR (18 Hours)**

1210, 1260, 2050, and nine hours from HHP courses (see advisor).

**HEALTH AND HUMAN PERFORMANCE ADD-ON ENDORSEMENT**

If the candidate has received teaching licensure in Tennessee, the completion of the following **Add-on Health Teaching Endorsement** and the Praxis II exam (code-10550; minimum score of 510) are required.

**HEALTH**

HHP 1210	Principles of Nutrition . . . . .	3 hours
HHP 1260	Personal Health . . . . .	3 hours
HHP 2000	First Aid, CPR, & Safety . . . . .	3 hours
HHP 3100	School Health . . . . .	3 hours
HHP 3110	Substance Use & Abuse . . . . .	3 hours
HHP 4060	Consumer Health . . . . .	3 hours
HHP 4070	Intro to Disease . . . . .	3 hours
HHP 4400	Teaching Health & Physical Education . . . . .	3 hours

**Student Teaching may be required.**

**PHYSICAL EDUCATION**

If the candidate has received teaching licensure in Tennessee, the completion of the following **Add-on Health Teaching Endorsement** and the Praxis II Physical Education Exams (code-10091; minimum score of 152, code 30092; minimum score of 148) are required.

HHP 2000	First Aid, CPR, & Safety . . . . .	3 hours
HHP 2240	Intro to Physical Education . . . . .	3 hours
HHP 3150	Teaching Indiv., Dual & Teams . . . . .	3 hours
HHP 3210	Methods & Materials . . . . .	3 hours
HHP 4110	Dance Theory & Tech., K-12 . . . . .	3 hours
HHP 4150	Fitness Assessment & Excer. Prsc. . . . .	3 hours
HHP 4220	Analysis of Movement . . . . .	3 hours
HHP 4400	Teaching Health & Physical Education . . . . .	3 hours

**Student Teaching may be required.**

**PHYSICAL EDUCATION MINOR**

See Physical Education, page 162

**HISTORY (B.A. OR B.S.)**

**Department of History and Philosophy**

**College of Arts and Letters**

Browder (Chair), Butts, Cross, Dixon, R. Gildrie, Hughes, Muir, Pesely, Wallace, Winn, Zieren.

**MAJOR (33 Hours):** 1210, 1220, 2010, 2020 with the remaining 21 semester hours to be selected from upper division courses so that at least six hours are earned in U.S. History, six hours in non-U.S. History, and three in 4900. HIST 4400 is excluded from the major. Completion of a major test during the senior year is required.

**TEACHER MAJOR (54 Hours):** Distributed over at least two fields, with emphasis on history leading to licensure in at least one additional field selected from political science, economics, and geography. Students in this major must complete the Professional Education minor. Student Teaching is required for licensure. HIST (33 hours): 1210, 1220, 2010, 2020 with the remaining 21 hours to be selected from upper division courses (4400 excluded) with at least six hours earned in U.S. History, six hours in non-U.S. History, 4900. Social Studies (15 hours): ECON 2010; GEOG 1020, 1030; PSCI 2010; SOC 2010. History major test during senior year is required. Select at least one field of emphasis for licensure:

PSCI (12 hours): 2010, 2040, three upper division hours, and select one from 2070, 3040, 3110, 3350.

ECON (12 hours): 2020 and nine hours upper division economics.

GEOG (13 hours): 1020 or 1030, GEOL 1050, and six hours upper division geography. Recommended: GEOG 3110 and 3150.

Students may obtain additional licensure with a minimum of 12 hours in approved courses; to include the fields of psychology and sociology.

### SUGGESTED PROGRAM OF STUDY

Listed below is a possible schedule of courses for a bachelor of arts degree with a major in history. Actual schedules may differ. Students should consult with their academic advisors when preparing their schedules.

#### Freshman Year

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
HIST 2010	3	HIST 2020	3
ENGL 1010	3	ENGL 1020	3
MATH 1610	3	MATH 1620	3
Foreign Language 1010	4	Foreign Language 1020	4
HHP 1260	3	ART 1030	3
PHED, Band, or ROTC	<u>1</u>	PHED or ROTC	<u>1</u>
	17		17

#### Sophomore Year

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
HIST 1210	3	HIST 1220	3
ENGL 2030	3	ENGL 20xx*	3
Foreign Language 2010	3	Foreign Language 2020	3
MUS 1030	3	THEA 1030	3
Science core*	<u>4</u>	Science core*	<u>4</u>
	16		16

#### Junior Year

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
U.S. History Elective	3	U.S. History Elective	3
Non-U.S. History elective	3	Non-U.S. History elective	3
PHIL 1030	3	Courses in Minor (2)	6
Courses in Minor (2)	6	Elective	<u>2</u>
Elective	<u>3</u>		15
	18		

#### Senior Year

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
History Elective	3	HIST 4900	3
History Elective	3	Course in Minor	3
Course in Minor	3	Electives	<u>9</u>
Electives	<u>6</u>		15
	15		

\* Refer to Liberal Arts core requirements.

**MINOR (21 Hours):** 1210, 1220, 2010, 2020, with the remaining nine hours elected from upper division courses, excluding 440

### DISTRIBUTIVE MAJOR IN PUBLIC MANAGEMENT WITH A CONCENTRATION IN HISTORY

See Public Management, page 187



## **HONORS PROGRAM**

### **Office of Enrichment Programs**

Coordinator: Dr. A. Phy-Olsen

The Honors Program is designed to challenge superior students and provide opportunities for creative exploration and intellectual development. The interdisciplinary courses are team-taught by professors from a variety of disciplines, with group interaction and faculty-student projects conducted in small classes. Special provision is made each semester for strong students to individualize their studies. To qualify for acceleration into the Honors Program, a student should rank in the top ten percent of his/her high school class, have a minimum ACT Composite Score of 26, and have a commendable high school record. Total record and background, as well as special achievements, are considered upon application. APSU grants a limited number of Honors Scholarships, see page 56. Honors students may also apply for residence in the Harvill Honors Residence Hall. The program further welcomes qualified transfer students who are provided personalized programs. To apply for the Honors program contact the Director of the Honors Program, APSU Box 4447, Telephone (931) 221-7714.

Fifteen hours of credit earned in HON 1010, 2010, 2020, 2030, 2040, or 300x may be used to satisfy 15 hours of Liberal Arts core requirements: three hours in Communication, nine hours in Humanities, and three hours in Social Sciences (World History).

Students who successfully complete 15 hours of credit in the Honors Program will receive an Honors Great Ideas Program Certificate, and a notation of this achievement on official transcripts.

Upper division students who choose to continue in the Four-Year Honors Program, or those transferring into the Honors Program from other schools, will develop enrichment activities designed by their major departments and the Honors Director during their junior and senior years. Any Four-Year Honors plan must be approved by the Honors Program. All Four-Year Honors students will be expected to take a special Honors capstone course for two semester hours, usually during the senior year.

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

The Honors Program is compatible with departmental majors and with other special programs such as the President's Emerging Leaders Program. Highly motivated students who are not part of the regular Honors Program may take individual courses, with the permission of the Director. Special arrangements may be made with academic departments to provide Honors credit for advanced courses offered in those departments.

## **INTERDISCIPLINARY STUDIES MAJOR**

See Education, pages 125

## **INTERNATIONAL STUDIES MINOR (21-24 Hours)**

### **Office of Enrichment Programs**

Coordinator: \_\_\_\_\_

Advisors: A. Christian, J. Filippo, Hsu, Magrans, A. Randall, Warren

The minor is designed to enable students to be better prepared for positions with government, business, or industry with international connections. It strives to develop foreign language skills; helps to provide opportunity for students to study abroad; and, seeks to promote international understanding.

**Requirements:** All Baccalaureate Degree Programs.

### **I. REQUIRED COURSE (3 Hours)**

INTS 2000 Introduction to International Studies

**II. CONCENTRATION: MAJOR AREA (15 Hours)****A. Select three courses One course from three different disciplines (9 hours)**

ECON	4410	History of Economic Thought
ECON	4610	International Economics
FREN	3310	Geography and History of France
FREN	3320	French Civilization
GEOG	3200	Living in the Environment
GEOG	3750	Geography of the African World
HIST	3360	Modern Europe, 1919-Present
HIST	4730	U.S. Foreign Relations Since 1890
MKT	3410	International Marketing
PHIL	3700	Advanced Studies in World Religions
PHIL	4300	Modern (15th-18th Century) Philosophy
PSCI	2070	International Politics
PSCI	3020	American Foreign Policy
PSCI	3160	African Politics
SOC	3050	Race Relations and Minority Peoples
SOC	3750	Population and Society
SPAN	3510	Spanish Civilization I
SPAN	3520	Spanish Civilization II
SPAN	3610	Spanish American Civilization I
SPAN	3620	Spanish American Civilization II

**B. Select two courses from the following (6 hours):**

FREN	3220	Phonetics and Conversations in French
GEOG	3150	Maps and Their Interpretation
GEOG	3200	Living in the Environment
HIST	3410	Modern Germany
HIST	3470	Modern Latin America
PSCI	3110	British Politics and Government
PSCI	3120	European Politics
SOC	3800	Women and Social Change
SOC	4900	Selected Topics in Sociology
SPAN	4100	Special Topics in Literature

**III. FOREIGN EXPERIENCE (3-6 Hours):** Three to six semester hours of study abroad are required for the international studies minor. These hours are applied to study taken outside United States and must receive prior approval as a part of the minor by the Coordinator of the International Studies program. Examples follow:

**Study Abroad in Gambia, Africa**

PM	390A	Study Abroad - Africa
PSCI	3360	Study Abroad: Africa

**Cooperative Center for Study Abroad (CCSA) Courses**

(Courses are offered in English speaking countries)

FREN	3040	Study Abroad
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**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
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**Study Abroad in Spain**

SPAN	3040	Study Abroad Program in Spanish: Spain and Spanish America
SPAN	304B	Study Abroad - Spain

**JOURNALISM MINOR (24 Hours)**

**Department of Communication and Theatre**

*College of Arts and Letters*

COMM 1200, 2000, 3200, 4150; 4650 select 12 hours from: COMM 1400, 300A,B,C, 3100, 3400, 4400, 4450, 4600, 490A, B, C; ART 3140; LING 4040

**LATIN MINOR (21-23 Hours):**

**Department of Languages and Literature**

*College of Arts and Letters*

- 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.

**LEADERSHIP - PRESIDENT'S EMERGING LEADERS PROGRAM**

See page 182

**MANAGEMENT CONCENTRATION**

See Business, page 119

**MARKETING CONCENTRATION**

See Business, page 119

## MASS COMMUNICATION CONCENTRATION

See Communication Arts, page 121

## MATHEMATICS (B.S.)

**Department of Mathematics and Computer Science**

**College of Science and Mathematics**

L. McQueen (Chair), F. Christian, D.J. Cochener, Glunt, Gupton, Hagewood, Hamel, Hoehn, Jator, Menser, N. Rayburn, Ridenhour, Vandergriff, A. Wilson, Witherspoon

**MAJOR CORE:** 1910, 1920, 2110, 3010, 4240, 4450, 4810; CSCI 1010; three hours of mathematics electives greater than or equal to 4000

**MAJOR:** includes the Major Core and 3120, 3130, 3450, 4250, 4500 and 3 hours mathematics electives greater than or equal to 3000.

**TEACHING MAJOR:** includes the Major Core and 3000, 3630; 3450; 4010, 4110; 4010, 4110; MAED 4400; and the Professional Education minor. Student Teaching is required for licensure.

**MINOR:** 1910, 1920, 2110, and six hours selected from approved upper division courses (This minor does not meet licensure requirements.)

## MEDICAL TECHNOLOGY (B.S.)

**Department of Biology**

**College of Science and Mathematics**

Advisors: Mayo (Director), Belcher, Robison

Adjunct Faculty: Allen, D. Baker, Crutcher, Haase, Jenkins, Lassiter, Littleton, Morgan, O'Connell, Stinson

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.

Students may be eligible for B.S. a degree (*in absentia*) after successful completion of the professional school, provided the requirements outlined on pages 94 and 95 through the junior year have been met. Students may elect to transfer to other accredited professional schools of medical technology after completing three years at APSU, and should consult with their academic advisor to select courses required by the particular school. Acceptance into the hospital-based programs as well as the senior year of the campus-based program is competitive and is controlled by the respective Admissions Committees.

**SUGGESTED PROGRAM OF STUDY****Freshman Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
CHEM 1110	4	CHEM 1120	4
ENGL 1010	3	ENGL 1020	3
MATH 1110	3	MATH 1530	3
BIOL 2010	4	BIOL 2020	4
PSY 1020	<u>2</u>	PHED Elective <sup>2</sup>	<u>1</u>
	17		15

**Sophomore Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
CHEM 3500	4	CHEM 4300	4
ENGL 2030 <sup>1</sup>	3	ENGL 20xx	3
BIOL 4130 or 4440	4	HHP 1260	3
BIOL 2300	4	BIOL 3760	4
MUS 1030 <sup>1</sup>	<u>2</u>	SOC 2010 <sup>1</sup>	3
	18	PHED Elective <sup>2</sup>	<u>1</u>
			18

**Junior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
HIST 2010	3	HIST 2020	3
THEA 1030 <sup>1</sup>	3	ENGL 1100 <sup>1</sup>	3
BIOL 3910	5	BIOL 3940	5
BIOL 4600, 4110, or 4160	4	COMM 1010	3
Elective	<u>2</u>	Elective	<u>2</u>
	18		17

*Summer-Full Session*

	<i>Cr.</i>
BIOL 4940	4
BIOL 4910	4
BIOL 4730	4
	12

**Senior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
BIOL 4750	3	BIOL 4090	4
BIOL 4950	4	BIOL 4290	4
BIOL 4970	4	BIOL 4390	4
BIOL 4980	4	BIOL 4490	<u>4</u>
BIOL 4900	<u>1</u>		16
	16		

<sup>1</sup> Strongly recommended, however other courses from the approved B.S. core may be elected.

<sup>2</sup> Any lower-level ROTC course may be substituted for any of the above physical education activities courses. Each credit earned in Marching Band during the Fall semester may be substituted for one of the required physical education courses.

<sup>3</sup> Clinical courses.

## **MILITARY SCIENCE AND LEADERSHIP**

### *College of Professional Studies and Social Sciences*

O'Hara (Chair), Anderson, Lane, Nelson, Swords, Tripp

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 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. Complete successfully such survey of screening tests as may be required by the University or the Department of Military Science.

To be eligible for enrollment in the Advanced Course, a student must:

1. Meet U.S. Army administrative, physical, and mental standards and be accepted by the Chair of Military Science.
2. Have completed the Basic Course, or have one or more years of active military service, or have completed the four-week ROTC Basic Summer Camp.
3. Be at least 17 and not more than 27 years of age at the time of enrollment. (The maximum age limit is subject to waiver under certain circumstances); and,
4. Have a minimum cumulative GPA of 2.0.

### **FOUR-YEAR PROGRAM**

Developed for university freshman, the Four-Year Program is divided into the basic course the first two years, and the advanced course, including a summer camp, the last two years.

The Basic Course consists of the following courses: MSL 1010, 1020, 2010, 2020.

The Advanced Course consists of instruction for a minimum of three hours per week for two academic years and one four-week 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 31 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 Advanced Course and graduation from the University, a student will be commissioned as a Second Lieutenant in the Army Reserve, National Guard, or Active Army.

## **DELAY FOR GRADUATE STUDY**

An ROTC graduate may delay entry into active duty to pursue a full-time course of instruction leading to an advanced degree. Time spent in delay status does not increase active service obligation unless the government is paying for the advanced degree.

## **ASSIGNMENT AFTER GRADUATION**

ROTC graduates are assigned positions of responsibility which take advantage of their leadership and management training and their college education. Some officers may qualify for graduate study at government expense following entry into active duty. Students guaranteed reserve service will receive active duty schooling and return to their civilian career. Starting pay for entry level management position is approximately \$33,000 per year with 30 days paid leave each year and free medical and dental.

## **RESERVE DUTY**

Students in their junior year of ROTC can be guaranteed military service with the Army Reserve or National Guard. Such students would be required to serve on active duty for approximately four months for schooling and then return to a civilian career. This program is designed for those who want leadership and managerial training but do not want to serve on active duty in the Army. Two-year scholarships are available for students who desire Reserve Duty.

## **LEADERSHIP TRAINING COURSE (LTC)**

Selected students may attend the four-week MSL 2030 LTC during the Summer term in lieu of the first two years of on-campus instruction. At camp, training is received in orienteering, repelling, wilderness survival skills, and basic military knowledge. Students attending LTC receive approximately \$600, and room and board. Three academic credit hours are granted for successful completion of LTC. LTC graduates are eligible for enrollment in the Advanced Course, and may compete for two year scholarships. Fees for MSL 2030 are waived.

## **NATIONAL ADVANCED LEADERSHIP CAMP (NALC)**

Advanced course students are required to attend a five-week MSL 3040 NALC during the Summer term, normally between their junior and senior years. At camp, training is received in leadership, small unit and individual tactics, map reading, orienteering, physical training, first aid, and communication. The camp is held at an active Army installation, and post facilities are available to the students during camp. Students attending NALC receive approximately \$750, and room and board. Four academic credit hours are granted for successful completion of NALC. Fees for MSL 3040 are waived.

## **SUBSISTENCE ALLOWANCE**

Contracted students will receive up to \$400 per month for ten months during each of two school years.

Scholarship recipients receive up to \$400 per month for 10 months during the year of duration of the scholarship. The scholarship pays for full tuition, and provides laboratory and book allowance, and other required educational fees.



## **TEXTS, EQUIPMENT, UNIFORMS, AND FEES**

The Military Science Department will provide texts, equipment, and uniforms required for participation in the ROTC program.

## **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.

## **MUSIC (B.A. OR B.S.)**

### *College of Arts and Letters*

Henderson (Chair), Clark, Droste, Frank, G. Gharavi, A. Glass, Halbeck, King, Lee, G. Mabry, S. Mabry, Massinon, Silverberg, Steffen, Steinquest, Vanarsdel, Wood, Yates.

Adjunct Faculty: T. Andronikova, Breckling, Carver, Davich, Ferraraccio, Fott, Gerlach, Giles, Gunter, Harris, Hudson, LaRock, Mason, McIntosh, Murray, Nicholas, Oyen-Larsen, Repass, Smith, Wade.

**MISSION:** The mission of the Department of Music is to provide a comprehensive undergraduate and graduate education that will produce skilled, knowledgeable, creative and articulate musicians.

The Department of Music seeks to fulfill its mission by;

Providing training and experience for students preparing for careers in music performance and composition;

Providing training toward the development of critical thinking in music;

Providing music training and teaching experience for students seeking licensure in education to help meet the need for competent music teachers in the State and region;

Providing educational resources and musical experiences as part of a comprehensive Liberal Arts education; and

Providing a rich program of artistic and cultural events in conjunction with the Center of Excellence for the Creative Arts to emphasize the importance of music in the lives of students and the community.

**SUGGESTED PROGRAM OF STUDY**  
**BA/BS in Music**  
**Liberal Studies Concentration**

**Freshman Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
MUS 1060	0	MUS 1060	0
MUS 1110	4	MUS 1120	4
MUS 1950	2	MUS 1960	2
Ensemble	1	Ensemble	1
Private Instruction	2	Private Instruction	2
MUS 1160 or 1100	1	MUS 1170 or 1100	1
ENGL 1010 Communication Core <sup>1</sup>	3	ENGL 1020 Communication Core <sup>1</sup>	3
Health and Personal Dev. Core <sup>1</sup>	3	Social Science Core <sup>1</sup>	3
	16		16

**Sophomore Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
MUS 1060	0	MUS 1060	0
MUS 2110	4	MUS 2120	4
Ensemble	1	Ensemble	1
Private Instruction	2	Private Instruction	2
MUS 3160	3	PHED elective <sup>1</sup>	1
MUS 1160 or 1100	1	MUS 1170 or 1100	1
ENGL 2030 Humanities Core <sup>1</sup>	3	Humanities Core Section B <sup>1,2</sup>	3
Science Core <sup>1</sup>	4	Science Core <sup>1</sup>	4
	18		16(13)

**Junior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
MUS 1060	0	MUS 1060	0
Ensemble	1	Ensemble	1
Private Instruction	2	Music Elective	3
MUS 3010	3	MUS 3020	3
Math Core <sup>1</sup>	3	Math Core <sup>1</sup>	3
Humanities Core Sec. C <sup>1</sup>	3	Social Science Core <sup>1</sup>	3
Elem. Foreign Language <sup>1,3</sup>	4	Elem. Foreign Language <sup>1,3</sup>	4
PHED elective	1		13(17)
	13(17)		

**Senior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
MUS 1060	0	MUS 1060	0
Ensemble	1	Ensemble	1
History Core <sup>1</sup>	3	History core <sup>1</sup>	3
COMM 1010 or 2030 <sup>1</sup>	3	Non Music elective	3
Music elective	1	MUS 4930	1
Inter. Foreign Language <sup>1,3</sup>	3	Inter. Foreign Language <sup>1,3</sup>	3
	8(11)		8(11)

The student must also complete a minor in another department.

<sup>1</sup> refer to Liberal Arts core requirements

<sup>2</sup> BS only

<sup>3</sup> BA only Suggested Program of Study

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

**Freshman Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
MUS 1060	0	MUS 1060	0
MUS 1110	4	MUS 1120	4
MUS 1950	2	MUS 1960	2
MUS 1160 or 1100	1	MUS 1170 or 1100	1
MUS 1630, 1350, or 1990	1	MUS 1600, 1350, or 1990	1
Private Instruction	2	Private Instruction	2
ENGL 1010 Communication Core <sup>1</sup>	3	ENGL 1020 Communication Core <sup>1</sup>	3
HHP 1260 <sup>1</sup>	<u>3</u>	COMM 1010 or 2030	3
	16	Social Science Core <sup>1</sup>	3
			19

**Sophomore Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
MUS 1060	0	MUS 1060	0
MUS 2110	4	MUS 2120	4
MUS 1630, 1350, or 1990	1	MUS 1600, 1350, or 1990	1
Private Instruction	2	Private Instruction	2
EDUC 1000 <sup>4</sup>	1	SPED 3000 <sup>4</sup>	3
EDUC 2100 <sup>4</sup>	2	MUS 1100	1
Math Core <sup>1</sup>	3	Math Core <sup>1</sup>	3
Science Core <sup>1</sup>	4	Science Core <sup>1</sup>	4
MUS 1100	3	MUS 3890, 3900, 4790, 4800, or 4890	<u>2</u>
MUS 3160*	<u>2</u>		20
	23(18)		

**Junior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
MUS 1060	0	MUS 1060	0
Private Instruction	1	Private Instruction	1
MUS 3010	3	MUS 3020	3
MUS 3630, 3350, or 3990	1	MUS 3600, 3350, OR 3990	1
History Core <sup>1</sup>	3	MUS 3820	2
MUS 3800	2	MUS 4260	3
MUS 3240	1	PSY 3130 <sup>4</sup>	3
MUS 3860, 4240, or 4420	3	Non Music elective	3
ENGL 2030 Hum. Core sec. B <sup>1</sup>	3	MUS 3890, 3900, 4790, 4800, or 4890	<u>2</u>
MUS 3890, 3900, 4790, 4800, or 4890	<u>2</u>		19
	20		

**Senior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
MUS 1060	0	MUS 1060	0
MUS 3630, 3350, or 3990	1	MUS 3600, 3350, or 3990	1
Humanities Core Sec. B <sup>1,2</sup>	3	MUS 4930	1
MUS 4810	3	EDUC 4080 <sup>4</sup>	3
PSY 3110 or 3200 <sup>4</sup>	3	History core <sup>1</sup>	3
EDUC 3040 <sup>4</sup>	3	Humanities Core Sec. C <sup>1</sup>	3
EDUC 4160 <sup>4</sup>	3	Social Science Core <sup>1</sup>	3
MUS 1250 or 1500	<u>1</u>	EDUC 4270 <sup>4</sup>	3
	20(17)		17

**Fifth Year**

<i>Fall</i>	<i>Cr.</i>
EDUC 4200 <sup>4</sup>	3
Student Teaching <sup>4</sup>	<u>12</u>
	15

<sup>1</sup> refer to Liberal Arts core requirements

<sup>2</sup> BS only

<sup>3</sup> BA students must complete one year of intermediate foreign language in addition to above requirements.

<sup>4</sup> Professional Education Minor

\* highly recommended

It is strongly recommended that students in this degree program attend at least one summer session due to the fact that most instrumental majors enroll in more than one ensemble per semester.

**Suggested Program of Study**  
**BA/BS Music Education Concentration**  
**Keyboard Specialization**

**Freshman Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
MUS 1060	0	MUS 1060	0
MUS 1110	4	MUS 1120	4
MUS 1950	2	MUS 1960	2
Ensemble	1	Ensemble	1
Private Instruction	2	Private Instruction	2
ENGL 1010 Communication Core <sup>1</sup>	3	ENGL 1020 Communication Core <sup>1</sup>	3
HHP 1260 <sup>1</sup>	3	COMM 1010 OR 2030 <sup>1</sup>	3
PE elective <sup>1</sup>	<u>1</u>	Social Science Core <sup>1</sup>	3
	16		18

**Sophomore Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
MUS 1060	0	MUS 1060	0
MUS 2110	4	MUS 2120	4
Ensemble	1	Ensemble	1
Private Instruction	2	Private Instruction	2
EDUC 1000 <sup>4</sup>	1	SPED 3000	3
EDUC 2100 <sup>4</sup>	2	Math Core <sup>1</sup>	3
Math Core <sup>1</sup>	3	Social Science Core <sup>1</sup>	3
Science Core <sup>1</sup>	4	MUS 2020 *	3
PHED elective <sup>1</sup>	<u>1</u>		3
	18		18(21)

**Junior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
MUS 1060	0	MUS 1060	0
Private Instruction	2	MUS 1200	1
MUS 3010	3	MUS 3020	3
Ensemble	1	Ensemble	1
MUS 4310	3	MUS 3810	2
MUS 3800	2	MUS 3250	3
MUS 1210 or pass proficiency	1	MUS 4380, 4270, or 4280	3
MUS 3240	1	PSY 3130 <sup>4</sup>	3
MUS 1200	1	Non Music elective	2
ENGL 2030 Hum. Core sec. B <sup>1</sup>	3		19
History Core <sup>1</sup>	2		
	20		

**Senior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
MUS 1060	0	MUS 1060	0
Ensemble	1	Ensemble	1
MUS 1200	1	MUS 4930	1
MUS 4810	3	MUS 4380, 4270, or 4280	3
PSY 3110 or 3200 <sup>4</sup>	3	History core <sup>1</sup>	3
EDUC 3040 <sup>4</sup>	3	Humanities Core Sec. C <sup>1</sup>	3
EDUC 3070 <sup>4</sup>	3	EDUC 4080 <sup>4</sup>	3
SPED 4160 <sup>4</sup>	3	EDUC 4270 <sup>4</sup>	2
Humanities Core Sec. C <sup>1,2</sup>	2		17
	20(17)		

**Fifth Year**

<i>Fall</i>	<i>Cr.</i>
EDUC 4200 <sup>4</sup>	3
Student Teaching <sup>4</sup>	<u>12</u>
	15

<sup>1</sup> refer to Liberal Arts core requirements

<sup>2</sup> BS only

<sup>3</sup> BA students must complete one year of intermediate foreign language in addition to above requirements

<sup>4</sup> Professional Education Minor

\* highly recommended

It is strongly recommended that students in this degree program attend at least one summer session.

**Suggested Program of Study**  
**BA/BS Music Education Concentration**  
**Vocal Specialization**

**Freshman Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
MUS 1060	0	MUS 1060	0
MUS 1110	4	MUS 1120	4
MUS 1950	2	MUS 1960	2
MUS 1160 or 1100	1	MUS 1170 or 1100	1
MUS 1500	1	MUS 1500	1
Private Instruction	2	Private Instruction	2
ENGL 1010 Communication Core <sup>1</sup>	3	ENGL 1020 Communication Core <sup>1</sup>	3
HHP 1260 <sup>1</sup>	3	COMM 1010 or 2030 <sup>1</sup>	3
PHED elective <sup>1</sup>	1	Social Science Core <sup>1</sup>	3
	17		19

**Sophomore Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
MUS 1060	0	MUS 1060	0
MUS 2110	4	MUS 2120	4
MUS1500	1	MUS 1500	1
Private Instruction	2	Private Instruction	2
EDUC 1000 <sup>4</sup>	1	SPED 3000 <sup>4</sup>	3
EDUC 2100 <sup>4</sup>	2	MUS 1100	1
Math Core <sup>1</sup>	3	Math Core <sup>1</sup>	3
Science Core <sup>1</sup>	4	Science Core <sup>1</sup>	4
MUS 1100	1	MUS 3160 *	3
PHED elective <sup>1</sup>	1		18(21)
	19		

**Junior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
MUS 1060	0	MUS 1060	0
Private Instruction	1	Private Instruction	1
MUS 3010	3	MUS 3020	3
MUS 3500	1	MUS 3500	1
MUS 1100	1	MUS 3810	2
MUS 3800	2	MUS 3250	3
MUS 1210 or pass proficiency	1	MUS 4380 or 4270	3
MUS 3240	1	PSY 3130 <sup>4</sup>	3
MUS 4390, 4370 or 4450	3	Non Music elective	3
ENGL 2030 Hum. Core sec. B <sup>1</sup>	3	MUS 1100	1
History Core <sup>1</sup>	3		20
	19		

**Senior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
MUS 1060	0	MUS 1060	0
MUS 3500	1	MUS 3500	1
Humanities Core Sec. C <sup>1,2</sup>	3	MUS 4930	1
MUS 4810	3	EDUC 4080 <sup>4</sup>	3
PSY 3110, or 3200 <sup>4</sup>	3	History core <sup>1</sup>	3
EDUC 3040 <sup>4</sup>	3	Humanities Core Sec. C <sup>1</sup>	3
EDUC 3070 <sup>4</sup>	3		17
SPED 4160 <sup>4</sup>	3		
	19(16)		

**Fifth Year**

EDUC 4200 <sup>4</sup>	3
Student Teaching <sup>4</sup>	<u>12</u>
	15

<sup>1</sup> refer to Liberal Arts core requirements

<sup>2</sup> BS only

<sup>3</sup> BA students must complete one year of intermediate foreign language in addition to above requirements.

<sup>4</sup> Professional Education Minor

\* highly recommended

It is strongly recommended that students in this degree program attend at least one summer session.

**Suggested Program of Study**  
**BA/BS in Music Performance Concentration**  
**Composition Specialization**

**Freshman Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
MUS 1060	0	MUS 1060	0
MUS 1110	4	MUS 1120	4
MUS 1950	2	MUS 1960	2
Ensemble	1	Ensemble	1
Private Instruction	2	Private Instruction	2
MUS 1160 or 1100	1	MUS 1170 or 1100	1
ENGL 1010 Communication Core <sup>1</sup>	3	ENGL 1020 Communication Core <sup>1</sup>	3
Health and Personal Dev. Core <sup>1</sup>	3	Social Science Core <sup>3</sup>	3
	16	Math Core <sup>1</sup>	3
			19

**Sophomore Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
MUS 1060	0	MUS 1060	0
MUS 2100	4	MUS 2120	4
MUS 3510	3	MUS 3520	3
Ensemble	1	Ensemble	1
Private Instruction	1	Private Instruction	1
MUS 1100	1	MUS 1100	1
MUS 2020	3	PHED Elective <sup>1</sup>	1
ENGL 2030 Humanities Core <sup>1</sup>	3	HUM Core Section B <sup>1,2</sup>	3
PHED Elective	<u>1</u>	Science Core <sup>1</sup>	4
	21	Math Core <sup>1</sup>	3
			21(19)



**Junior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
MUS 1060	0	MUS 1060	0
MUS 3010	3	MUS 3020	3
MUS 3530	3	MUS 3540	3
Ensemble	1	Ensemble	1
HUM Core Seciton C <sup>1</sup>	3	Social Science Core <sup>1</sup>	3
Elem. Foreign Language <sup>1,3</sup>	4	Elem. Foreign Language <sup>1,3</sup>	4
Non Music elective	3	Non Music elective	3
Music Lit Elective <sup>4</sup>	3	Music Lit Elective <sup>4</sup>	3
Private Instruction	<u>1</u>	MUS 4350	<u>3</u>
	21		19(23)

**Senior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
MUS 1060	0	MUS 1060	0
MUS 4110	3	MUS 4120	3
MUS 4510	3	MUS 4520	3
Pedogogy and Methods Elective <sup>5</sup>	2	Pedogogy and Methods Elective <sup>5</sup>	2
Ensemble	1	Ensemble	1
History Core <sup>1</sup>	3	History Core <sup>1</sup>	3
COMM 1010 or 2030 <sup>1</sup>	3	MUS 4950	1
Inter. Foreign Language <sup>1,3</sup>	<u>3</u>	Inter. Foreign Language <sup>1,3</sup>	<u>3</u>
	18	MUS 4810	<u>3</u>
			19

<sup>1</sup> refer to Liberal Arts core requirements

<sup>2</sup> BS only

<sup>3</sup> BA only

<sup>4</sup> Choose from 4310, 4330, 4340, 4370, 4390, 4420, 4430, 4450, 4460, 4550

<sup>5</sup> Choose from 3890, 3900, 4790-4800, 4890, 4270

**Suggested Program of Study  
BA/BS in Music Performance Concentration  
Instrumental Specialization**

**Freshman Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
MUS 1060	0	MUS 1060	0
MUS 1950	2	MUS 1120	4
MUS 1630	1	MUS 1960	2
MUS 1160 or 1100	1	MUS 1600	1
Ensemble	1	MUS 1170 or 1100	1
Private Instruction	3	Ensemble	1
Health and Personal Development Core <sup>1</sup>	3	Private Instruction	3
ENGL 1010 Communication Core <sup>1</sup>	<u>3</u>	ENGL 1020 Communication Core <sup>1</sup>	<u>3</u>
	14	Social Science Core	<u>3</u>
			18

**Sophomore Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
MUS 1060	0	MUS 1060	0
MUS 2110	4	MUS 2120	4
Ensemble	1	Ensemble	1
Private Instruction	3	Private Instruction	3
MUS 1630	1	MUS 1600	1
MUS 1160 or 1100	1	MUS 1170 or 1100	1
ENGL 2030 Humanities Core <sup>1</sup>	3	MUS 3160	3
Science Core <sup>1</sup>	<u>4</u>	Humanities Core Section B <sup>1,2</sup>	3
	17	Science Core <sup>1</sup>	<u>4</u>
			20(17)

**Junior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
MUS 1060	0	MUS 1060	0
Private Instruction	3	Private Instruction	3
MUS 4110	3	MUS 3950	1
MUS 3010	3	MUS 4120	3
MUS 1630	1	MUS 3020	3
Math Core <sup>1</sup>	3	MUS 1600	1
Humanities Core Section C <sup>1</sup>	3	Math Core <sup>1</sup>	3
Elem. Foreign Language <sup>1,3</sup>	<u>(4)</u>	Social Science Core <sup>1</sup>	3
	16(20)	Elem. Foreign Language <sup>1,3</sup>	<u>(4)</u>
			17(21)

**Senior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
MUS 1060	0	MUS 1060	0
Private Instruction	3	Private Instruction	3
MUS 4320, 4420, or 4430	3	MUS 4950	2
MUS 3800	2	MUS 4260	3
MUS 3630	1	MUS 3820	2
History Core <sup>1</sup>	3	MUS 3600	1
COMM 1010 or 2030 <sup>1</sup>	3	History core <sup>1</sup>	3
Non Music elective	3	Non Music elective	3
Intermed. Foreign Language <sup>1,3</sup>	<u>(3)</u>	Intermed. Foreign Language	<u>(3)</u>
	18(21)		17(20)

<sup>1</sup> refer to Liberal Arts core requirements<sup>2</sup> BS only<sup>3</sup> BA only

**Suggested Program of Study**  
**BA/BS Music Performance Concentration**  
**Keyboard Specialization**

**Freshman Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
MUS 1060	0	MUS 1060	0
MUS 1110	4	MUS 1120	4
MUS 1950	2	MUS 1960	2
Ensemble	1	Ensemble	1
Private Instruction	3	Private Instruction	3
ENGL 1010 Communication Core <sup>1</sup>	3	ENGL 1020 Communication Core <sup>1</sup>	3
Health and Personal Dev. Core <sup>1</sup>	3	HUM Core Section C <sup>1</sup>	3
Non Music elective	3	Non Music elective	3
	19		19

**Sophomore Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
MUS 1060	0	MUS 1060	0
MUS 2110	4	MUS 2120	4
Ensemble	1	Ensemble	1
Private Instruction	3	Private Instruction	3
MUS 3160	3	PHED elective <sup>1</sup>	1
MUS 1700	1	MUS 1700	1
ENGL 2030 Humanities Core <sup>1</sup>	3	HUM Core Section B <sup>1,2</sup>	3
Science Core <sup>1</sup>	4	Science Core <sup>1</sup>	4
	19	Math Core <sup>1</sup>	3
			20(16)

**Junior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
MUS 1060	0	MUS 1060	0
Private Instruction	3	Private Instruction	3
MUS 3010	3	MUS 3020	3
PHED Elective <sup>1</sup>	1	MUS 3950	1
MUS 3700	1	MUS 3700	1
MUS 3800	2	MUS 4430	3
Math Core <sup>1</sup>	3	Music Elective <sup>1</sup>	3
Social Science Core <sup>1</sup>	3	Social Science Core <sup>1</sup>	3
Elem. Foreign Language <sup>1,3</sup>	4	Elem. Foreign Language <sup>1,3</sup>	4
	20(16)		17(21)

**Senior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
MUS 1060	0	MUS 1060	0
Private Instruction	3	Private Instruction	3
History Core <sup>1</sup>	3	History Core <sup>1</sup>	3
COMM 1010 or 2030 <sup>1</sup>	3	Non Music elective	3
Music elective	3	MUS 4930	1
Inter. Foreign Language <sup>1,3</sup>	1	Inter. Foreign Language <sup>1,3</sup>	3
MUS 4110	3	MUS 4120	3
MUS 4330, 4340, or 4350	3	MUS 4950	2
MUS 4280	3	MUS 4310	3
MUS 3700	<u>1</u>	MUS 3700	<u>1</u>
	20(23)		19(22)

<sup>1</sup> refer to Liberal Arts core requirements<sup>2</sup> BS only<sup>3</sup> BA only

**Suggested Program of Study**  
**BA/BS in Music Performance Concentration**  
**Vocal Specialization**

**Freshman Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
MUS 1060	0	MUS 1060	0
Private Instruction	3	Private Instruction	3
MUS 1110	4	MUS 1120	4
MUS 1950	2	MUS 1960	2
MUS 1160 or 1100	1	MUS 1170 or 1100	1
MUS 1500	1	MUS 1500	1
ENGL 1010 Communication Core <sup>1</sup>	3	MUS 4522, 4523, 4524	1
Health and Personal Dev. Core <sup>1</sup>	3	ENGL 1020 Communication Core <sup>1</sup>	3
PHED elective <sup>1</sup>	<u>1</u>	Humanities core *Section C <sup>1</sup>	<u>2</u>
	18		18

**Sophomore Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
MUS 1060	0	MUS 1060	0
Private Instruction	3	Private Instruction	3
MUS 2110	4	MUS 2120	4
MUS 1160 OR 1100	1	MUS 1170 or 1100	1
MUS 1500	1	MUS 1500	1
ENGL 2030 Humanities Core <sup>1</sup>	3	MUS 4522, 4523, or 4524	1
Science Core <sup>1</sup>	4	Humanities core, Section B <sup>1,2</sup>	3
PHED elective	<u>1</u>	Science Core <sup>1</sup>	4
	17	MUS 3160	<u>2</u>
			20(18)

**Junior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
MUS 1060	0	MUS 1060	0
Private Instruction	3	Private Instruction	3
MUS 4110	3	MUS 4120	3
MUS 3010	3	MUS 3020	3
MUS 3500	1	MUS 3500	1
MATH core <sup>1</sup>	3	MATH core <sup>1</sup>	3
Social Science core <sup>1</sup>	3	Social Science core <sup>1</sup>	3
Elem. Foreign Language	4	Elem. Foreign Language	4
	20	MUS 4522, 4523, 4524	1
			21

**Senior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
MUS 1060	0	MUS 1060	0
Private Instruction	3	Private Instruction	3
MUS 3800	3	MUS 4950	2
MUS 3500	1	MUS 3500	1
MUS 4370, or 4450	3	MUS 4270	3
History core 1	3	History core <sup>1</sup>	3
COMM 1010 or 2030	3	Interm. Foreign Language	3
Interm. Foreign Language	2	MUS 3940	1
	19	Non Music elective	3
			19

<sup>1</sup> refer to liberal arts core requirements

<sup>2</sup> BS only

**REQUIREMENTS**

The student who plans to teach music should elect an emphasis within the Music Education concentration. Students who do not seek licensure to teach music may elect an emphasis within the Music Performance concentration or the Liberal Studies Music concentration.

**Audition** - Audition is required for scholarship as well as admission to the Department of Music. Contact the Department for audition times.

**Ensembles** - A student majoring in music is required to participate satisfactorily every semester in the performing organization deemed appropriate to his or her major performing medium. For woodwind, brass, and percussion majors, this will be Band (Fall - Marching Band, Spring - Symphonic Band); for vocal majors, the Chorus or Chamber Singers; 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 pre-announced time. An unsatisfactory score will result in students being required to successfully pass Fundamentals of Music Theory I and II before beginning the Theory 1110 sequence.

**Junior Level Exam** - Music majors must pass a Junior Level Examination, ordinarily scheduled at the end of the sophomore year, before enrolling in upper division (3xxx level) Individual Instruction. All majors will have a maximum of three attempts to pass the Junior Level Examination. A minimum of three semesters 3000 level instruction are required prior to the Senior Recital.

Students whose background in performance is deficient may be required to take more than the normal amount of credit at the lower division level. Upper division credit in performance is granted only after the student passes the

Junior Level Examination. Each music major is normally required to appear at least once each year in a recital, either in solo or ensemble performance.

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

**Music Education majors** - Students enrolled in the vocal or keyboard emphasis of the Music Education concentration must also demonstrate appropriate guitar skills by passing the guitar proficiency examination or Class Guitar.

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

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

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

## NUCLEAR MEDICAL TECHNOLOGY

See Radiologic Technology, page 188

## NURSING (B.S.N.)

### School of Nursing

#### *College of Professional Programs and Social Sciences*

Martin, K.L. (Director), Burgess, Busey, Davenport, Ebolum, Farrar, Gillon, Lindsay, Orr, Slater, Suttle, G. Thompson, L. Thompson, Tracy, White, Vinson, Zeigler

(Information within this bulletin is updated annually. Updates may occur more frequently and are published through the School of Nursing site on the APSU web page.)

The four-year Baccalaureate Nursing Program is composed of lower level prerequisite Nursing and Liberal Arts core courses, and upper level nursing courses. Students completing the program will earn a B.S.N. degree, and will be eligible to write the Registered Nurse Licensing Examination for R.N. licensure. As a professional nurse, the baccalaureate graduate is educated to utilize the nursing process in a variety of settings and has an academic base for future specialization as a teacher, clinician, administrator or researcher. Non-baccalaureate prepared registered nurses may pursue the BSN degree through the RN-BSN track.

The BSN Program is approved by the Tennessee Department of Health Board of Nursing and accredited by the National League for Nursing Accrediting Commission (NLNAC). These organizations may be reached at the following:

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) 363-5555 x153  
www.nlnac.org

## 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 believe a professional nursing curriculum is based on educational content supportive of their beliefs about individuals, society, health, nursing and learning. The nursing curriculum is built on a foundation of liberal arts, natural and social sciences. The Orem Self-Care Model is seen by the faculty as an appropriate basis for nursing practice. Nursing is a dynamic practice discipline whose focus is caring for individuals, groups and communities using a holistic approach. Actions and roles are deliberately selected and performed by nurses to help individuals, groups, or communities under their care to maintain or change their self-care practices. The concepts of critical thinking, communication, and therapeutic nursing care promote the development of the emerging professional nurse. The education process involves the recognition of each student as a unique individual and requires open communication between student and faculty. It is the responsibility of the student to be active in the pursuit, acquisition, internalization, and application of knowledge.

**PROGRAM OUTCOMES**

1. To prepare beginning professional nurse generalists as described by the ANA Standards of Nursing Practice;
2. To develop an educational basis for life-long learning; and
3. To develop an awareness of diversity and its affect on self-care.

**APPLICATION AND ADMISSION REQUIREMENTS**

1. Students applying for admission to the lower division of the Bachelor of Science in Nursing Program must meet the regular requirements for admission to APSU.
2. To begin upper division nursing classes, students must have Junior status (60 semester hours) and be admitted by the School of Nursing. Eligibility requirements to apply for admission include: completion of a School of Nursing application, School of Nursing checklist of completed courses on file in the Nursing Office, “C” or better in all prerequisite nursing courses, and a minimum cumulative GPA of 2.8 by February 1 of the application year.
3. Completed application for upper division should be received by the School of Nursing no later than February 1. A completed application includes:
  - a. Application to APSU with acceptance for regular admission;
  - b. Official APSU transcripts, copies of non-APSU official transcripts from the Office of the Registrar and transfer evaluations for accepted transfer students;
  - c. Completed School of Nursing “Application to Upper Division” for Bachelor of Science in Nursing; and,
  - d. Registered Nurse students must present a copy of a current nursing license.
4. The Admissions Committee of the School of Nursing selects candidates for admission from the students who meet the admission requirements. All applicants will be notified by mail as soon as possible after March 15. (Because of limited numbers of places in upper division, not all applicants meeting the eligibility requirements to apply for admission will be selected. Selections will be based on ranking of candidates by cumulative GPA.
5. Students offered a position in the upper division must reply by a date to be published by the School of Nursing.
6. Following acceptance into upper division of the BSN program, students must:
  - a. Provide evidence of liability and health insurance. Evidence of physical and/or mental health may be required following admission or at any time during the program.
  - b. Provide verification of: a negative report of tuberculin skin test or a chest x-ray dated no more than three months prior to enrollment in upper division, vaccination or proof of immunity to rubella, varicella, rubeola, and Hepatitis B series; and,
  - c. Verification of current certification in Basic Cardiac Life Support (CPR), comparable to the Health Care Provider Course of the American Heart Association.
7. Persons who have been convicted of a crime other than a minor traffic violation could be ineligible for Registered Nurse Licensure in the State of Tennessee, even though they have successfully completed the program.



## RN-BSN COMPLETION PROGRAM TRACK

Application and admission requirements to the RN-BSN track are the same as for the basic program. Applicants must complete nursing pre-requisite courses and all but 12 hours of Liberal Arts core requirements prior to admission to upper level nursing courses. In addition, RN licensure must be documented at the time of entrance. Upper division credit status must be determined by the RN-BSN coordinator at the time of initial application for specified upper division nursing courses. To receive escrow transfer credit for lower division nursing courses, students must submit verification of graduation from an NLNAC accredited program and document employment as an RN within the past three years at the time of application.

Students not graduating from an NLNAC accredited program or employed as an RN within the past three years must take the Regents College Examination or courses as specifically advised by the RN-BSN coordinator or School of Nursing Director.

The RN-BSN track program begins in the summer term each year. The RN-BSN nursing major includes: 3010, 3020, 3040, 3080, 4010, 4020, 4050, 4070, and 4080.

### NURSING MAJOR: 3010, 3020, 3030, 3040, 3060, 3070, 3080, 4010, 4040, 4050, 4060, 4070, 4080.

Students provide their own travel to and from clinical facilities as assigned by faculty. Related courses (if not taken in the Liberal Arts core requirements): BIOL 2010, 2020, 2300; CHEM 1010, 1020; MATH 1110, 1530; PSY 1030, 3110; SOC 2010.

### Progression

A grade of "C" or better is required to pass any upper division nursing course and to progress in the curriculum. When a course has a clinical component, the student must pass both the theory and the clinical component in order to pass the course. The policy on progression is available from the Director of the School of Nursing.

## SUGGESTED PROGRAM OF STUDY

(Includes all Liberal Arts core requirements for B.S. degree. See page 88 for Liberal Arts core requirements).

### PRE-NURSING-LOWER DIVISION

#### Freshman Year

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
ENGL 1010	3	ENGL 1020	3
BIOL 2010 <sup>1,2</sup>	4	BIOL 2020 <sup>1,2</sup>	4
MATH 1110 <sup>1,2</sup>	3	HIST 2010	3
COMM 1010	3	MATH 1530 <sup>1,2</sup>	3
PSY 1030	3	Computer Literacy	3
PHED	1	SOC 2010	3
	17		19

#### Sophomore Year

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
CHEM 1010 <sup>1,2</sup>	4	CHEM 1020 <sup>1,2</sup>	4
Humanities core, Part C <sup>1</sup>	3	Humanities core, Part C <sup>1</sup>	3
ENGL 2030	3	PHIL <sup>1</sup>	3
BIOL 2300 <sup>2</sup>	4	PSY 3110 <sup>1,2</sup>	3
HIST 2020	3	Elective	3
	17	PHED <sup>1</sup>	1
			17

Alternative Schedule: take three hours of lower division courses during a Summer Session prior to the junior year.

**NURSING-UPPER DIVISION \*****Junior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
NURS 3010	2	NURS 3060	8
NURS 3020	4	NURS 3070	8
NURS 3030	8	NURS 3080	<u>2</u>
NURS 3040	<u>1</u>		18
	15		

**Senior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
NURS 4010	3	NURS 4060	8
NURS 4040	9	NURS 4070	6
NURS 4050	<u>6</u>	NURS 4080	<u>2</u>
	18		16

<sup>1</sup> Meets Liberal Arts core requirement.

<sup>2</sup> Prerequisite Nursing Core must be taken before admission to junior level nursing courses. (A maximum of 12 hours in the Liberal Arts core may remain unearned by the beginning of the junior year, but must be completed during that year.)

\* Curriculum is full time.

**PHILOSOPHY (B.A. OR B.S.)****Department of History and Philosophy****College of Arts and Letters**

Browder (Chair), Michael, A. Randall, Rocheleau

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.

**ETHICAL STUDIES MINOR**

See page 133

**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 191

## PHOTOGRAPHY MINOR

See Art, page 115

## PHYSICAL EDUCATION MINOR (18 Hours)

Department of Health and Human Performance

College of Professional Programs and Social Sciences

Select two from HHP 3300, 4220, 4240, 4250; select two from 3120, 3150, 4110; and, select two from 2000, 2240, 3010, 3180, 3190, 3210, 4200, 4210.

## PHYSICS

College of Science and Mathematics

J. Taylor (Chair), Buckner, Carpenter, King, Xiong-Skiba

**PHYSICS MAJOR (37 Hours):** 2110, 2120, 3005, 3010, 3030, 3100, 3550, 3700, 3701, 3800, 3901, 4000.

**PHYSICS DISTRIBUTIVE MAJOR:** 2110, 2120, 3005, 3010, 3030, 3100, 3550, 3700, 3701, 4000; MATH 1910, 1920, 2110, 3120; CSCI 1010; and 18 hours of upper-division credit selected, with approval of the Chair of the Physics Department, from Biology, Chemistry, Computer Science, Mathematics, The College of Business, Physics, or upper-division engineering transfer credits from an ABET accredited program. Several options already exist such as concentrations in Opto Electronics, Professional Management, Computational Methods, or 3+2 Dual Degree Programs in Physics and several fields of Engineering.

### 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 multi-faceted 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 Sunquist Science Complex.

#### Suggested 5-Year Schedule of Courses Required for Electrical Engineering

##### Austin Peay State University

##### Freshman Year

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
English 1010, English Comp. I	3	English 1020, English Comp. II	3
Math 1910, Calculus & Analytic Geom. I	5	Math 1920, Calculus & Analytic Geom.	5
Physics 2110, General Physics I	5	Physics 2120, General Physics II	5
Chemistry 1110, General Chemistry	4	Chemistry 1120, General Chemistry II	4
PE or ROTC	1		17
	18		

**Sophomore Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
Physics 3005, Theoret. Methods for Sci/Eng	4	Physics 3010, Intermediate Mechanics	3
Physics 3700, Modern Physics	3	Physics 3550, Exper. Methods for Sci/Engr	3
Physics 370L, Modern Physics Lab	1	Engr. Tech. 1020, CAD & Design I	4
Math 2110, Calculus III	3	Economics 2010, Macroeconomics	3
Health & Human Perf. 1260, Personal Health	3	Music, Art, or Theatre	3
CSCI 1010, Intro. to Programming	3	PE, Band, or ROTC	1
	17		17

**Junior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
Physics 3100, Optics	3	Physics 3030, Electricity & Magnetism	3
Math 3120, Differential Equations	3	Physics 3060, Advanced Circuits	3
Physics 3050, Intro to Circuits	3	Physics 306L, Circuits Lab II	1
Physics 305L, Circuits Lab I	1	Physics 4000, Computat. Mthds. for Sci/Engr	3
English 2030, Traditions in World Literature	3	Music, Art, or Theatre <sup>1</sup>	3
COMM 1010, Fund. of Public Speaking	3	Philosophy 2400, Business Ethics	3
	16		16

**The University of Tennessee**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
ECE 255, Intro. To Logic Design, Digital Sys.	4	ECE 316, Signals & Systems II	3
ECE 315, Signals & Systems I	3	ECE 336, Electronic Circuits	3
ECE 325, Elect. Energy System Components	4	ECE 342, Analog Communication, AM & FM	3
ECE 335, Electronic Devices	4	ECE 355, Computing System Fundamentals	3
ECE 395, Junior Seminar	1	Geography 320, Cultural Geography	3
	16		15

**Senior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
Electrical Engineering Senior Electives <sup>2</sup>	6	ECE 400, Senior Design	5
ME 331, Thermodynamics	3	Electrical Engineering Senior Electives <sup>2</sup>	7
Engineering Technical Elective <sup>3</sup>	3	History 222, American History II	3
History 221, American History I	3		15
	15		

<sup>1</sup> Refer to Liberal Arts core requirements.

<sup>2</sup> EE Senior Electives must be chosen from the following courses and must include one approved sequence: 415-416, 421-422, 431-432, 441-442, 443-446, 451-452, 471-472, 481-482.

<sup>3</sup> Engineering Technology electives: IE 405, ME 231, ME 321, ME 344, MSE 201, MSE 410, NE 342.

## Suggested 5-Year Schedule of Courses Required for Computer Engineering

### Austin Peay State University

#### Freshman Year

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
English 1010, English Comp. I	3	English 1020, English Comp. II	3
Math 1910, Calculus & Analytic Geom. I	5	Math 1920, Calculus & Analytic Geom.	5
Physics 2110, General Physics I	5	Physics 2120, General Physics II	5
Chemistry 1110, General Chemistry	4	Chemistry 1120, General Chemistry II	4
PE or ROTC	1		17
	18		

#### Sophomore Year

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
Physics 3005, Theoret. Methods for Sci/Eng	4	Physics 3010, Intermediate Mechanics	3
Physics 3700, Modern Physics	3	Physics 3550, Exper. Methods for Sci/Engr	3
Physics 370L, Modern Physics Lab	1	Engr. Tech. 1020, CAD & Design I	4
Math 2110, Calculus III	3	Math 3450, Linear Algebra	3
Health & Human Perf. 1260, Personal Health	3	Music, Art, or Theatre	3
CSCI 1010, Intro. to Programming	3	PE, Band, or ROTC	1
	17		17

#### Junior Year

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
Physics 3100, Optics	3	Physics 3030, Electricity & Magnetism	3
Math 3120, Differential Equations	3	Physics 3060, Advanced Circuits	3
Physics 3050, Intro to Circuits	3	Physics 306L, Circuits Lab II	1
Physics 305L, Circuits Lab I	1	Physics 4000, Computat. Mthds. for Sci/Engr	3
English 2030, Traditions in World Literature	3	Music, Art, or Theatre <sup>1</sup>	3
COMM 1010, Fund. of Public Speaking	3	Philosophy 2400, Business Ethics	3
	16		16

### The University of Tennessee

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
ECE 255, Intro. To Logic Design, Digital Sys.	4	ECE 316, Signals & Systems II	3
ECE 315, Signals & Systems I	3	ECE 342, Analog Communication, AM & FM	3
ECE 335, Electronic Devices	4	ECE 355, Computing System Fundamentals	3
Computer Science 140, Data Structures	4	ECE 395, Junior Seminar	1
Math 300, Abstract Mathematics	3	Computer Science 302, Fund. Algorithms	3
	18	Geography 320, Cultural Geography	3
			16

#### Senior Year

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
ECE 451, Computer System Architectures	3	ECE 452, Design of Digital Sys & Computers	4
Computer Science 360, System Programs	3	Computer Engineering Senior Electives <sup>2</sup>	6
Computer Engineering Senior Elective <sup>2</sup>	6	Economics 201, Introductory Economics	4
History 221, American History I	3	History 222, American History II	3
	15		17

<sup>1</sup> Refer to Liberal Arts core requirements.

<sup>2</sup> Computer Engineering Senior Electives must be chosen from the following courses and must include at least two ECE courses and no more than one course from ECE 3xx: ECE 325, ECE 336, ECE341, ECE 411, ECE 412, ECE 421, ECE 422, ECE 423, ECE 431, ECE 432, ECE 441, ECE443, ECE446, ECE453, ECE471, ECE472, ECE 481, ECE482, ECE494, CS 370, CS 420, CS 430, CS 460, CS 470, CS 494, IE 405, English 360.

## Suggested 5-Year Schedule of Courses Required for Mechanical Engineering

### Austin Peay State University

#### Freshman Year

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
English 1010, English Comp. I	3	English 1020, English Comp. II	3
Math 1910, Calculus & Analytic Geom. I	5	Math 1920, Calculus & Analytic Geom.	5
Physics 2110, General Physics I	5	Physics 2120, General Physics II	5
Chemistry 1110, General Chemistry	4	Chemistry 1120, General Chemistry II	4
PE or ROTC	1		17
	18		

#### Sophomore Year

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
Physics 3005, Theoret. Methods for Sci/Eng	4	Physics 3010, Intermediate Mechanics	3
Physics 3700, Modern Physics	3	Physics 3550, Exper. Methods for Sci/Engr	3
Physics 370L, Modern Physics Lab	1	Engr. Tech. 1020, CAD & Design I	4
Math 2110, Calculus III	3	Economics 2010, Macroeconomics	3
Health & Human Perf. 1260, Personal Health	3	Music, Art, or Theatre <sup>1</sup>	3
CSCI 1010, Intro. to Programming	2	PE, Band, or ROTC	1
	17		17

#### Junior Year

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
Physics 3100, Optics	3	Physics 3030, Electricity & Magnetism	3
Math 3120, Differential Equations	3	Physics 3060, Advanced Circuits	3
Physics 3050, Intro to Circuits	3	Physics 306L, Advanced Circuits Lab II	1
Physics 305L, Circuits Lab I	1	Physics 4000, Computat. Mthds. for Sci/Engr	3
English 2030, Traditions in World Literature	3	Music, Art, or Theatre <sup>1</sup>	3
COMM 1010, Fund. of Public Speaking	3	Philosophy 2400, Business Ethics	3
	16		16

### The University of Tennessee

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
ME 321, Mechanics of Materials	3	ME 332, Thermodynamics II	3
ME 331, Thermodynamics	3	ME 344, Heat Transfer	3
ME 363, Mechanical Vibration	3	ME 345, Instrumentation & Measurement	3
AE 341, Fluid Mechanics	3	ME 365, Elements of Machine Design	3
MSE 201, Intro. to Materials Sci & Engr	2	ME 366, Manufacturing Processes	2
	15		15

**Senior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
ME 431, Seminar	1	ME 402, Fundamentals of Engineering	1
ME 475, Thermal Engineering	3	ME 449, Mechanical Engr. Laboratory	3
ME 466, Elements of Machine Design II	3	ME 451, Systems and Controls	3
ME 455 or ME 456 <sup>2</sup>	2	ME 469 or ME 479 <sup>2</sup>	4
Geography 320, Cultural Geography	3	Tech Elect: Either ME 452, AE 351, or IE 300	3
History 221, American History I	3	History 222, American History II	3
	15		17

<sup>1</sup> Refer to Liberal Arts core requirements.

<sup>2</sup> ME 469 must be taken with ME 455 or ME 479 must be taken with ME 456.

### **Suggested 5-Year Schedule of Courses Required for Nuclear Engineering**

#### **Austin Peay State University**

##### **Freshman Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
English 1010, English Comp. I	3	English 1020, English Comp. II	3
Math 1910, Calculus & Analytic Geom. I	5	Math 1920, Calculus & Analytic Geom.	5
Physics 2110, General Physics I	5	Physics 2120, General Physics II	5
Chemistry 1110, General Chemistry	4	Chemistry 1120, General Chemistry II	4
PE or ROTC	<u>1</u>		17
	18		

##### **Sophomore Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
Physics 3005, Theoret. Methods for Sci/Eng	4	Physics 3010, Intermediate Mechanics	3
Physics 3700, Modern Physics	3	Physics 3550, Exper. Methods for Sci/Engr	3
Physics 370L, Modern Physics Lab	1	Engr. Tech. 1020, CAD & Design I	4
Math 2110, Calculus III	3	Economics 2010, Macroeconomics	3
Health & Human Perf. 1260, Personal Health	3	Music, Art, or Theatre <sup>1</sup>	3
CSCI 1010, Intro. to Programming	3	PE, Band, or ROTC	<u>1</u>
	17		17

##### **Junior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
Physics 3100, Optics	3	Physics 3030, Electricity & Magnetism	3
Math 3120, Differential Equations	3	Physics 3060, Advanced Circuits	3
Physics 3050, Intro to Circuits	3	Physics 306L, Advanced Circuits Lab II	1
Physics 305L, Circuits Lab I	1	Physics 4000, Computat. Mthds. for Sci/Engr	3
English 2030, Traditions in World Literature	3	Music, Art, or Theatre <sup>1</sup>	3
COMM 1010, Fund. of Public Speaking	3	Philosophy 2400, Business Ethics	3
	16		16



**The University of Tennessee**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
NE 200, Intro. to Nuclear & Radiological En	1	NE 342, Thermal Science	3
NE 203, Thermodynamics I	3	NE 470, Nuclear Reactor Theory	3
NE 301, Fundamentals of Nuclear Engr.	3	NE 406, Radiation Shielding	3
NE 351, Nuclear Dynamics and Control	3	NE 431, Radiation Protection	3
Physics 341, Intro to Nuclear Physics	3	Geography 320, Cultural Geography	3
Math 403, Math Methods for Engr. & Sci.	3		
	16		15

**Senior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
NE 304, Nuclear Engineering Lab	3	NE 406, Nuclear Engineering Lab II	3
NE 360, Reactor Systems and Safety	3	NE 472, Nuclear System Design	4
NE 400, Senior Seminar	1	IE 405, Engineering Economics Analysis	3
NE 404, Nuclear Fuel Cycle	3	ME 402, Fundamentals of Engineering	1
MSE 201, Intro. to Materials Sci. & Engr.	3	History 222, American History II	3
History 221, American History I	3		
	16		14

<sup>1</sup> Refer to Liberal Arts core requirements.

**Suggested 5-Year Schedule of Courses Required for  
Nuclear Engineering  
With a concentration in Radiological Engineering**

**Austin Peay State University****Freshman Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
English 1010, English Comp. I	3	English 1020, English Comp. II	3
Math 1910, Calculus & Analytic Geom. I	5	Math 1920, Calculus & Analytic Geom.	5
Physics 2110, General Physics I	5	Physics 2120, General Physics II	5
Chemistry 1110, General Chemistry	4	Chemistry 1120, General Chemistry II	4
PE or ROTC	1		17
	18		

**Sophomore Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
Physics 3005, Theoret. Methods for Sci/Eng	4	Physics 3010, Intermediate Mechanics	3
Physics 3700, Modern Physics	3	Physics 3550, Exper. Methods for Sci/Engr	3
Physics 370L, Modern Physics Lab	1	Engr. Tech. 1020, CAD & Design I	4
Math 2110, Calculus III	3	Economics 2010, Macroeconomics	3
Health & Human Perf. 1260, Personal Health	3	Music, Art, or Theatre <sup>1</sup>	3
CSCI 1010, Intro. to Programming	3	PE, Band, or ROTC	1
	17		17

**Junior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
Physics 3100, Optics	3	Physics 3030, Electricity & Magnetism	3
Math 3120, Differential Equations	3	Physics 3060, Advanced Circuits	3
Physics 3050, Intro to Circuits	3	Physics 306L, Advanced Circuits Lab II	1
Physics 305L, Circuits Lab I	1	Physics 4000, Computat. Mthds. for Sci/Engr	3
English 2030, Traditions in World Literature	3	Music, Art, or Theatre <sup>1</sup>	3
COMM 1010, Fund. of Public Speaking	3	Philosophy 2400, Business Ethics	3
	16		16

**The University of Tennessee**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
NE 200, Intro. to Nuclear & Radiological En	1	NE 342, Thermal Science	3
NE 203, Thermodynamics I	3	NE 470, Nuclear Reactor Theory	3
NE 301, Fundamentals of Nuclear Engr.	3	NE 406, Radiation Shielding	3
NE 351, Nuclear Dynamics and Control	3	BCMB 230, Human Physiology	5
Physics 341, Intro to Nuclear Physics	3	Math 403, Math Methods for Engr. & Sci.	3
Biology 140	4		
	17		17

**Senior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
NE 304, Nuclear Engineering Lab	3	NE 403, Nuclear Engineering Lab II	3
NE 400, Senior Seminar	1	NE 472, Nuclear System Design	4
NE 404, Nuclear Fuel Cycle	3	IE 405, Engineering Economics Analysis	3
NE 431, Radiation Protection	3	ME 402, Fundamentals of Engineering	1
Tech Elect: BCMB 310/Chem 350/Stat 251	3	History 222, American History II	3
History 221, American History I	3	Geography 320, Cultural Geography	3
	16		17

<sup>1</sup> Refer to Liberal Arts core requirements.**PHYSICS DISTRIBUTIVE MAJOR  
CONCENTRATION IN COMPUTATIONAL METHODS****List of Required Courses**

Physics: 2110, 2120, 3005, 3010, 3030, 3100, 3550, 3700, 3701, and 4000  
 Math: 1910, 1920, 2110, 3120, 3130, 3450, 4450, 4460, and 4670  
 Computer Science: 1010, 2010, 3005, and 3250

**Description of Program**

This unique concentration exists at few universities in the nation. Computational methods combine the application of numerical methods, models, and algorithms in the context of solving problems that are intractable by traditional methods. It is distinct from computer science, which is the study of computers and computation, and it is different from theory and experiment, the traditional forms of science, in that it seeks to gain understanding principally through the analysis of mathematical models. This concentration will prepare students for a career in modern industry, a government organization such as NASA, or for graduate studies in fields such as structural analysis, molecular modeling, network modeling or computational fluid dynamics.

## Recommended 4-Year Schedule

### Freshman Year

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
English 1010, English Comp. I	3	English 1020, English Comp. II	3
Math 1910, Calculus & Analytic Geom. I	5	Math 1920, Calculus & Analytic Geom.	5
Physics 2110, General Physics I	5	Physics 2120, General Physics II	5
CSCI 1010, Intro to Programming I	3	CSCI 2010, Intro to Programming II	3
PE or ROTC	<u>1</u>	PE or ROTC	<u>1</u>
	17		17

### Sophomore Year

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
Physics 3005, Theoret. Methods for Sci/Engr	4	Physics 3010, Intermediate Mechanics	3
Physics 3700, Modern Physics	3	Physics 3550, Exper. Methods for Sci/Engr	3
Physics 370L, Modern Physics Lab	1	COMM 1010, Fund. of Public Speaking	3
Math 2110, Calculus III	3	Music, Art, or Theatre <sup>1</sup>	3
CSCI 3005, Object-Oriented Programming	3	CSCI 3250, Data Struc. and Algor. Anal.	3
Economics 2010, Macroeconomics	<u>2</u>	Elective	<u>2</u>
	18		18

### Junior Year

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
Physics 3100, Optics	3	Physics 3030, Electricity & Magnetism	3
Math 3120, Differential Equations	3	Math, Physics, or CSCI Elective	3
Math 3450, Linear Algebra	3	Philosophy 2400, Business Ethics	3
Math 4670, Numerical Analysis	3	Math 3120, Differential Equations II	3
History 2010, American History I	<u>2</u>	History 2020, American History II	<u>2</u>
	15		15

### Senior Year

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
Math 4450, Mathematical Models	3	Math 4460, Applied Mathematics	3
Math, Physics, or CSCI Elective	3	Music, Art, or Theatre <sup>1</sup>	3
Psychology 2210, Human Interaction	3	Physics 4000, Computat. Mths. for Sci/Engr	3
PSCI 2070, International Politics	3	English 2030, Traditions in World Literature	3
Mgt. 3010, Principles of Management	<u>2</u>	Mkt. 3010, Principles of Marketing	<u>2</u>
	15		15

<sup>1</sup> Refer to Liberal Arts core requirements

## PHYSICS DISTRIBUTIVE MAJOR CONCENTRATION IN OPTOELECTRONICS

### List of Required Courses

Physics: 2110, 2120, 3005, 3010, 3030, 3050, 3051, 3060, 3061, 3550, 3700, 3701, 4000, and 4100  
 Computer Science: 1010, 2010, 3100, 3410, 3700, 4100, and 4500  
 Math: 1910, 1920, 2110, and 3120  
 Management and Marketing: 3010

### Description of Program

Optoelectronics businesses manufacture components such as lasers, optical discs, image sensors, or optical fibers, and all sorts of equipment and systems that are critically dependent on optoelectronics components. In North America, optoelectronics businesses, research labs, and universities provide skilled and productive jobs for an estimated 150,000 people. The articles “The Triumph of the Light”, “The Rise of Optical Switching”, and “Routing Packets with Lights”, which appeared in the January 2001 issue of *Scientific American* pp 81-99, tout the bright future of the optoelectronics industry. This program prepares students for direct entry into this booming field.

### Recommended 4-Year Schedule

#### Freshman Year

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
English 1010, English Comp. I	3	English 1020, English Comp. II	3
Math 1910, Calculus & Analytic Geom. I	5	Math 1920, Calculus & Analytic Geom.	5
Physics 2110, General Physics I	5	Physics 2120, General Physics II	5
CSCI 1010, Intro to Programming I	3	CSCI 2010, Intro to Programming II	3
PE or ROTC	$\frac{1}{2}$	PE or ROTC	$\frac{1}{2}$
	17		17

#### Sophomore Year

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
Physics 3005, Theoret. Methods for Sci/Engr	4	Physics 3010, Intermediate Mechanics	3
Physics 3700, Modern Physics	3	Physics 3550, Exper. Methods for Sci/Engr	3
Physics 370L, Modern Physics Lab	1	COMM 1010, Fund. of Public Speaking	3
Math 2110, Calculus III	3	Music, Art, or Theatre <sup>1</sup>	3
CSCI 3400, Computer Organization I	3	CSCI 3410, Computer Organization II	3
Economics 2010, Macroeconomics	$\frac{3}{2}$		15
	17		

#### Junior Year

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
Physics 3100, Optics	3	Physics 3030, Electricity & Magnetism	3
Math 3120, Differential Equations	3	Physics 4000, Computat. Mthds. for Sci/Engr	3
CSCI 3700, Data Comm. and Networking	3	Philosophy 2400, Business Ethics	3
Math 4670, Numerical Analysis	3	Music, Art, or Theatre <sup>1</sup>	3
History 2010, American History I	$\frac{3}{2}$	History 2020, American History II	$\frac{3}{2}$
	15		15

#### Senior Year

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
Physics 3050, Intro to Circuits	3	Physics 3060, Advanced Circuits	3
Physics 3051, Circuits Lab I	1	Physics 3061, Circuits Lab II	1
CSCI 4100, Operating Sys. and Architecture	3	Physics 4100, Optoelectronics	3
Psychology 2210, Human Interaction	3	CSCI 4500, Intro. to Computer Networks	3
PSCI 2070, International Politics	3	English 2030, Traditions in World Literature	3
Mgt. 3010, Principles of Management	$\frac{3}{2}$	Mkt. 3010, Principles of Marketing	$\frac{3}{2}$
	16		16

<sup>1</sup> Refer to Liberal Arts core requirements.

## PHYSICS DISTRIBUTIVE MAJOR CONCENTRATION IN PROFESSIONAL MANAGEMENT

### List of Required Courses

Physics: 2110, 2120, 3005, 3010, 3030, 3100, 3550, 3700, 3701, and 4000	
Math: 1910, 1920, 2110, and 3120	Computer Science: 1010
Accounting: 2010, 2020	Economics: 2010, 2020
Finance: 3010	Management: 3010, 3110
Marketing: 3010	Quantitative Methods: 2110, 3110

### Description of Program

This concentration addresses the serious shortage of business managers with a solid grounding in the hard sciences. Students will concentrate on the basics of business administration while gaining a thorough understanding of computers, lasers, experimental and computational techniques, and the standard problem solving skills of a physicist. This option satisfies the entrance requirements for most MBA programs.

### Recommended 4-Year Schedule

#### Freshman Year

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
English 1010, English Comp. I	3	English 1020, English Comp. II	3
Math 1910, Calculus & Analytic Geom. I	5	Math 1920, Calculus & Analytic Geom.	5
Physics 2110, General Physics I	5	Physics 2120, General Physics II	5
CSCI 1010, Intro to Programming I	3	Economics 2010, Macroeconomics	3
PE or ROTC	<u>1</u>	PE or ROTC	<u>1</u>
	17		17

#### Sophomore Year

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
Physics 3005, Theoret. Methods for Sci/Engr	4	Physics 3010, Intermediate Mechanics	3
Economics 2020, Macroeconomics	3	Physics 3550, Exper. Methods for Sci/Engr	3
Math 2110, Calculus III	3	Speech 1010, Fund. of Public Speaking	3
ACCT 2010, Principles of Accounting I	3	QM 3110, Business and Econ. Stats. II	3
QM 2110, Business and Econ. Stats. I	<u>3</u>	ACCT 2020, Principles of Accounting II	<u>3</u>
	16		15

#### Junior Year

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
Music, Art, or Theatre <sup>1</sup>	3	Physics 3030, Electricity & Magnetism	3
Math 3120, Differential Equations	3	PSY 2210, Human Interaction	3
Physics 3700, Modern Physics	3	Philosophy 2400, Business Ethics	3
Physics 370L, Modern Physics Lab	1	Music, Art, or Theatre <sup>1</sup>	3
MGT 3010, Principles of Management	3	MKT 3010, Principles of Marketing	3
FIN 3010, Principles of Finance	<u>3</u>	English 2030, Traditions in World Literature	<u>3</u>
	16		18

**Senior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
Physics 3100, Optics	3	Physics 4000, Computat. Mthds. for Sci/Engr	3
History 2010, American History I	3	History 2020, American History II	3
PSCI 2010, American National Government	3	MGT 4110, International Management	3
MGT 3110, Organization Behavior	3	DSCI 3410, Production/Operations Mgt.	3
MGT 3610, Entrepreneurship	3	Mkt. 4150, Industrial Marketing	3
	15		15

<sup>1</sup> Refer to Liberal Arts core requirements.

**PHYSICS DISTRIBUTIVE TEACHING MAJOR:** students completing this program will satisfy State of Tennessee guidelines for licensure to teach physics and general science; 1200, 2110, 2120, 3005, 3700, 3701, 3901; MATH 1910, 1920; BIOL 1010, 4400; CHEM 1010 or 1110; GEOL 1040; and the Professional Education minor. Professional Teaching is required for licensure.

**Freshman Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
PHYS 2110	5	PHYS 2120	5
MATH 1910	5	MATH 1920	5
ENGL 1010	3	ENGL 1020	3
HHP 1260	3	CSCI 1010	3
PHED, Band, or ROTC <sup>1</sup>	<u>1</u>	PHED or ROTC <sup>1</sup>	<u>1</u>
	17		17

**Sophomore Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
PHYS 3005	4	PHYS 3010	3
PHYS 3700	3	PHYS 3550	3
PHYS 3701	1	COMM 1010	3
Humanities core <sup>1</sup>	3	Electives	<u>6</u>
Elective	<u>3</u>		15
	17		

**Junior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
PHYS 3100	3	PHYS 3030	3
PHYS 3800	3	PHYS 3100	3
PHYS 3901	1	PHYS 4000	3
Humanities core <sup>1</sup>	3	HIST 2020	3
HIST 2010	<u>3</u>	Humanities core <sup>1</sup>	3
Elective	<u>3</u>	Computer Science	<u>3</u>
	16		18

**Senior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
PHYS 3900	3	PHYS 4010	3
PHYS 4810	3	PHYS 4830	3
Humanities core <sup>1</sup>	3	Electives	3
Electives	<u>2</u>	Social Science core <sup>1</sup>	<u>6</u>
	17		15

<sup>1</sup> Refer to Liberal Arts core requirements.

**MINOR (18 Hours):** 2110, 2120; select eight hours from 3005, 3010, 3030, 3100, 3550, 3700, 3701, 3800, 3900, 3901, 4000.

**PRE-ENGINEERING**

See Physics, page 162 for 3+2 Dual Degree Programs in Physics and Engineering.

**POLITICAL SCIENCE (B.A./B.S.)**

*College of Professional Programs and Social Sciences*

D. Kanervo (Chair), Kenney, Warren.

**POLITICAL SCIENCE MAJOR (33 Hours):** 2010, 2040, 2070, 3760; select 21 upper division hours excluding 453A, B, C and above. Courses numbered 453A, B, C, 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 departmental exit exam is taken during the last semester before graduation.

**POLITICAL SCIENCE MAJOR WITH LEGAL STUDIES CONCENTRATION (51 Hours):** 1000, 1002, 1004, 1005, 1006, 1008, 2010, 2040, 2070, 3760, 4310, 4320, 4340; select 12 additional upper level hours excluding 4540 and above except by permission of the chair. No minor is required. A departmental exit exam is taken during the last semester before graduation.

**POLITICAL SCIENCE TEACHING LICENSURE:** students interested in teaching may be licensed in the State of Tennessee by also completing ECON 2010, GEOG 1020, 1030, HIST 4400, PSCI 2010, SOC 2010, required history emphasis (HIST 1210, 1220, 2010, 2020), the Professional Education minor and Student Teaching.

**SUGGESTED PROGRAM OF STUDY**

The suggested plan below is only a model. Students should plan their schedules based on past performance, residence, outside work, or extracurricular activities. To graduate in four years, students should take 32 hours each year. Each student should consult an advisor when planning his/her schedule.

**Freshman Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
Science	4	Science	4
MATH 1110	3	MATH 1530	3
ENGL 1010	3	ENGL 1020	3
PSCI 2010	3	PSCI 2040	3
Elective	3	PHED, ROTC*	1
PHED, Band, ROTC*	1	Elective	3
	17		17

**Sophomore Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
HIST 2010	3	HIST 2020	3
COMM 1010	3	ENGL 2040	3
ART 1030	3	HHP 1260	3
ENGL 2030	3	MUS 1030	3
PSCI 2070	3	PSCI Elective	3
SOC 2010	3		15
	18		



**Junior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
PSCI 3760	3	PSCI Upper Division Elective	3
PSCI Upper Division Elective	3	PSCI Upper Division Elective	3
PSCI Upper Division Elective	3	Minor requirement	3
Minor requirement	3	Core requirement*	3
Core requirement*	3	Elective	3
	15		15

**Senior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
PSCI Upper Division Elective	3	PSCI Upper Division Elective	3
PSCI Upper Division Elective	3	PSCI Upper Division Elective	3
Minor electives	6	Minor electives	6
Electives	4	Electives	4
	16		16

\* Refer to Liberal Arts core requirements.

### **DISTRIBUTIVE MAJOR IN PUBLIC MANAGEMENT WITH CONCENTRATION IN POLITICAL SCIENCE**

See Public Management, page 187

**POLITICAL SCIENCE MINOR (18 HOURS):** 2010, 2040, 2070; select nine hours upper division courses excluding 453A, B, C, and above.

### **PREAGRICULTURAL EDUCATION (Three Year Transfer Program)**

**Department of Agriculture**

**College of Science and Mathematics**

Advisor: Dr. J. Goode

**SUGGESTED PROGRAM OF STUDY**

<i>Freshman</i>	<i>Cr.</i>	<i>Sophomore</i>	<i>Cr.</i>
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	EDUC 3040	3
COMM 1010	3	Humanities core	6
		SPED 3000	3
<i>Junior</i>	<i>Cr.</i>		
AGRI 3020, 3220, 3310, 3330, 4500	16		
PSY 3130, 3200	6		
Humanities core	6		
Mathematics core	6		

## PREDENTAL HYGIENE (Two Year Transfer Program)

Department of Chemistry

College of Science and Mathematics

Advisor: Dr. J. Foote

Students who expect to apply for admission to a school of Dental Hygiene should obtain, from that school, the preidental hygiene curriculum requirements since requirements may vary among schools.

The two-year program of preidental 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 preidental hygiene coursework must be completed prior to enrollment. All electives must be theory based. 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. Admission to the dental hygiene program is competitive.

### SUGGESTED PROGRAM OF STUDY

#### Freshman Year

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
CHEM 1010 <sup>1</sup>	4	CHEM 1020 <sup>1</sup>	4
BIOL 2010 <sup>1</sup>	4	BIOL 2020 <sup>1</sup>	4
ENGL 1010	3	ENGL 1020	3
PSY 1020	3	PSY 1030	3
Elective	3	Elective	3
	17		17

#### Sophomore Year

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
BIOL 1010 <sup>1</sup>	4	CSCI 1000	4
SOC 2010	3	BIOL 3300 <sup>1</sup>	4
ENGL 2030	3	SOC 2050	3
COMM 1010	3	ENGL 20xx	3
Education <sup>2</sup>	3	Education <sup>2</sup>	3
	16		17

<sup>1</sup> All science courses must include laboratory.

<sup>2</sup> Select from SPED 3300, 3330, EC 4130. Education courses are recommended.

## PREDENTISTRY (Three or Four Year Program)

Department of Chemistry

College of Science and Mathematics

Advisor: Dr. J. Foote

The preidental 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 16 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 preidental 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 94).

**SUGGESTED PROGRAM OF STUDY (Three Year)****Freshman Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
ENGL 1010	3	ENGL 1020	3
BIOL 1010 <sup>1</sup>	4	BIOL 1020 <sup>1</sup>	4
CHEM 1110 <sup>1</sup>	4	CHEM 1120 <sup>1</sup>	4
PHED, ROTC, Band <sup>2</sup>	1	PHED, ROTC <sup>2</sup>	1
MATH 1110 or 1720	3	MATH 1120 or 1910	3-5
	15		15-17

**Sophomore Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
ENGL 2030	3	ENGL 20xx	3
CHEM 3510 <sup>1</sup>	4	CHEM 3520 <sup>1</sup>	4
PHYS 2010 <sup>1</sup>	5	BIOL 2010 <sup>1</sup>	4
BIOL 4130 <sup>1</sup>	4	BIOL 3060 <sup>1,3</sup>	4
COMM 1010	3	HHP 1210 or 1260	3
	19		18

**Junior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
HIST 2010	3	HIST 2020 or 2030	3
CHEM 3210 <sup>1</sup>	4	CHEM 3220 <sup>1</sup>	4
Humanities core	3	Humanities core	3
Social Science core	3	Social Science core	3
Elective	3	Elective	3
	16		16

<sup>1</sup> All science courses must include laboratory.

<sup>2</sup> Refer to Liberal Arts core requirements.

<sup>3</sup> Biology 2010 may be substituted for PHYS 2020 (University of Tennessee recommendation)

The DAT (Dental Admissions Test) should be taken in the Spring Semester of the junior year.

**PREENGINEERING**

See Physics, page 162

**PREFOOD TECHNOLOGY (Two Year Transfer Program)**

Department of Agriculture

College of Science and Mathematics

Advisor: Dr. Hunt

**SUGGESTED PROGRAM OF STUDY**

<i>Freshman</i>	<i>Cr.</i>	<i>Sophomore</i>	<i>Cr.</i>
AGRI 1000, 1310, 1410, 2320	11	AGRI 2210, 3500	7
BIOL 1010, 1020	8	BIOL 2300	4
ENGL 1010, 1020	6	BLAW 3300	3
PHYS 1010, 1020	8	CHEM 1110, 1120	8
		MIS 1200	3
		MATH 1110, 1120	6
		COMM 1010	3

## **PREFORESTRY (Two Year Transfer Program)**

**Department of Agriculture**

**College of Science and Mathematics**

Advisor: Dr. J. Matthews

### **SUGGESTED PROGRAM OF STUDY**

<i>Freshman</i>	<i>Cr.</i>	<i>Sophomore</i>	<i>Cr.</i>
AGRI 1000, 1310, 1410	8	AGRI 2210, 4430	7
BIOL 1010, 1020	8	CHEM 1110, 1120	8
ENGL 1010, 1020	6	ECON 2020	3
MATH 1110, 1810	6	MATH 1530	3
MIS 1200	3	COMM 1010	3
		BIOL 4080	4
		Humanities core	6

## **PRELAW**

Advisors: Dr. D. Kanervo, Dr. R. Shain

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 restriction of the major and minor they elect.

## **PREMEDICINE (Four Year Program)**

**Department of Chemistry**

**College of Science and Mathematics**

Advisor: Dr. R. Robertson

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, eight hours; organic chemistry, eight hours; general physics, ten hours; English composition, six hours. In addition the behavioral sciences-psychology, sociology and economics-are considered valuable. Higher mathematics, computer courses, languages, literature, philosophy, history, political science, etymology and statistics are also recommended 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**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
ENGL 1010	3	ENGL 1020	3
BIOL 1010	4	BIOL 1020 or 3060	4
CHEM 1110	4	CHEM 1120	4
Mathematics core <sup>1</sup>	3-5	Mathematics core <sup>1</sup>	3-5
PHED, ROTC, Band <sup>1</sup>	1	PHED, ROTC <sup>1</sup>	1
	15-17		15-17

**Sophomore Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
PHYS 2010	5	PHYS 2020	5
CHEM 3510	4	CHEM 3520	4
HIST 2010 <sup>2</sup>	3	HIST 2020 <sup>2</sup>	3
COMM 1010 or 2030	3	Health and Personal	
Humanities core <sup>1</sup>	3	Development core <sup>1</sup>	3
	18	Humanities core <sup>1</sup>	3
			18

**Junior-Senior Years**

Humanities core (6 hours), Social Science (6 hours), and electives as recommended above. Students should take the MCAT in the spring of the junior year and apply to medical schools 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.

<sup>1</sup> Refer to Liberal Arts core requirements.

<sup>2</sup> HIST 2030 may substitute for either 2010 or 2020.

**PREOPTOMETRY (Two or Three Year Transfer Program)****Department of Biology****College of Science and Mathematics**

Advisor: Dr. Keith Belcher

Students may be eligible for a B.S. degree (in absentia) after successful completion of the professional school, provided the requirements outlined on pages 94 and 95 have been met. Students may elect to transfer to an accredited professional school of optometry after completing two years at APSU and should consult with their academic advisor to 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**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
CHEM 1110	4	CHEM 120	4
BIOL 1010	4	BIOL 1020	4
MATH 1110	3	MATH 1120	3
ENGL 1010	3	ENGL 1020	3
Elective	2	PSY 1020	3
	17		17

**Sophomore Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
PHYS 2010	4	MATH 1920	5
BIOL 2300	4	PHYS 2020	5
MATH 1910	5	HIST 2020 or 2030	3
HIST 2010	3	Elective <sup>2</sup>	3
PHED, ROTC, Band <sup>1</sup>	1	PHED, ROTC <sup>1</sup>	1
	17		17

**Junior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
MATH 1530	3	ENGL 20xx	3
BIOL 4110	4	COMM 1010	3
CSCI 1000	3	Electives <sup>2</sup>	5
ENGL 2030	3	ART 3200	3
CHEM 3510	4	CHEM 3520	4
	17		18

**Senior Year<sup>3</sup>**

<sup>1</sup> Refer to Liberal Arts core requirements.

<sup>2</sup> Suggested possibilities: ECON 2010, 2020, ACCT 2010, 2020; or CHEM 3510, 3520.

<sup>3</sup> Successful completion of professional program in a nationally accredited school of optometry.

**PREPHARMACY (Two Year Transfer Program)**

**Department of Chemistry**

**College of Science and Mathematics**

Advisor: Dr. J. Foote

The applicant for admission to the College of Pharmacy of The University of Tennessee at Memphis must present a minimum of 66 hours exclusive of physical education (or substitutions), and is required to take the Pharmacy College Admission Test. Requirements for other pharmacy schools are similar. However, 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 The University of Tennessee College of Pharmacy. Students should consult the University of Tennessee BULLETIN for exact requirements.

**SUGGESTED PROGRAM OF STUDY****Freshman Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
ENGL 1010	3	ENGL 1020	3
CHEM 1110 <sup>1</sup>	4	BIOL 1020 <sup>1,2</sup>	4
BIOL 1010 <sup>1,2</sup>	4	CHEM 1120 <sup>1</sup>	4
HIST 2010 <sup>3</sup>	3	HIST 2020 or 2030	3
MATH 1530	2	Computer Science	2
	17		17

**Sophomore Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
PHYS 2010 <sup>1</sup>	5	PHYS 2020 <sup>1</sup>	5
CHEM 3510 <sup>1</sup>	4	CHEM 3520 <sup>1</sup>	4
BIOL 2300 <sup>1</sup>	3	COMM 1010	3
PSY 1020 or 1030	3	MATH 1910	5
Elective <sup>4</sup>	2	Elective <sup>4</sup>	2
	19		20

<sup>1</sup> All science courses must include laboratory.

<sup>2</sup> The University of Kentucky College of Pharmacy requires microbiology in addition to general biology.

<sup>3</sup> The University of Tennessee at Memphis requires six hours from among literature, history, language, or philosophy. Other schools require both history and literature.

<sup>4</sup> In addition to psychology, three hours should be selected from Social Science (political science, economics, or sociology)

**PREPHARMACY (Three Year Transfer Program)****Department of Chemistry****College of Science and Mathematics**

Advisor: Dr. J. Foote

The applicant to the University of Tennessee College of Pharmacy is required 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 pages 94-95.

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**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
ENGL 1010	3	ENGL 1020	3
CHEM 1110 <sup>1</sup>	4	CHEM 1120 <sup>1</sup>	4
BIOL 1010 <sup>1,2</sup>	4	BIOL 1020 <sup>1,2</sup>	4
PHED, ROTC, Band <sup>3</sup>	1	PHED, ROTC <sup>3</sup>	1
MATH 1110 or 1720	2	MATH 1910	5
	15		17

**Sophomore Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
PHYS 2010 <sup>1</sup>	5	PHYS 2020 <sup>1</sup>	5
CHEM 3510 <sup>1</sup>	4	CHEM 3520 <sup>1</sup>	4
ECON 2010	3	COMM 1010	3
HHP 1210 or 1260	3	Humanities core <sup>3</sup>	3
BIOL 2300	4	Major or Minor elective <sup>5</sup>	3
	19		18

**Junior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
ENGL 2030 <sup>4</sup>	3	ENGL 20xx	3
HIST 2010 <sup>4</sup>	3	HIST 2020 or 2030	3
MATH 1530	3	PSY 1030	3
PSY 1020	3	ART 1030 or 3200	3
Major or Minor elective <sup>5</sup>	3	Major or Minor elective <sup>5</sup>	3
	15		15

<sup>1</sup> All science courses must include laboratory.

<sup>2</sup> The University of Kentucky College of Pharmacy requires microbiology in addition to general biology.

<sup>3</sup> Refer to Liberal Arts core requirements.

<sup>4</sup> UT Memphis requires six hours from literature, history, language or philosophy. Other schools require both history and literature.

<sup>5</sup> 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 which they plan to attend.

## **PREPHYSICAL THERAPY (Three Year Transfer or Bachelors Degree Program)**

### **Department of Biology**

### **College of Science and Mathematics**

Advisor: Dr. O'Drobinak

The Prephysical Therapy program of study provides a guide for satisfying the various academic requirements for each of the graduate Physical Therapy (PT) programs in the State of Tennessee. Students interested in applying for admission to PT programs should consult with their academic advisor and select courses required by the individual programs before registering for their sophomore year. Students should be eligible to apply to a PT school at the completion of three years at APSU with a minimum 3.0 cumulative GPA. Acceptance into a PT program is extremely competitive. Substitution of eight semester hours of 3000-4999 level biology courses should be requested by the student when applying to PT programs with a general biology prerequisite. Students electing to finish a bachelors degree should select a major and minor field of study and fulfill the remainder of the Liberal Arts core requirements.

**SUGGESTED PROGRAM OF STUDY****Freshman Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
BIOL 2010	4	BIOL 2020	4
CHEM 1110	4	CHEM 1120	4
ENGL 1010	3	ENGL 1020	3
MATH 1110	3	MATH 1720	3
COMM 1010 <sup>1</sup>	3	PSY 1020	3
	17	PHED, ROTC	1
			18



**Sophomore Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
BIOL 2300	4	BIOL 4130	4
PHYS 2010	5	PHYS 2020	5
HIST 2010	3	HIST 2020	3
PSY 2010	3	ART 3200	3
PHED, ROTC, Band	1	PSY 2210 <sup>1</sup>	3
	16		18

**Junior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
CSCI 1000	3	BIOL 4160	4
ENGL 2030	3	SOC 2010 <sup>1</sup>	3
MUS 1030	3	PSY 3120 <sup>1</sup>	3
HHP 4250	3	HHP 4220	3
	12	PHIL 2100 or 2300	3
			16

<sup>1</sup> Strongly recommended, however other courses from the approved B.S. Curriculum may be elected.

**PRESIDENT'S EMERGING LEADERS PROGRAM****Office of Academic Affairs**

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. Decisions concerning final acceptance will be made by the Selection Committee based on the above criteria; 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 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 first 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 them for 8-10 contacts (example: attending a civic club meeting, business luncheon, or staff meeting).
4. Students shall enroll for at least three 3000-4999 level courses which have leadership components during their junior and senior years. 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.

## **PREVETERINARY MEDICINE (Three or Four Year Transfer Program)**

**Department of Agriculture**

**College of Science and Mathematics**

Advisor: Dr. G. Hunt

APSU offers a preveterinary medicine program that prepares the student for applying to The University of Tennessee College of Veterinary Medicine. Most veterinary schools have similar admission requirements, and APSU's program can be modified to meet the requirements of most.

The preveterinary program of study allows students to apply for veterinary school the junior year (or the senior year should they not complete all requirements as a junior). The student has two degree options at Austin Peay: (1) the student may apply for a degree granted in absentia (page 94) after having successfully completed the first year of veterinary school; or, (2) the student may complete all the requirements in the four-year curriculum and receive a B.S. Degree in Agriculture.

The preveterinary program of study includes more course work than the minimum for applying to veterinary school. These additional courses are included to improve the student's chances for success in veterinary school and to complete B.S. degree requirements. Seldom, if ever, is a student accepted to veterinary school with only the minimum number of courses.

### **SUGGESTED PROGRAM OF STUDY**

<i>Freshman</i>	<i>Cr.</i>	<i>Sophomore</i>	<i>Cr.</i>
AGRI 1000, 1310, 1410	8	AGRI 3310, 2310	7
BIOL 1010, 1020	8	CHEM 3510, 3520	8
CHEM 1110, 1120	8	History core	6
ENGL 1010, 1020	6	Humanities core	6
MATH 1720	3	PHYS 2010, 2020	10
<i>Junior</i>	<i>Cr.</i>	<i>Senior</i>	<i>Cr.</i>
AGRI 3110, 3330, 3500, 4430	11	AGRI 2210, 3350, 3610, 3620	10
BIOL 4440	4	BIOL 3060, 4200	8
CHEM 4300	4	Linguistics	3
ECON 2010	3	Electives	3
PHED, ROTC, Band	2	COMM 1010	3
HHP 1210	3	Social Science core	3
Humanities core	6	MIS 1200	3

## **PROFESSIONAL STUDIES**

### **School of Technology and Public Management**

The Austin Peay Center @ Fort Campbell offers the Bachelor of Professional Studies degree (B.P.S.). This degree is intended for students who have completed Associate of Applied Science (AAS) degrees either at community colleges or technical schools, and who desire to enhance their knowledge, analytical abilities and critical thinking skills for upward mobility in their field. The B.P.S. is not a degree in business. The program is to provide a seamless transition from technical fields to an appropriate baccalaureate program while enhancing the liberal arts component of the students education.

Students entering this program must meet the standard admission requirements of Austin Peay State University. The program is an inverted 2 + 2 program in which the student takes the first two years at a community college or technical school in an associate of applied science program, and completes the junior and senior years at APSU. Because the program is designed to admit students from a wide variety of AAS programs, the curriculum is diverse and varied. Each student must complete a “contract” specifying a program of study listing required courses and prerequisites. Including prerequisites. BPS graduates must complete the TBR core requirements and have 48 hours of upper division credits.

**MAJOR (15 hours):** BLAW 3300; PTMA 3020, 4020; PM 3200 or MGT 3010; PM 3230 or MGT 3210; and select five courses from ENGT 3010, 3610, 3650, 3660, 3790; LDSP 3000; MGT 3610; PM 3240, 3610, 3710, 4810; PTMA 3070, 3500, 4800, MGT 3110 or PM 4120, COMM 3320 or 4020.

## **PSYCHOLOGY**

### ***College of Professional Programs and Social Sciences***

Grah, Baldwin, Bonnington, Bryant, L. Butler, Fung, Golden, Iyer, J. Lewis, McCarthy, Wilson, P., C. Woods, N. Woods.

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**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
PSY 1020	3	PSY 1030	3
Health and Personal Development Core	3	ENGL 1020	3
ENGL 1010	3	HIST 2020	3
HIST 2010	3	MATH 1120 <sup>2</sup>	3
MATH 1110 <sup>2</sup>	3	CSCI 1000 or ENGL 1100 <sup>2</sup>	3
PHED, ROTC, Band <sup>1</sup>	$\frac{1}{16}$	PHED, ROTC <sup>1</sup>	$\frac{1}{16}$

**Sophomore Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
PSY 2000	1	PSY 3180	3
PSY 2010	3	ENGL 20XX <sup>1</sup>	3
ENGL 2030	3	BIOL 2020 <sup>2</sup>	4
BIOL 2010 <sup>2</sup>	4	Humanities core <sup>1</sup>	3
COMM 1010 <sup>2</sup>	3	Social Science core <sup>1</sup>	3
Humanities core <sup>1</sup>	$\frac{2}{17}$		16

**Junior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
PSY 3290	3	Level 3 PSY courses	7
Level 3 PSY courses	7	Minor required course	6
Minor required courses	3	Upper division electives	3
Upper division elective	$\frac{3}{16}$		16

**Senior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
Level 3 PSY courses	6	Level 4 PSY course	3
Minor required courses	6	Psychology elective course	3
Upper division electives	$\frac{6}{18}$	Minor required course	3
		Upper division electives	$\frac{6}{15}$

<sup>1</sup> Refer to Liberal Arts core requirements.

<sup>2</sup> Recommend Liberal Arts core courses.

**MAJOR (42 Hours):** No more than eight hours which count toward another major can be used for a major in Psychology.

**Level 1.** INTRODUCTION AND OVERVIEW: 1020, 1030 (satisfies VI. E. of Liberal Arts core requirement), 2000.

**Level 2.** STATISTICS AND METHODOLOGY: 2010, 3180, 3290.

**Level 3.** CONTENT AREAS:

a. Psychology in the context of laboratory science: select two courses with labs from (3010, 301L), (3020, 302L), (3030, 303L), or (3040, 304L).

b. Psychology in the context of social science: select three from 3110, 3120, 3330, 4060, 4350, 4360.

c. Psychology in the context of application: select one from 3130, 4120, 4140, 4150, 4500.

**Level 4.** INTEGRATIVE EXPERIENCE: Select one from 4000, 4840, 4850.

**Elective course:** select one additional Psychology course.

**MINOR (18 hours):** 1020 and 1030 and electives, at least nine 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.

## PUBLIC ACCOUNTING OPTION (CPA)

See Business, page 117

## PUBLIC MANAGEMENT

### School of Technology and Public Management

Waheeduzzaman (Chair), Abedin, Best, Mock, Prescott

Adjunct Faculty: S. McCoy, C. Butts

The Public Management program is a pre-professional distributive major aimed at providing students with technical and managerial skills plus practical work experience. Students will have the opportunity to accept the challenge of a wide range of occupational interests which have a common focus within the public or quasi-public sectors. The student is equipped with courses providing a solid background in general areas of public management. Considerable flexibility is possible and students may select areas of concentration from the following disciplines: Geology/Geography, Health and Human Performance (Recreation), History, Political Science, Public Management (Criminal Justice) and Sociology. In addition to those listed above, students enrolled in the Public Management program at Fort Campbell may also select from the following concentrations: Criminal Justice (Alternative 2); General Management; Secretarial Procedures; and the following Technology areas: Automotive, Computer Science, Construction, Electronics, Food Service, or Metal Working.

One of the requirements for graduation is that all Public Management majors achieve a satisfactory score on the departmental exit examination. This examination is administered during the Fall and Spring semesters, and Summer term. Candidates for graduation are required to take this examination during the semester/term in which they are to complete their degree requirements.

## SUGGESTED PROGRAM OF STUDY

Students should plan their schedules based on past performance, residence, outside work, or extracurricular activities. To graduate in four years, students should take 30-32 semester hours each year. Each student should consult an advisor when planning their schedule.

### Freshman Year

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
GEOL 1040	4	GEOL 1050	4
Mathematics core <sup>1</sup>	3	Mathematics core <sup>1</sup>	3
ENGL 1010	3	ENGL 1020	3
HIST 2010	3	HIST 2020	3
PHED, ROTC, Band <sup>1</sup>	1	PHED, ROTC <sup>1</sup>	1
	14		14

### Sophomore Year

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
ENGL 2030	3	ENGL 20xx	3
ART 1030	3	MUS 1030	3
COMM 1010	3	PSCI 2010	3
SOC 2010	3	PSY 1020	3
HHP 1210	3	ECON 2010	2
ACCT 2010	2		15
	18		

**Junior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
PM 3200	3	PM 3230	3
PM 3235	3	PM 3250	3
Concentration	6	Concentration	6
Electives	3	Electives	3
	15		15

**Senior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
PM 3760	3	PM 4810	3
Concentration	9	PM 4850	<u>12</u>
Electives	<u>6</u>		15
	18		

<sup>1</sup> Refer to Liberal Arts core requirements.

**DISTRIBUTIVE MAJOR: (57-67 Hours)**

**Public Management core (39 hours)**

ACCT 2010, ECON 2010, PSCI 2010, PM 3200, 3230, 3235, 3240\*, 3250, 3760, 4120, 4810\*; and 4850\*\* or 4860.\*  
 No minor is required.

\* Students enrolled only at Austin Peay Center @ Fort Campbell.

\*\* Students enrolled only on the Main Campus.

**CONCENTRATIONS (18-28 Hours)**

All students must select a concentration from the departments or areas listed below and work with a faculty advisor from that department on course selections.

**Austin Peay State University Campus And  
 Austin Peay Center @ Fort Campbell**

<b>Department - Concentration</b>	<b>Advisor</b>	<b>Requirements</b>
<b>Geology/Geography</b>	Kemmerly	27-28 hours including GEOL 1040*, 1050*, 3030; GEOG 3150, 3200, 3250; GEOG 3230; and select one from GEOG 4000, GEOL 3100.
<b>Health and Human Performance (Recreation)</b>	O. Shepherd	21-24 hours including HHP 2240 and upper level (Recreation) related courses approved by Health and Human Performance advisor.
<b>History</b>	Wallace or Zieren	18-24 hours including HIST 1210*, 1220*, and upper level courses other than HIST 4400 and above approved by the history advisor.
<b>Political Science</b>	D. Kanervo or Warren	24 hours including PSCI 2010, 2040, 2070, and upper level courses other than PSCI 4400 approved by political science advisor.

<b>Public Management (Criminal Justice)</b>	Best	24 hours including PM 3140, 3150, 3170, 3180, 3310, 4330, SOC 3200; select one from: BLAW 3210, 3220, 3300; PM 3160; PSCI 4300, 4310; PSY 1210; SOC 2050, 3050, 3140 as approved by the criminal justice advisor.
<b>Sociology</b>	Hsu	21 hours including: SOC 2010, 2050; 4080 or 4090; and other courses as approved by sociology advisor.

\* Required only if not taken as part of Liberal Arts core requirements.

Students enrolled at the Main Campus or Fort Campbell may select Geology/Geography, Health and Human Performance, History, Political Science, Public Management, Criminal Justice, or Sociology as their concentration. In addition, students enrolled at Fort Campbell may select one of the following concentrations.

### **Austin Peay Center @ Fort Campbell Only**

#### **Criminal Justice (21 hours - Alternative 2):**

LEN 1010	Introduction to Criminal Justice
LEN 1020	Criminal Law and Procedure
LEN 1030	Criminalistics
LEN 2010	Police Administration
LEN 2020	Criminal Investigation
LEN 2030	Criminal Evidence
LEN 2040	Drug Identification and Effects

#### **General Management (21 hours):**

MT 1000	Introduction to Business Environment
MT 2030	Marketing Survey
MT 2050	Principles of Management
MT 2200	Business and Industrial Safety
MT 2250	Introduction to Business Law
MT 2270	Business Ethics
MT 2450	Labor Relations

If courses are not available on the Campus and students must obtain them at the Austin Peay Center @ Fort Campbell, special consideration for fees will be given by the Vice President for Academic Affairs, provided the student is concurrently enrolled full-time on the Campus.

## **PUBLIC RELATIONS CONCENTRATION**

See Communication Arts, page 122

## **RADIOLOGIC TECHNOLOGY (B.S.)**

**Department of Biology**

***College of Science and Mathematics***

Advisors: Dr. K. Belcher, Dr. B. Stone

Adjunct Faculty: Partain, Patton

APSU has an affiliation with the Radiologic Technology School at the Vanderbilt University Medical Center for

training of students seeking certification in Nuclear Medicine Technology or Radiation Therapy Technology. Students desiring to enter one of the programs in radiology should file applications to the appropriate program director at the beginning of the junior year. Students may be eligible for a B.S. degree in absentia after successful completion of the professional program, provided the requirements outlined on page 94 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

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
BIOL 2010	4	BIOL 2020	4
CHEM 1110	4	CHEM 1120	4
ENGL 1010	3	ENGL 1020	3
PSY 1020 <sup>1</sup>	3	MATH 1120 <sup>1</sup>	3
MATH 1110 <sup>2</sup>	3	MUS 1030 <sup>2</sup>	3
	17		17

#### Sophomore Year

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
BIOL 2300	4	BIOL 3760	4
PHYS 2010	5	PHYS 2020	5
HIST 2010	3	HIST 2020	3
PSY 2210 <sup>1</sup>	3	ART 3200 <sup>1</sup>	3
PHED, Band, ROTC <sup>3</sup>	1	COMM 1010	3
	16		18

#### Junior Year

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
ENGL 2030 <sup>1</sup>	3	ENGL 20xx	3
BIOL 3910	4	BIOL 4130	4
PHYS 3901	2	CSCI 1010	3
Elective	3	SOC 3010 <sup>1</sup>	3
	12	PHED, ROTC <sup>3</sup>	1
			14

#### Senior Year<sup>4</sup>

<sup>1</sup> Strongly recommended, however other courses from the approved B.S. academic program may be elected.

<sup>2</sup> More mathematics study is encouraged. A student with good mathematical preparation is encouraged to take MATH 2010, 2020 rather than the sequence listed.

<sup>3</sup> Refer to Liberal Arts core requirements.

<sup>4</sup> Requires satisfactory completion of a clinical internship at a school or radiologic technology approved for such training by an accrediting agency for radiologic technology and APSU.



## REGENTS ONLINE DEGREE PROGRAM (RODP)

Advisor: D. Black

<http://www.apsu.edu/regentsdegree/index.htm>

Tennessee Board of Regents' colleges, universities, and technology centers offer the Regents Online Degree Programs (RODP). APSU is one of six TBR universities that delivers and awards the noted bachelor degrees. Courses completed in the Regents Online Degree Programs are entirely online and transferable among all the participating institutions.

The Regents Online Degree Program (RODP) is an online degree program in which a student can earn a Bachelor's Degree with a major in Professional Studies or Interdisciplinary Studies via the Tennessee Board of Regents Degree Program (RODP) at APSU. Simply stated ... all courses completed in the RODP will be entirely online and will be completely transferable among all the participating institutions that are fully accredited.

These degrees and courses will be offered in an interactive, asynchronous format. That means that you can access your classes anytime and anywhere during the 12 week semester format. Advising, library services, student support, and other forms of student assistance will also be available on-line. Students will have technical support 24 hours per day, 7 days per week.

Two degrees are available through the RODP, the Bachelor of Interdisciplinary Studies a degree tailored to meet your individual needs and the Bachelor of Professional Studies with concentrations in Organizational Leadership or Information Technology prepares you for a career in organizational leadership or a technology-based information management.

## BACHELOR OF INTERDISCIPLINARY STUDIES (BIS)

The Interdisciplinary Studies degree is designed to allow persons to develop majors that are interdisciplinary and individualized. Majors are to be developed around a theme, a significant problem, or topic. The major must include two areas of emphasis, each with a minimum of twelve semester hours. The following emphasis areas are identified: Psychology, English, Public Relations, Information Technology, Organizational Leadership, Communication, Cultural Diversity, and International Studies. Check with the advisor for other possible emphasis areas.

### Other Requirements:

1. The University B.S. Liberal Arts Core ..... 52 hours
2. Two areas of emphasis (Minimum 12 hours per emphasis area) ..... 24 hours
3. Minimum upper division hours ..... 45 hours
4. Minimum 21 of 45 upper division hours **MUST** be at the 4000 level
5. Total Number of credit hours from a University 60 with 30 of the last credits from APSU
6. Minimum 2.0 gpa in courses in major and courses in emphasis areas
7. Total Number of Credit Hours for Bachelor Degree ..... 120 hours

### Related Elective Courses (33)

An additional thirty-three semester hours may be drawn from the noted concentration areas or selected from other areas to complement the degree program.

### Special Project (3)

UNIV 4110 - (Culminating Experience)

\*as approved by advisor

### AND/OR

### Internship (6)

UNIV 4995 (Culminating Career Experience)

\*as approved by advisor

**BACHELOR OF PROFESSIONAL STUDIES (BPS)**

1. The University B.S. Liberal Arts Core .....52 hours
2. Professional Core (required for both concentrations) .....18 hours  
 One course chosen from each area (3 hours each):
  1. Administration & Supervision - PADM 3601, MGMT 3610, MGT 3010, MG 303
  2. Organization Theory and Behavior - PADM 4226 or PM 4120
  3. Team and Organizational Relations - ORCO 3240
  4. Statistical Methods - SOC 451 or SOAA 3350
  5. Written Communication - ENGL 3134 or ENGL 3250
  6. International Context - PISI 435 or SPAN 355
3. Concentrations .....24 hours  
 Organizational Leadership Concentration
  1. Choose five courses (3 hours each) from the following: BMGT 3630, JOUR 3400, PM 3240  
 AHSC 4547, PSYC 3590, PTMA 3500, PSYC 3101
  2. RODP Internship (6) - UNIV 4995
  3. RODP Project (3) - UNIV 4110  
 Information Technology Concentration
  1. Choose five courses (3 hours each) from the following: PTMA 3020, CSC 3700, CS 305  
 INFS 3700, CSCI 3222
  2. RODP Internship (6) - UNIV 4995
  3. RODP Project (3) - UNIV 4110
4. ELECTIVE COURSES - Electives/Additional General Education if need .....18 hours  
 (Your advisor will assist you in selecting the best electives for your program.)
5. OTHER REQUIREMENTS:
  1. Total Number of Credit Hours for Bachelor Degree .....120 hours
  2. Total Number of Credit Hours from a University 60 with 30 of the last credits from APSU;
  3. Minimum 45 upper division hours;
  4. Minimum 2.0 gpa in courses in major and courses in concentration

**RELIGIOUS STUDIES MINOR (18 Hours)**

**Department of History and Philosophy**

**College of Arts and Letters**

Advisor: Dr. A. Randall

PHIL 2200; Select nine hours from PHIL 3050, 3200, 4200, 4500; Select two advisor-approved courses from Philosophy, Art, Literature, History, Sociology, or Greek.

**SOCIAL WORK**

**College of Professional Programs and Social Sciences**

Carter (Chair), Hargrove, Joblin, Stoddard

Adjunct Faculty: Patterson, Weinberg, Quinn

**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 20 specified hours in the Liberal Arts core. Majors are

required to take the following courses prior to SW 3420: BIOL 2010, 2020; SOC 2010; PSCI 2040; PSY 1030, 2210; SW 2110. All social work majors must take the Area Concentration Achievement Test (ACAT) major field exam and the ETS Academic Profile as a graduation requirement. No minor is required.

### **APPLICATION AND ADMISSION REQUIREMENTS**

Students may declare social work as a major at any time, but requirements for formal admission to the social work major are as follows:

1. Completion of SW 2110, 3420;
2. A minimum cumulative GPA of 2.0; and,
3. Identified potential and suitability for the social work profession based on meeting criteria below.

Transfer students and other students who have completed two years or more before selecting social work as their major must apply to the department as soon as they meet the requirements. However, students who do not decide on social work as their major by the beginning of their sophomore year, may not be able to finish degree requirements within four years.

### **SUITABILITY REQUIREMENTS FOR THE SOCIAL WORK MAJOR**

Identified criteria to be considered are:

1. Academic performance - consistent class attendance and the ability to meet deadlines are considered to be positive indicators of a student's effort to meet departmental standards.
2. GPA - students who do not meet the grade-point requirements will be evaluated by a sub-committee of the Community Advisory Committee, and recommendations will be made regarding their termination or continuance as social work majors.
3. Relationship skills - social work requires the ability to relate to persons with problems, non-judgmentally with warmth and genuineness. The ultimate test of the student's interpersonal skills is in relationship with clients. However, observed positive relationships with faculty and students serve as reinforcements to suitability and future professional development.
4. Emotional stability - although no one is completely free of personal problems, one should be able to cope and function in a way that fosters continued self-awareness and growth necessary for professional social work practice.

The Social Work program reserves the right to remove students from the program, if necessary. See the Social Work Student Handbook for details and appeals process.

### **APPLICATION FOR FIELD PRACTICUM**

Students who have completed all of the required social work courses will apply for the Field Practicum during the semester before they register for the Field Practicum. Students will register for SW 4400 the semester before doing their Field Practicum. Students must also be emotionally and psychologically suited for the field as determined by the Field Practicum Director. The determination of when students may enroll for the Field Practicum will be based on the number of hours needed to graduate with priority given to those who need the fewest hours, and in case of ties then highest grade point average. See the Social Work Student Handbook for details and appeals process. The Field Practicum (4410, 441C) is offered in the Fall and Spring semesters. Students in the Practicum must not register for any other courses (except SW 4720, Senior Seminar), and will work full days at field agencies four days a week and attend the Field Seminar for three hours one day a week. Students must provide their own transportation to and from social service agencies as assigned by the Field Practicum Director. Students must join the National Association of Social Workers and purchase liability insurance.

### **TRANSFER STUDENTS**

The Chair of the Social Work Department will review the evaluated transcripts of all transfer students. The only courses that will substitute for required courses are Liberal Arts core requirements and SW 2110, unless the student transfers from an accredited social work program. No credit is awarded for life or work experience.

**SUGGESTED PROGRAM OF STUDY****Freshman Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
ENGL 1010	3	ENGL 1020	3
HIST 2010	3	HIST 2020	3
BIOL 2010	4	BIOL 2020	4
PSY 1030	3	PSY 2210	3
SW 2110	2	SOC 2010	3
	16		16

**Sophomore Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
COMM 1010	3	MATH 1110	3
ENGL 2030	3	ENGL 20xx	3
PSCI 2040	3	ENGL 1100	3
SW 3420	3	SW 3400	4
PHED, ROTC, Band <sup>1</sup>	1	SW 4440	3
SW 4020	2	PHED, ROTC <sup>1</sup>	1
	16		17

**Junior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
SW 3450	3	SW 3630	3
SW 3620	3	SW 4400	1
SW 3770	3	SW 4430	3
ART 2000	3	SW electives (6 hours)	6
MATH 1530	2	MUS 2000	3
	15		16

**Senior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
Electives (12 hours)	12	SW 4410	12
SW elective (3 hours)	2	SW 441C	3
	15	SW 4720	3
			18

<sup>1</sup> Refer to the Liberal Arts core requirements

**SOCIOLOGY (B.S.)****College of Professional Programs and Social Sciences**

Sanford (Chair), Rainey

Adjunct Faculty: Hallums, Hartberg, Hunt, Mannion, Scales, Ward

Sociology is the study of society in all of its forms from individual to large organizations. The Sociology major emphasizes the theory and applied aspects of the field of sociology. Applied Sociology is the use of sociological theory and methods to analyze and solve personal, social, structural, and societal problems and issues that exist in our everyday social world. Students majoring in sociology and graduating with a BS will be able to apply their sociological perspective to a wide variety of jobs in such sectors as business, the health professions, the criminal justice system, social services and government. Since the discipline involves investigative skills and working with diverse groups, sociology offers valuable preparation for careers in journalism, education, politics, public relations, business, or pub-

lic administration. As a strong liberal arts major, sociology provides preparation for future graduate work in the discipline ranging from the MA to Ph.D. in order to become a professor, researcher, or applied sociologist.

**MAJOR (33 Hours):** 2010, 3760, 3770, 4080, and 4090; and sociology electives. A minor in another area is required. A departmental exit exam is taken during the last semester before graduation.

**SUGGESTED PROGRAM OF STUDY**

Listed below is a possible schedule of courses for a sociology major. Each student should consult with an advisor when preparing a schedule.

**Freshman Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
HIST 2010	3	HIST 2020	3
ENGL 1010	3	ENGL 1020	3
SOC 2010	3	Science core <sup>1</sup>	4
Science core <sup>1</sup>	4	PSY 1020	3
PSY 2210	3	Social Science core <sup>1</sup>	3
	16		16

**Sophomore Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
MATH 1110	3	MATH 1530	3
PHED ROTC, Band <sup>1</sup>	1	PHED, ROTC <sup>1</sup>	1
Sociology elective	3	Computer Literacy	3
Humanities core <sup>1</sup>	3	Humanities core <sup>1</sup>	3
Electives	3	Sociology elective	3
	13	Elective	3
			16

**Junior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
SOC 3760	3	SOC 3770	3
Sociology elective	3	Sociology elective	3
Minor	6	Minor	6
Elective	3	Elective	3
	15		15

**Senior Year**

<i>Fall</i>	<i>Cr.</i>	<i>Spring</i>	<i>Cr.</i>
SOC 4080	3	SOC 4090	3
Sociology elective	3	Sociology elective	3
Minor	6	Electives	12
Elective	3		18
	15		

<sup>1</sup> Refer to Liberal Arts core requirements

**DISTRIBUTIVE MAJOR IN PUBLIC MANAGEMENT WITH CONCENTRATION IN SOCIOLOGY:**

See Public Management, page 188

**MINOR (18 HOURS):** 2010, 3000, 4080 or 4090, and sociology electives

## **SPANISH MAJOR (30 Hours)**

**Department of Language and Literature**  
***College of Arts and Letters***

SPAN 3210, 3220, 3510, 3520, 3610, 3620, 4510, 4520, 4610, and 4620. This program satisfies Tennessee guidelines for teaching. Students seeking licensure, 7-12 for teaching in Tennessee must also complete the Professional Education minor, LING 4400, SPAN 304A or 304B, Student Teaching, and the PRAXIS II Spanish specialty exam (code 191, minimum score of 152; and code 192, minimum score of 154). Transfer students must earn at least six hours in Spanish at APSU.

## **SPANISH MINOR (18 Hours)**

**Department of Languages and Literature**  
***College of Arts and Letters***

SPAN 2010, 2020, 3210, 3220, (3510 or 3520), (3610 or 3620)  
Transfer students must earn at least six hours in Spanish at APSU.

## **SPECIAL EDUCATION MAJOR AND ENDORSEMENT**

See Education, pages 125, 127

## **THEATRE EDUCATION AND ENDORSEMENT**

See Communication Arts, page 122

## **TECHNOLOGY CONCENTRATION**

See Public Management, page 186

## **THEATRE CONCENTRATION**

See Communication Arts, page 122

## **WOMEN'S STUDIES MINOR (18 Hours)**

**Office of Enrichment Programs**

Coordinator: Jill Eichhorn

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

### **Required:**

WS	2050	Women and Culture: Introduction to Women's Studies
WS	4010	Capstone Seminar in Women's Studies
AAST		Any 3-credit course with approval of Women's Studies Coordinator

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

AAST	3000	Africana Women Across Cultures
BIOL	2010	Human Anatomy and Physiology I
BIOL	2020	Human Anatomy and Physiology II
COMM	4450	Mass Media and Women
ENGL	340F	Women Writers
ENGL	340W	Survey of Women's Literature
HIST	4670	Women in American History
PM	3400	Women and Administration
PSCI	4040	Women and Politics
PSCI	4330	Women and the Law
PSCI	4340	Family Law
PSY	3110	Human Development I
PSY	3120	Human Development II
PSY	3210	Psychology of Women
SOC	3010	Marriage and the Family
SOC	3800	Women and Social Change
SW	4020	Human Sexuality
THEA	4700	Topics in Women's Theatre
WS	300A, B, C	Selected Topics in Women's Studies
WS	3050	Women in the Arts

Other courses as approved by the coordinator.

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# Academic Course Descriptions





## ACADEMIC COURSE DESCRIPTIONS

Courses may indicate specific semester, term or year of intended offering. For Technical Course Descriptions at Fort Campbell, see page 312. Respective abbreviations following the numerical credits are as follows: F- Fall; S- Spring; Su- Summer

### ACADEMIC ABBREVIATIONS

<b>Academic Abbreviations</b>	<b>Course Name</b>	<b>Page</b>
AAST	African American Studies	200
ACCT	Accounting	200
AGRI	Agriculture	202
AOM*	Administrative Office Management	310
ART	Art	205
ASTR	Astronomy	208
AT*	Automotive Technology	311
BIOL	Biology	208
BLAW	Business Law	213
CA*	Culinary Arts	312
CHEM	Chemistry	213
COMM	Communication	216
COR*	Corrections Management	313
CSCI	Computer Science	221
CT*	Construction Technology	314
DSCI	Decision Sciences	223
	Developmental Studies (DSPM, DSPR, DSPS, DSPW)	224
EC	Early Childhood	225
ECON	Economics	225
EDUC	Education	226
ENGL	English	228
ENGT	Engineering Technology	232
ET*	Electronics Technology	316
FIN	Finance	236
FREN	French	237
FS*	Food Service Technology	318
GB	General Business	238
GEOG	Geography	238
GEOL	Geology	240
GERM	German	242
GREK	Greek	243
HHP	Health and Human Performance	243
HIST	History	248
HON	Honors Program	251
INTS	International Studies	252
JAPN	Japanese	252
LATN	Latin	252
LDSP	Leadership	253
LEN*	Police Science and Administration	319
LING	Linguistics	253

MAED	Mathematics Education	254
MATH	Mathematics	254
MGT	Management	257
MIS	Management Information Systems	258
MKT	Marketing	258
MS	Military Science (ROTC)	260
MT*	Management Technology	321
MUS	Music, Applied Music, and Individual Music Instruction	261
NURS	Nursing	266
PHED	Physical Education	267
PHIL	Philosophy	268
PHYS	Physics	270
PM	Public Management	272
PSCI	Political Science	274
PSY	Psychology	265
PTMA	Professional and Technical Management	280
QM	Quantitative Methods	280
RDG	Reading	281
SCI	Science	281
SOC	Sociology	281
SPAN	Spanish	283
SPED	Special Education	284
SW	Social Work	285
THEA	Theatre	287
WS	Women's Studies	290
WT*	Welding Technology	322

\* Courses offered only at Austin Peay Center @ Fort Campbell (see page 310) for technical course description



## **AFRICAN AMERICAN STUDIES**

### *Office of Enrichment Programs*

#### **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 which 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 indi-

vidual 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.

## **ACCOUNTING**

### *College of Business*

#### **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 account-

ing information and its use as the basis for managerial decision making.

**ACCT 3010 Intermediate Accounting I (3)**

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

Financial accounting theory and practice, including financial reporting, assets, and current liabilities.

**ACCT 3020 Intermediate Accounting II (3)**

Prerequisite: ACCT 3010 with a minimum grade of “C”

A continuation of ACCT 3010. Long-term liabilities, stockholders equity, earnings per share, revenue recognition, investments, interperiod tax allocation, pensions, leases, accounting changes and error correction, and the statement of cash flows.

**ACCT 3100 Financial Statement Analysis (3)**

Prerequisite: ACCT 2020; Junior standing; Business majors must also meet the BBA admissions requirements.

Critically analyze published annual reports, make decisions using financial information, identify particular accounting issues, recognize the limitations of accounting information, and consider the economic consequences of accounting decisions.

**ACCT 3110 Cost Accounting (3)**

Prerequisites: ACCT 2010, ACCT 2020 with a minimum grade of “C” in each; Junior standing; Business majors must also meet the BBA admission requirements.

Fundamental principles of cost accounting, creating value for management, job costing for service and manufacturing entities, process costing, standard costing, cost allocation, cost-volume-profit relationships and budgeting, and professional ethics.

**ACCT 3210 Computer Applications in Accounting (3)**

Prerequisites: ACCT 2020, MIS 1200, Junior standing; Business majors must also meet the BBA admission requirements.

Use of the microcomputer as a decision-making aid using accounting data and spreadsheet development. Students are required to research, prepare a written report, and make a presentation using multi-media technology.

**ACCT 3410 Not-For-Profit Accounting (3)**

Prerequisites: ACCT 2020; Business majors must also meet the BBA admission requirements.

Basic fund and budgetary accounting by state and local governments. Accounting for other not-for-profit organizations-hospitals, universities, and voluntary health and welfare organizations- will be introduced. Additionally, federal government accounting and reporting is discussed.

**ACCT 3510 International Financial Accounting (3)**

Prerequisites: ACCT 2020; Junior standing; Business majors must also meet the BBA admission requirements.

The effect of culture, economy, and history on the development of accounting and financial reporting standards within nations; comparison of financial statements between countries; international risk management; the move towards harmonization of accounting standards.

**ACCT 3710 Accounting Information Systems (3)**

Prerequisites: ACCT 2020, MIS 1200, Junior Standing; Business majors must also meet the BBA admissions requirements.

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

**ACCT 4210 Auditing (3)**

Prerequisites: ACCT 3020, ACCT 3210, and ACCT 3710

Auditing including study of auditing function, standards, professional ethics, internal controls, audit programs, procedures, and preparation of auditing working papers and reports. Students are required, individually and in groups, to conduct library research, prepare written reports, and make presentations using multi-media technology.

**ACCT 4220 Auditing II (3)**

Prerequisite: ACCT 4210

Auditing practice and theory emphasizing current authoritative professional literature and case studies. Students are required to research and prepare written reports and make presentations using multi-media technology. Includes an individual audit practice case and a group simulated audit.



### **ACCT 4310 Income Tax Accounting I (3)**

Prerequisite: ACCT 2020; Junior standing; Business majors must also meet the BBA admission requirements.

Internal Revenue Code and Treasury Department regulations with emphasis on the determination of income and statutory deductions to compute taxable net income. Taxation of gains and losses on property transactions, special tax computation, and tax and financial planning issues.

### **ACCT 4320 Income Tax Accounting II (3)**

Prerequisite: ACCT 4310

A continuation of Accounting 4310. Income taxation of corporations and partnerships. Federal gift taxes, estate taxes, procedural aspects of income tax accounting, tax research and planning.

### **ACCT 4510 Advanced Accounting (3)**

Prerequisite: ACCT 3020

Advanced accounting topics, business combinations and consolidations, partnership, international accounting, including foreign currency transactions and financial statement translations, segment and interim reporting and accounting for bankruptcies and liquidations.

### **ACCT 4610 Accounting Theory (3)**

Prerequisite: ACCT 3020

Selected readings from current literature, periodicals and official publications from accounting organizations. Examination of both the historical development and current state of accounting theory, principles, and practice and the environment influencing accounting practice. Consideration of theoretical issues associated with financial reporting. Students will

write a research paper using information obtained from a variety of sources.

### **ACCT 490A, B, C Special Problems in Accounting (1, 2, 3)**

Prerequisites: Senior Standing and permission of Department Chair

Supervised independent study of accounting topics (outside of classroom) which are academically relevant and of interest to both student and faculty.

## **AGRICULTURE**

### *College of Science and Mathematics*

### **AGRI 1000 Survey of Agriculture (1) F**

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

### **AGRI 1310 Animal Science (3) F**

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

### **AGRI 1410 Plant Science Three hours lecture, two hours laboratory (4) F**

Fundamentals of science and economic importance of plants and their relationship to agriculture and society.

### **AGRI 2210 Soils Three hours lecture, two hours laboratory (4) S**

Prerequisite: Sophomore standing

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

### **AGRI 2310 Animal Management Practices (3)**

Prerequisite: AGRI 1310 or permission of instructor

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

### **AGRI 2320 Food Science and Technology (3)**

Prerequisites: AGRI 1310, BIOL 1010, or permission of instructor

The food industry and its role in assuring that wholesome and healthy food is provided for the society. Emphasis on sanitation, handling, processing, preserving, and regulatory agencies.

**AGRI 2410 Fruit and Vegetable Production**  
**Two hours lecture, two hours laboratory (3)**

Prerequisite: Sophomore standing

Science and production practices of orchards, small fruit plantings and vegetable gardens for home and small commercial operations.

**AGRI 2500 Introduction to Agri-business (3)**

Prerequisite: Sophomore standing

Role and scope of agribusiness, organization forms including cooperatives, agricultural marketing and financial systems, diffusion of agricultural technology.

**AGRI 3000 Conservation (3) F**

Prerequisite: Sophomore standing

Use and abuse of natural resources. Historical perspectives and current management of forests, wildlife, and soils, including aspects of recreational use and pollution problems.

**AGRI 3020 Agriculture Power and Machinery (3)**

Prerequisite: Junior standing or permission of instructor

Agricultural power sources and machinery, work and power transformation, engine and machinery calculations, field capacities, field efficiency, break even use, and machinery adjustments.

**AGRI 3110 Animal Health and Disease Control (3)**

Prerequisites: AGRI 1310, BIOL 1010, or permission of instructor

The lines of defense of the body and how common disorders are diagnosed and treated as well as how to develop good herd health programs.

**AGRI 3210 Fertilizers and Soil Fertility (2)**

Prerequisite: CHEM 1010 or equivalent

Sources and properties of fertilizers and other soil amendments, methods of application, and soil chemistry.

**AGRI 3220 Soil and Water Conservation Two hours lecture, two hours laboratory (3)**

Prerequisite: AGRI 2210 or GEOL 1040

Problems and methods of soil and water conservation; topography, water control structures, and farm planning for sustained use of land.

**AGRI 3230 Land Use (3)**

Prerequisite: Sophomore standing

Use of land for agriculture, industry, recreation, urban-

ization, etc; environmental concerns, regional planning, use of soil surveys, and factors in decision making.

**AGRI 3310 Animal Nutrition and Feeding**  
**Three hours lecture, two hours laboratory**  
**(4) F**

Prerequisites: AGRI 1310, CHEM 1010, or permission of instructor

Scientific aspects of nutrition, including digestion, absorption, and metabolism of nutrients and ration formulation.

**AGRI 3330 Beef Production Management**  
**(2)**

Prerequisites: AGRI 1310, junior standing, or permission of instructor

Beef cattle production systems and application of the principles of nutrition, physiology, breeding, and management to the production of beef.

**AGRI 3340 Swine Production Management (2)**

Prerequisite: AGRI 1310, sophomore standing, or permission of instructor.

Swine production systems and application of the principles of nutrition, physiology, breeding, and management to the production of pork.

**AGRI 3350 Horse Production (2) F**

Prerequisite: AGRI 1310, sophomore standing, or permission of instructor

Integration of principles of nutrition, physiology, and breeding into the management of horses.

**AGRI 3360 Dairy Production Management (2)**

Prerequisites: AGRI 1310, junior standing, or permission of instructor

Application of principles of nutrition, physiology, and breeding to the managing of milk production.

**AGRI 3370 Poultry Production Management**  
**(2)**

Prerequisite: AGRI 1310, sophomore standing, or permission of instructor.

Poultry production systems and application of principles of nutrition, physiology, and breeding to the management of poultry.

**AGRI 3400 Ornamental Gardening (3)**

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



**AGRI 3410 Landscaping Two hours lecture, two hours laboratory (3)**

Prerequisite: Sophomore standing

Identification, culture, design, uses and maintenance of perennials, turf grasses and woody plant material for home residences.

**AGRI 3420 Field and Forage Crops (3)**

Prerequisite: AGRI 1410 or permission of instructor

Distribution, structure and growth, improvement, culture, harvesting, and utilization of oil, grain, and forage crops.

**AGRI 3430 Applied Weed Science (3)**

Prerequisite: AGRI 1410 or permission of instructor

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

**AGRI 3500 Agriculture Economics (3) S**

Prerequisite: Junior standing or permission of instructor

Study of the allocation of agricultural resources, land, labor, capital, and management. Production costs, price determination, marketing, and finance.

**AGRI 3610, 3620 Internship in Agriculture (2 each)**

Prerequisites: Approval of Agriculture advisor and prior arrangements with agency

Learning experience acquired through supervised part-time unsalaried placement with an agricultural business or agency. Pass/Fail only.

**AGRI 4010, 4020 Agriculture Seminar (1 each)**

Prerequisite: Junior standing

Preparation and presentation of reports on specially assigned current topics in agriculture.

**AGRI 4210 Soil Genesis, Taxonomy, Mapping Two hours lecture, four hours laboratory (4)**

Prerequisite: AGRI 2210 or GEOL 3100

Soil formation, morphology, profile description, classification, and mapping.

**AGRI 4310 Reproduction in Farm Animals Two hours lecture, two hours laboratory (3) S**

Prerequisites: AGRI 1310, BIOL 1010

Anatomy, physiology, and endocrine control of the reproductive system of farm animals: the application of

these principles to the management of livestock, artificial insemination, and embryo transfer.

**AGRI 4410 Tobacco (2)**

Prerequisite: Sophomore standing

Origin, classification, uses, and cultural practices with primary emphasis on burley and dark types.

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

Prerequisite: Sophomore standing

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

**AGRI 4430 Genetics of Crops and Livestock (3) S**

Prerequisites: AGRI 1310, AGRI 1410, or permission of instructor

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

**AGRI 4440 Plant Pathology (3)**

Prerequisite: Junior standing or permission of instructor

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

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

Prerequisite: 12 hours credit in agriculture or permission of instructor

Organizing and operating the farm business with emphasis on allocation of land, labor, capital.

**AGRI 4610, 4620 Cooperative Educational Experience (5 each)**

Prerequisites: Approval of agriculture advisor and prior arrangement with employer.

Learning experience acquired through supervised full-time salaried employment with an agricultural business or agency. Pass/Fail only.

**AGRI 4910, 4920, 4930 Special Problems (1-3 hours)**

Prerequisite: Permission of instructor

May be repeated for credit.

## **ART**

### *College of Arts and Letters*

#### **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, ART 1040

Drawing the human form and study of anatomy in composition.

#### **ART 1070 Electronic Imaging (3)**

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

#### **ART 2010 Art History, Survey I (3)**

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

#### **ART 2020 Art History, Survey II (3)**

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

#### **ART 2030 Printmaking I (3)**

Prerequisites: ART 1010, ART 1040

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

#### **ART 2040 Painting I (3)**

Prerequisites: ART 1010, ART 1040

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

#### **ART 2050 Pottery, Ceramics I (3)**

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

#### **ART 2070 Sculpture I (3)**

Prerequisites: ART 1020, ART 1040

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

#### **ART 2090 Photography I (3)**

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

#### **ART 2320 Graphic Design I (3)**

Prerequisites: ART 1010, ART 1040

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

#### **ART 2520 Typography (3)**

Prerequisites: ART 1010, ART 1040

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

#### **ART 3080 Illustration I (3)**

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

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

#### **ART 3110 Prepress Production (3)**

Prerequisite: ART 2320

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



**ART 3140 Art Education I (3)**

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

**ART 3150 Art Education II (3)**

Prerequisite: ART 3140

Study of the nature and practice of the art specialist in the teacher-learning situation. Planning educational objective, units for learning, methods of evaluation and administration of art programs in public schools. Includes 18 hours of classroom observation.

**ART 3160 Art Education III (3)**

Prerequisite: ART 3150

Study of recent research findings in Art Education. Students study the history of art education and complete a comprehensive plan for a course of study in criticism of art objects.

**ART 3170 Advanced Digital Imaging (3)**

Prerequisite: ART 1070 or permission of the instructor

Specialized course in the use and understanding of advanced digital imaging programs with an emphasis on photo-manipulation. Mac platform programs approached with both fine art and commercial art applications.

**ART 3200 Art History, United States (3)**

A contextual study of the achievements in architecture, painting, and sculpture from the Colonial 17th century through the modern 20th century.

**ART 3220 Modern Art, 19th and 20th Century (3)**

Prerequisites: ART 2010, ART 2020

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

**ART 3230 Art History, Contemporary (3)**

Prerequisites: ART 2010, ART 2020

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

**ART 3240 Art History, History of Photography (3)**

A study of the invention and development of photographic processes and styles from a socio-historical

stance for an understanding of photography's place in history, art history, and the history of communication.

**ART 324x Art History, Special Topics (3)**

Prerequisites: ART 2010, ART 2020, or permission of the instructor

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

**ART 3270 History of Graphic Design (3)**

Prerequisites: ART 2010, ART 2020

Study of visible language and visual communication in graphic arts and design. Emphasis will be placed on art historical developments as they relate to graphic design in the 20th century.

**ART 3340 Drawing III (3)**

Prerequisite: ART 1050

Use of drawing media for creative image making.

**ART 3430 Printmaking II (3)**

Prerequisites: ART 1010, ART 1040

Study and experience in the techniques and art of serigraphy (silk screen printing) including basic stencil, cut film, tusche, cut and torn paper, and photo techniques in printing.

**ART 3440 Painting II (3)**

Prerequisite: ART 2040

A continuation of any painting medium or combination of medium, with emphasis on individual problems and the organization of ideas in creative design.

**ART 3450 Ceramic Sculpture (3)**

Prerequisites: ART 1020, ART 1040

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

**ART 3530 Printmaking III (3)**

Prerequisites: ART 1010, ART 1040

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

**ART 3540 Drawing IV, Thematic Development Drawing (3)**

Prerequisites: ART 2010, ART 2020, ART 3340

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

**ART 3550 Glazes and Surface Design (3)**

Prerequisite: ART 2050

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

**ART 3560 Painting, Watercolor I (3)**

Prerequisites: ART 2040 or 3340

Explore the concepts and techniques of pictorial composition using watercolor. Intermediate level studio course for students with proven skills in drawing and painting.

**ART 3570 Sculpture II (3)**

Prerequisite: ART 2070

A continuation of Sculpture I with emphasis on personal artistic development in combining media and techniques in sculptural forms.

**ART 3590 Photography II (3)**

Prerequisite: ART 2090

A continuation of Photography I, with a broader use of photographic materials as alternative processes.

**ART 3650 Pottery-Ceramics II (3)**

Prerequisite: ART 2050

Advanced work in design and techniques of creating ceramic vessels.

**ART 4040 Painting III (3)**

Prerequisite: ART 3440

Advanced studio experiences for painters, exploring content, techniques, and mediums employed by contemporary artists. Studies in professional portfolio development for painters, and technical preparations and display of works on panel and canvas.

**ART 4060 Painting, Watercolor II (3)**

Prerequisite: ART 2560

Advanced studio experience for watercolors; exploring content, techniques, and mediums employed by 19th and 20th century Asian and Western artists. Topics include studies for development of a professional watercolor portfolio and presentation/display of works on paper.

**ART 4070 Sculpture III (3)**

Prerequisite: ART 3570

This course will focus on critical thinking, creative problem solving, and development of a personal visual vocabulary. Students will research contemporary issues in sculpture and use those ideas in the development of their personal work.

**ART 4080 Illustration II (3)**

Prerequisite: ART 3080

Focus on the development of a personal technique, style, posture and vocabulary. Emphasis will be on images that concentrate on book and editorial illustration.

**ART 4085 Illustration III (3)**

Prerequisite: ART 4080

Advanced studio experience for illustrators. Topics will include the relationship of image to text, narrative development, and self-directed imagery.

**ART 4090 Problems in Art (3)**

Prerequisite: Permission of instructor

A continuation of work in a specific media under the direction of an instructor in a scheduled class. May be repeated for a second three hours but may not be enrolled in for six hours concurrently.

**ART 410x Topics in Studio Art (3)**

Prerequisite: Permission of instructor

Concentrated study in a studio area. In-depth research on specific artists, movements, periods, current issues, and/or problems in studio art. Topics to be announced. May be repeated, but credit is limited to three hours per topic.

**ART 4120 Graphic Design II (3)**

Prerequisite: ART 2320

Intermediate study and skill development in the visual elements and media used in layout and design development for comprehensives.

**ART 4125 Graphic Design III (3)**

Prerequisite: ART 4120

Advanced study and skill development in the visual elements and media used in layout and design development for comprehensives.

**ART 4150 Studio, Creative Development (3)**

Prerequisite: Approval/acceptance to the BFA program. Approval of semester contract by instructor.

Independent study under the direction of instructor.

tor(s) in selected studio area of concentration. ART 4150 and ART 4160 must be taken during different semesters in preparations leading to the senior presentation/exhibit (ART 4210).

### **ART 4160 Studio, Creative Development (4)**

Prerequisites: ART 4150, approval of semester contract by instructor.

Continued independent study under the direction of instructor(s) in a selected studio concentration. Students are expected to provide artwork documentary evidence demonstrating proficiency in at least one studio concentration.

### **ART 4190 Photography III (3)**

Prerequisites: ART 3590

Graphic arts photos, non-silver processes and mixed photo media.

### **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.

## **ASTRONOMY**

### *College of Science and Mathematics*

#### **ASTR 1210 Planetary Astronomy Three hours lecture, Three hours lab (4)**

Corequisite: ASTR 1211

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

#### **ASTR 1220 Stellar Astronomy Three hours lecture, Three hours lab (4)**

Corequisite: ASTR 1221

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

#### **ASTR 3010 History of Astronomy (3)**

Prerequisite: ASTR 1210 and 1220

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

## **BIOLOGY**

### *College of Science and Mathematics*

#### **BIOL 1010 General Biology Three hours lecture, three hours laboratory (4)**

A principles course: Concepts relating to scientific methodology, nature of organic molecules, cell structure, metabolism and energy transfer, cell division, nature of genes and gene action, evolution, and ecology are included.

#### **BIOL 1020 General Biology Three hours lecture, three hours laboratory (4)**

Prerequisite: BIOL 1010

A continuation of BIOL 1010: The course includes a survey of the kingdoms of life including relevant evolutionary concepts. The portion of the course involving the study of vertebrate animals or emphasizes selected human systems.

#### **BIOL 2010 Human Anatomy and 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 and Physiology Three hours lecture, three hours laboratory (4)**

Prerequisite: BIOL 2010

Continuation of BIOL 2010. Treats the cardiovascular, lymphatic, immune, respiratory, digestive, and excretory systems, water and electrolyte balance, human reproduction, growth and development, and human genetics.

**BIOL 2050 Medical Terminology Three hours lecture (3)**

Prerequisite: One year Freshman English

Not open to students majoring or minoring in biology. An introduction to medical vocabulary including definition of terms, general usage, spelling, and pronunciation. Common prefixes, suffixes, word roots, combining forms, and abbreviations concerned with the health professions are stressed.

**BIOL 2300 Principles of Microbiology Three hours lecture, three hours laboratory (4)**

Prerequisite: Eight hours of Biology

An introductory study of bacteria, viruses, fungi, and protozoans with particular emphasis on their relationship to infection and disease. Asepsis, immunity, sterilization, and special problems related to patients and hospitals. Completion of BIOL 2300 does not substitute for BIOL 3050 for a Biology major or minor.

**BIOL 3050 Microbial Diversity (4)**

Prerequisite: 1010

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 1010

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 1010

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 1010, or permission of instructor

Designed to impart an understanding of the core concepts in modern evolutionary theory, and an appreciation of the central position that theory holds as a theme unifying all subdisciplines of biology.

**BIOL 3760 Immunology and Serology Three hours lecture, three hours laboratory (4)**

Prerequisite: BIOL 2300 or BIOL 3050

Fundamentals of antigen-antibody reactions, and serologic procedures performed in the clinical laboratory.

**BIOL 380A, B Medical Technology Internship (15 each)**

Two semesters of clinical Practicum Students apply the skills and abilities learned during the previous six semesters of the curriculum. Students are assigned to an accredited hospital laboratory.

**BIOL 3910 Fundamentals of Hematology Three hours lecture, three hours laboratory (4)**

Prerequisite: BIOL 2020

Study of formed elements of the blood and the mechanism of coagulation, with an emphasis on normal development and routine evaluation of blood samples together with development of basic laboratory skills. The use of statistics in the analysis and interpretation of laboratory data.

**BIOL 3940 Fundamentals of Clinical Analysis Three hours lecture, three hours laboratory (4)**

Prerequisite: BIOL 3910 or permission of instructor

Use of proper glassware and reagents; test performance relating to procedures, instrumentation including maintenance and quality control; introduction to carbohydrate metabolism and renal function.

**BIOL 4040 Histology Three hours lecture, three hours laboratory (4)**

Prerequisite: BIOL 1010

Principal mammalian tissues. Primary emphasis is placed on the recognition of tissue types and their relationships within the organs.

**BIOL 4050 Field Botany Two hours lecture, four hours laboratory (4)**

Prerequisite: Eight hours of biology

A study of local vascular plants with emphasis on identification, the use of manuals, preparation of collections, and distinguishing features of the major groups.

**BIOL 4080 General Ecology Three hours lecture, three hours laboratory (4)**

Prerequisite: Eight hours of biology

A survey of basic ecological principles and processes and their application of the welfare of humans and their environment. Lecture and laboratory activities focus on understanding ecosystem dynamics. Includes statistical analysis of field-collected data.

**BIOL 4090 Clinical Hematology (4)**

Prerequisites/Co-Requisites: BIOL 3910, BIOL 4910 and acceptance into the Senior Year (clinical phase) of the Medical Technology Program or permission of program director.

Practical experience in fundamental techniques in the clinical hematology section at an affiliated hospital laboratory. Additional practical experience with equipment maintenance, reporting and correlating results, quality control and proficiency testing, case studies, and special procedures.

**BIOL 4100 Biostatistics (4) three hours lecture, three hours lab**

Prerequisite: Completion of the mathematics core and one year of general biology

Statistical methods in biological research. Basic descriptive and inferential statistics, frequency distributions and analyses, analysis of variance, linear regression, correlation, nonparametric analogues to parametric methods, relationships between experimental design and data analysis used in hypothesis testing. Selected multivariate analysis, statistical resampling methods, and data reduction techniques discussed. Computer use emphasized.

**BIOL 4110 Animal Physiology Three hours lecture, three hours laboratory (4)**

Prerequisites: BIOL 1010, BIOL 3060, and one eight-hour chemistry series

A survey of animal physiology with emphasis on mammalian systems. The molecular and cellular aspects of physiology as they relate to the function of the organisms are considered. All major systems are discussed.

**BIOL 4120 Plant Physiology Three hours lecture, three hours laboratory (4)**

Prerequisites: Eight hours of biology and one eight-hour chemistry series

Principal physiological processes of plants including mineral nutrition, photosynthesis, water relation, translocation, respiration, growth hormones, photo physiology, and biological function of nucleic acids and proteins.

**BIOL 4130 Genetics Three hours lecture, three hours laboratory (4)**

Prerequisite: BIOL 1010

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 1020, 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 4200 General Embryology Three hours lecture, three hours laboratory (4)**

Prerequisite: BIOL 1010

The morphology and physiology of vertebrate development.

**BIOL 4290 Clinical Microbiology (4)**

Prerequisites/Co-Requisites: BIOL 2300, 3050, 3760, BIOL 4730, BIOL 4980 and acceptance into the Senior Year (clinical phase) of the Medical Technology Program or permission of program director.

Practical experience in the routine isolation and identification of medically significant bacteria, fungi, and parasites using approved methods in the clinical bacteriology/mycology/parasitology section of an affiliated hospital laboratory. Additional practical experience with equipment maintenance, reporting and correlating results, quality control and proficiency testing, case studies, and special procedures.

**BIOL 4300 Bacteriology Three hours lecture, three hours laboratory (4)**

Prerequisites: Eight hours of biology and eight hours of chemistry

An introduction to each of the 10 groups of bacteria. Major emphasis will be placed on those groups that greatly affect humans through their beneficial or harmful attributes.

**BIOL 4350 Field Zoology Three hours lecture, three hours laboratory (4)**

Prerequisite: BIOL 3060

A survey of the native vertebrate animals, with emphasis on collection, preservation, identification,

and taxonomic relationships.

**BIOL 4390 Clinical Immunohematology/Serology (4)**

Prerequisites/Co-Requisites: BIOL 3760, BIOL 4730, BIOL 4950 and acceptance into the Senior Year (clinical phase) of the Medical Technology Program or permission of program director.

Practical experience in the current methods of blood grouping, typing, fetal screening, transfusion therapy, and serology testing in the clinical immunohematology/serology section of an affiliated hospital laboratory. Additional practical experience with equipment maintenance, reporting and correlating results, quality control and proficiency testing, case studies, and special procedures.

**BIOL 4400 Teaching Science in High School three hours lecture(3)**

Prerequisite: Provisional admission to Teacher Education

Objectives of high school courses, lesson plans, evaluations, supplies and equipment, problem solving, laboratory procedures, textbook evaluation, liability, visual aids, motivation, classroom organization, and problem prevention. Thirty hours of field experience are required.

**BIOL 4440 Cell and Molecular Biology Three hours lecture, three hours laboratory (4)**

Prerequisites: Eight hours of biology and one eight-hour chemistry series.

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

**BIOL 4450 Recombinant DNA Technology Three hours lecture, three hours laboratory (4)**

Prerequisites: Senior status and permission of instructor

Instruction of students in the isolation and manipulation of nucleic acids for the construction and characterization of recombinant DNA molecules either for the generation of genetic probes or the development of genetically engineered microorganisms. Emphasis is placed on the uses of these tools in research, biotechnology, and diagnostics.

**BIOL 4490 Clinical Chemistry/Urinalysis (4)**

Prerequisites/Co-Requisites: BIOL 3940, BIOL 4940, BIOL 4970 and acceptance into the Senior Year (clinical phase) of the Medical Technology Program or permission of instructor

Practical experience in fundamental techniques in the routine clinical chemistry/urinalysis section at an affiliated hospital laboratory. Additional practical experience with equipment maintenance, reporting and correlating results, quality control and proficiency testing, case studies, and special procedures.

**BIOL 4500 Research Two to six hours laboratory (2-4)**

Prerequisites: Permission of the instructor, minimum 2.5 cumulative GPA, minimum 3.0 average in Biology; 16 hours of 3000-4999 level biology courses.

This course is offered for those who desire to pursue a special study of some biological problems beyond what is possible in regular courses. The student is expected to select and plan a research problem and pursue it to some state of completion. The data are to be written in acceptable scientific form and available for a seminar. Maximum of eight hours.

**BIOL 4560 Aquatic Macroinvertebrates Three hours lecture, three hours laboratory (4)**

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

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

Prerequisites: BIOL 1010 and permission of instructor

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

**BIOL 4730 Diagnostic Microbiology I Three hours lecture, three hours laboratory (4)**

Prerequisites/Co-Requisites: BIOL 2300 or 3050/ Acceptance into the Senior Year (clinical phase) of the Medical Technology Program or permission of instructor.

Advanced study of the bacterial agents which cause human disease. The processing and handling of clini-



cal specimens with emphasis on state of the art isolation an identification of pathogenic bacteria is included. The theory and laboratory practice in clinical serology used in diagnosis of infectious disease is also emphasized. (Including ASO, CRP, RPR, ELISA, and IF)

### **BIOL 4750 Management/Research/Education Seminar (3)**

Prerequisites/Co-Requisites: Acceptance into the Senior Year (clinical phase) of the Medical Technology Program or permission of program director.

Present educational terminology and techniques applied in the clinical laboratory workplace; present concepts of research design and practice and methods of evaluating clinical laboratory research; present organizational, cost control, and management methods for laboratory operations; and introduce local, state, and federal regulations applicable to the clinical laboratory.

### **BIOL 4810 Wildlife Management Internship (15)**

Prerequisite: Junior or senior status and permission of instructor

One semester of on-the-job experience in various phases of wildlife or fisheries management. Students are assigned as trainees to an APSU-approved agency.

### **BIOL 4820 Environmental Education Internship (15)**

Prerequisite: Junior or senior status and permission of instructor

One semester of on-the-job experience in planning and implementing environmental education programs. Students are assigned as trainees to an APSU-approved agency.

### **BIOL 484A, B Radiologic Laboratory Internship (15 each)**

Two semesters of internship providing practical application of the skills and abilities in radiologic technology. Students are assigned to an accredited hospital in a designated technology area of diagnostic radiology, nuclear medicine, computerized axial tomography, ultrasound, nuclear magnetic resonance, Positron emission tomography, and radiation therapy.

### **BIOL 4900 Clinical Phlebotomy (1)**

Prerequisites/Co-Requisites: BIOL 3910, BIOL 4910, BIOL 3940, BIOL 4940 and acceptance into the Senior Year (clinical phase) of the Medical Technology Program or permission of program director.

Practical experience in fundamental techniques in the routine clinical phlebotomy section at an affiliated hospital laboratory. Additional practical experience with universal safety precautions, specimen collection, specimen processing, and specimen accessioning.

### **BIOL 4910 Hematology Three hours lecture, three hours laboratory (4)**

Prerequisites/Co-Requisites: Acceptance into the Senior Year (clinical phase) of the Medical Technology Program or permission of program instructor.

The study of human blood with emphasis on anemia, leukemia, special stains and tests, enzyme deficiencies, cellular and humoral immunity, autoimmune disorders, genetic abnormalities, vascular and biochemical coagulation and associated disorders. Discussion of physical and cellular aspects of body fluids, microscopic examination, specimen collection, and handling of transudates, exudates, and other body fluids.

### **BIOL 4940 Clinical Analysis I Three hours lecture, three hours laboratory (4)**

Prerequisites/Co-Requisites: Acceptance into the Senior Year Medical Technology Program or permission of program director or permission of instructor.

Study of plasma proteins, enzymes, liver, kidney and cardiac function, with emphasis on clinical laboratory testing used in diagnosis of pathological states associated with the above. Significance of abnormal test results and correlation with pathological state will be emphasized.

### **BIOL 4950 Immunohematology Two hours lecture, four hours laboratory (4)**

Prerequisite: BIOL 4910 and acceptance into the Senior Year (clinical phase) of the Medical Technology Program or permission of program director.

The immunological aspects of erythrocytes and other cells in the context of blood grouping systems, donor selection, specimen collection, processing, component preparation, compatibility testing, and transfusions. HLA systems, adverse reactions, and data management are covered.

### **BIOL 4970 Clinical Analysis II Three hours lecture, three hours laboratory (4)**

Prerequisites/Co-Requisites: BIOL 4940/4941 and acceptance into the Senior Year Medical Technology Program or permission of program director or permission of instructor.

The study of lipoproteins, electrolytes, blood gases

and the chemical, physical and microscopic examination of urine. Endocrinology, toxicology, therapeutic drug monitoring, tumor markers, 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 LAW**

### *College of Business*

**BLAW 3210 Business Law I (3) F,S,SU**

Prerequisite: Admission to the BBA Program

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

**BLAW 3220 Business Law II (3) F,S**

Prerequisite: Admission to the BBA Program

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

**BLAW 3300 Social, Legal, and Political Environment of Business (3) F,S,SU**

Prerequisite: Admission to the BBA Program

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

## **CHEMISTRY**

### *College of Science and Mathematics*

**CHEM 1000<sup>1</sup> Chemistry for General Education Three hours lecture, three hours laboratory (4)**

Study of the essentials of general, organic, and biological chemistry. A one semester course designed for nursing students (ADN only) and others wishing to partially satisfy the Liberal Arts core science requirement. Will not serve as prerequisite for any other chemistry course.

**CHEM 1010<sup>1,2</sup> Chemistry-Society and the Environment Three hours lecture, three hours laboratory (4)**

Prerequisite: MATH 1110, MATH 1120 ,MATH 1720 or higher level

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

**CHEM 1020<sup>1,2</sup> Chemistry-Society and the Environment Three hours lecture, three hours laboratory (4)**

Prerequisite: CHEM 1010, MATH 1110, MATH 1120, MATH 1720 or higher level

Basic organic chemistry, synthetic polymers, biochemistry, air and water pollution, consumer chemistry and energy sources.

**CHEM 1110<sup>1</sup> General Chemistry Three hours lecture, one hour recitation, three hours laboratory (5)**

Prerequisite: MATH 1120, MATH 1720 or higher level

Fundamental laws and theories; elements, compounds, and mixtures; atomic structure; kinetic theory and gas laws; chemical calculations, and chemistry of solutions.

**CHEM 1120<sup>1</sup> General Chemistry Three hours lecture, one hour recitation, three hours laboratory (5)**

Prerequisite: CHEM 1110, MATH 1120 or MATH 1720 or higher level

Acids, bases and salts; kinetics, electrochemistry, thermodynamics; descriptive chemistry, organic chemistry; nuclear chemistry.



**CHEM 1710<sup>3</sup> 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 Corequisite: CHEM 1020 or CHEM 1120

Review of the mathematical problems of general chemistry.

**CHEM 2940 Introduction to Research One hour Laboratory (1)**

Prerequisite: Permission of instructor

Experiment design including methods, techniques, and information resources in a specialized area. May be repeated one semester.

**CHEM 3210 Quantitative Analysis Three hours lecture, three hours laboratory (4)**

Prerequisites: CHEM 1120 or (CHEM 1020 and CHEM 1840), and MATH 1120, MATH 1810 or higher level; and high school or higher level physics

Theory and application of gravimetric methods; acid-base, precipitation, and complexometric volumetric titration; analytical separations, spectrophotometric, and electroanalytical techniques; statistical and computer tools.

**CHEM 3220 Instrumental Analysis Three hours lecture, three hours laboratory (4)**

Prerequisites: CHEM 3210; PHYS 2020 or PHYS 2120 recommended

Theory and application of instrumental techniques; spectroscopy, electrochemistry, and chromatography. Instrumentation electronics, signals, and noise. Scientific computing hardware, software, and programming.

**CHEM 3440 Inorganic Chemistry Three hours lecture, three hours laboratory (4)**

Prerequisite: CHEM 1120 or (CHEM 1020 and CHEM 1840) and (CHEM 3500 or 3510)

Atomic structure and periodicity; crystal structure; descriptive chemistry of the elements; acid-base concepts; nonaqueous solvent systems; and environmental and medicinal awareness.

**CHEM 3500 Brief Organic Chemistry Three hours lecture, three hours laboratory (4)**

Prerequisite: CHEM 1020 or CHEM 1120

A brief survey of organic functional groups, reactions, mechanisms, stereochemistry, and spectroscopy. Suitable for various agriculture and allied health curricula. Not recommended for chemistry majors.

**CHEM 3510 Organic Chemistry Three hours lecture, three hours laboratory (4)**

Prerequisite: CHEM 1120 or (CHEM 1020 and CHEM 1840)

Functional groups (alkane, alkenes, alkynes, alkyl halides, aromatic compounds), structure determination, stereochemistry, and spectroscopy.

**CHEM 3520 Organic Chemistry Three hours lecture, three hours laboratory (4)**

Prerequisite: CHEM 3510

Alcohols, phenols, ethers, aldehydes, ketones, carboxylic acids and derivatives, dicarbonyl compounds, amines, lipids, carbohydrates, amino acids, proteins, nucleic acids, and polymers.

**CHEM 3610 Physical Chemistry Three hours lecture, three hours laboratory (4)**

Prerequisites: CHEM 1120 or (CHEM 1020 and CHEM 1840), and MATH 1810 or MATH 1910

Kinetic theory and gases; first, second, and third laws of thermodynamics; spontaneity and equilibrium; colligative properties of solutions; phase diagrams and kinetics.

**CHEM 3620 Physical Chemistry Three hours lecture, three hours laboratory (4)**

Prerequisites: CHEM 3610, MATH 1920

Advanced thermodynamics, electrochemistry, advanced kinetics, atomic structure and the Schrodinger equation, molecular orbital theory and the theory of molecular spectroscopy.

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

Prerequisite: CHEM 1020 or CHEM 1120

Use of major sources of chemical information and procedures for their efficient use.

**CHEM 4000 Seminar Two hours lecture/recitation (1)**

Prerequisite: Junior or Senior Classification

Review of major areas of chemistry, visiting chemists'

presentations, research students' presentations, career counseling, and interviewing for employment.

**CHEM 4240 Advanced Instrumental Methods**  
**Three hours lecture, three hours laboratory**  
**(4)**

Prerequisites: CHEM 3220 and CHEM 3610; and high school or higher level physics

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 4360 Physical Biochemistry** **Three hours lecture, three hours laboratory (4)**

Prerequisite: CHEM 3610, CHEM 4320

Classical physical chemistry topics, focusing on applications relevant to the life sciences.

**CHEM 4370 Advanced Biochemistry** **One hour lecture, nine hours laboratory (4)**

Prerequisite: CHEM 4360

Biochemical literature, special topics in biochemistry, and the principle and techniques of experimental biochemistry.

**CHEM 4400 Teaching Science in High School** **Three hours lecture (3)**

Prerequisite: Permission of department chair

For students preparing to teach chemistry.

Objectives of high school chemistry; selection of content, methods of solving problems; laboratory procedure and equipment, teaching aids, and evaluation. Ten hours of field experience is required.

**CHEM 4440 Advanced Inorganic Chemistry**  
**Three hours lecture, three hours laboratory**  
**(4)**

Prerequisites: CHEM 3440 and CHEM 3610; CHEM 3220 strongly recommended

Bonding and structure; coordination chemistry including stereo chemistry, magnetism, spectra, synthesis, and reaction mechanisms; metallic bonding; and bioinorganic applications.

**CHEM 4540 Organic Spectroscopy** **Six hours lecture/laboratory (4)**

Prerequisites: CHEM 3220, CHEM 3520, and CHEM 3610

Theory, use, and interpretation of spectroscopic data from FT-IR, GC-MS 1-D and 2-D multi nuclear FT-NMR, and UV-VIS.

**CHEM 4550 Advanced Organic Chemistry**  
**Three hours lecture, three hours laboratory**  
**(4)**

Prerequisites: CHEM 3520 and CHEM 3610

Advanced studies of bonding, stereo chemistry, acids and bases, mechanisms, and effects of structure on reactivity as related to organic reactions. Includes an in-depth study of organic reactions.

**CHEM 4740 Selected Topics in Chemistry**  
**Three hours lecture and lab combined (3)**

Prerequisites: CHEM 1120 or CHEM 1840 and permission of instructor

Advanced topics in chemistry for majors and minors.

**CHEM 4940 Elements of Research (1, 2, or 3 each)**

Prerequisite: Permission of instructor required; CHEM 2940 recommended

Independent original research on individual projects; chemical literature review and presentation of results. May be repeated until project is completed; however, approval of department chair is required for more than eight hours.

**CHEM 4990 Research Thesis (1)**

Prerequisites: CHEM 4940 and permission of instructor

Preparation of a report on original research. Report must follow the guidelines of the ACS Style Guide and

the Chemistry Department and will be evaluated by a committee which will include the department chair or his/her designee.

- <sup>1</sup> 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.
- <sup>2</sup> 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.
- <sup>3</sup> Credit from CHEM 1710 may not be combined with CHEM 1010 or PHYS 1010 to fulfill the Science Liberal Arts core requirements.

## COMMUNICATION

**Department of Communication and Theatre**  
*College of Arts and Letters*

### **COMM 1010 Fundamentals of Public Speaking (3)**

Public speaking principles with emphasis on preparation and presentation of informative and persuasive speeches.

### **COMM 1030 Interpersonal Communication (3)**

Communications' role in interpersonal relationships with emphasis on the application of theory in dyadic situations.

### **COMM 1200 Introduction to Mass Communication (3)**

Designed to introduce the student to the mass media. Course explores media as institutions in American society.

### **COMM 1400 Introduction to Public Relations (3)**

History, function, and practice of public relations with emphasis on persuasion, public opinion, mass media and their application to public relations.

### **COMM 2000 News Reporting (3)**

News gathering methods and the newspaper style book, with emphasis on exercises in writing all types of news stories.

### **COMM 2030 Social Issues and Advocacy (3)**

Theory and practice of argumentation, examinations of propositions, evidence, reasoning, and refutation.

### **COMM 2100 Broadcast Equipment Operation and Technology (3)**

Prerequisite: COMM 1200 or permission of instructor

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)**

Prerequisite: COMM 2100 or permission of instructor

An examination of broadcast regulation as it applies to the operation and practices of over-the-air media. This course is required for all communication majors or minors interested in working at station WAPX-FM.

### **COMM 2310 Small Group Communication (3)**

The nature of communication processes occurring in a small group setting. Focus will be given to decision-making in groups; gathering, assessing, and using information; leadership and power; and resolving conflict.

### **COMM 2400 Writing for the Electronic Media (3)**

Prerequisite: COMM 1200, ENGL 1020

This course will cover formats and techniques of writing for the broadcast media. The course will discuss writing copy for the electronic media including general continuity, commercials, and information related copy such as public service announcements and editorials.

### **COMM 2500 Audio in Media (3)**

An examination of audio technology and equipment used in a variety of media, to include radio, television, video, film, and music recordings. Special consideration to be given to legal and ethical constraints and considerations.

### **COMM 300A, B, C Laboratory (1 each)**

Prerequisite: COMM 2000

Practical experience in routine reporting, investigative reporting, or newspaper design. Grading in this course will be pass/fail.

**COMM 3010 Integrated Corporate Communication (3)**

Prerequisites: COMM 1200, Junior status or instructor approval.

Students will examine important corporate communication areas such as internal communication, advertising, public relations, integrated marketing communication, and new communication technologies. The course focuses on how these areas work together to achieve organizational objectives.

**COMM 309A International Communication: Broadcast Media (3)**

Prerequisites: Junior standing and instructor approval

This course offers international perspectives to students in broadcast media. This study abroad experience is linked to selected upper division communication courses.

**COMM 309B International Communication: Corporate Communication (3)**

Prerequisites: Junior Standing and instructor approval

This course offers international perspectives to students in corporate communication. This study abroad experience is linked to selected upper division communication courses.

**COMM 309C International Communication: Print & Web Journalism (3)**

Prerequisites: Junior standing and instructor approval

This course offers international perspectives to students in print and web journalism. This study abroad experience is linked to selected upper division communication courses.

**COMM 309D International Communication: Media Technologies (3)**

Prerequisites: Junior standing and instructor approval

This course offers international perspectives to students in media technologies. This study abroad experience is linked to selected upper division communication courses.

**COMM 309E International Communication: Public Relations (3)**

Prerequisite: Junior standing and instructor approval

This course offers international perspectives to students in public relations. This study abroad experience is linked to selected upper division communication courses.

**COMM 3100 Desktop Publishing (3)**

Prerequisite: COMM 2000

Students develop the basic skills needed in electronic desktop publishing, including instruction in popular desktop publishing programs, providing hands-on experience. Course requires students to complete several practical projects including a newsletter and a brochure.

**COMM 3200 Copy Editing (3)**

Prerequisite: COMM 2000

Instruction and practice in editing newspaper stories for style, meaning, and accuracy, in writing headlines, and in designing newspaper pages.

**COMM 3320 Business And Professional Communication (3)**

Prerequisites: COMM 1010, 1030, 2030 or permission of instructor

Theories of persuasion are applied to business presentations. Interview techniques, group dynamics, and use of communication technology in the professional business setting.

**COMM 3350 Broadcast Announcing (3)**

Prerequisites: COMM 1200, COMM 2100, or permission of instructor

A detailed and practical examination of broadcast techniques. Topics include: voice use and improvement; coping with mic and camera fright, and various styles of announcing. Students will be required to demonstrate an improvement in announcing technique and ability.

**COMM 3400 Mass Communication Research Methods (3)**

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 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 student's 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 original production by students.

**COMM 3710 Corporate Media Scriptwriting (3)**

Practical experience in creating scripts specifically tailored to corporate media/multimedia presentations.

**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. Students are given the opportunity to research and analyze advertisements and advertising campaigns, as well as to develop such materials.

**COMM 3810 Live Studio Production (3)**

Students learn the principles of a live television production. Television and broadcasting elements will be incorporated that are necessary in creating and producing a live production.

**COMM 3900 Motion Picture Production Workshop (4)**

Prerequisites: COMM 2100, COMM 3760 and permis-

sion 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 4010 (3) Communication Theory (3)**

Prerequisites: COMM 1010 or HUM 1010, COMM 1200, THEA 3000 and Junior status

In this capstone course, communication theories are examined and applied to relevant social issues (gender, diversity, violence, social change, and entertainment). Students analyze and critique research findings, theoretical paradigms, and media effects. The value of the scientific method is highlighted and vocational opportunities are explored.

**COMM 4020 Communication in Organizations (3)**

Study of communication in complex human organizations. Course relates communication to values, leadership and uses of power in such organizational contexts as business, professional, social, educational and political groups.

**COMM 4100 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 4150 Feature Writing (3)**

Instruction and practice in writing feature articles for newspapers, trade journals, and magazines.

**COMM 4200 Advanced Web Pages (3)**

Prerequisites: COMM 4100 and Junior status

In this advanced course, web pages will be critiqued, examined, and created. Students will analyze the societal effects of the web as it impacts commerce, education, social interactions, and social decision-making. Student will create web pages using HTML, Dynamic HTML, JAVA script, CGI script, and streaming video.

**COMM 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 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.

**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.

**COMM 4250 Internet Content Management (3)**

Prerequisites: COMM 1400, COMM 4100

This survey and skills course teaches analysis and techniques in creating and managing web/electronic content. Areas covered include web-based public relations, advertising, marketing communication, and e-commerce. The role of electronic communication and

intranets in organizations is also addressed. In addition, the social impact of these technologies is explored.

**COMM 4310 Documentary Production (4)**

Prerequisites: COMM 3760, COMM 2100 and Junior standing or permission of the instructor.

Through viewings, lectures, class discussions, and hands-on activities, class members learn to research, write, interview, direct, shoot, and edit a documentary. The class works in small production teams, using camcorders and editing equipment, to produce mini-documentaries designed by each team.

**COMM 433 A-H Digital Editing Production (2)**

Students will create, direct, edit, produce, and evaluate digital media. A minimum of 60 clock hours shall be required for academic credit. Only 1 course per term. This course cannot be substituted for required courses or electives in the concentration. Pass/fail.

**COMM 4350 Broadcast Management (3)**

Prerequisite: COMM 1200

Fundamentals of all aspects of programming: news, sports, drama, entertainment, and education; writing of scripts, directing and editing of programs for the electronic media.

**COMM 4400 Politics and Mass Media (3)  
(Same as PSCI 4400)**

Media's role in U.S. politics; influence of mass media on political opinions, on elections, on political participants, and on public policy; and how political participants help shape the messages sent out by mass media.

**COMM 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 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)**

Prerequisite: Upper division standing or permission of instructor

An in-depth examination of ethical principles and conduct as they apply to mass media. Topics covered include codes of ethics, forces which affect ethical decision-making in media, consequences of ethical decisions, and media responsibility.

**COMM 4650 Mass Media Law (3)**

Prerequisite: Upper division standing or permission of instructor

An intensive senior level course focusing on the development of our legal system, and the application of legal standards to media operations. Specific topics include the First Amendment, Libel, Privacy, Copyright, Political Programming and Advertising.

**COMM 470A, B, C Magazine Production (1 each)**

Prerequisite: Permission of faculty advisor for CAPSULE

Involvement with student publication process, including all aspects of magazine production (on-line processes, layout, editing, desktop publishing, dark-room techniques, photography, and printing). Grading in this course will be pass/fail.

**COMM 4760 Video Production II (3)**

Prerequisite: COMM 3760

An intensive senior level video production course which requires advanced level video production skills and uses both studio and field production techniques in the production of longer types of video production.

**COMM 480A, B, C Independent Study in Mass Communications (3 each)**

Prerequisite: Communication Arts majors only with permission of instructor

Supervised readings and research projects in selected areas of communication. Open only to Communication Arts students with permission of the instructor.

**COMM 4810 Public Relations Strategies (3)**

Prerequisite: COMM 3910 or consent of the PR and Corporate Communication Coordinator

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

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

Prerequisite: Communication Arts majors only. Upper division standing and permission of instructor required prior to registration.

Practical experience in a professional communication medium to augment classroom activity intended for advanced students. Students are required to document internship activities according to department policy.

**COMM 4910 Public Relations Campaign (3)**

The establishment of public relations campaigns and an examination of each of its' components within the public relations process of research, objectives, programming, and evaluation. Students actually design and implement comprehensive public relations campaigns and review campaign case studies.

**COMM 4960 Film Scriptwriting (3)**

Prerequisites: ENGL 1020, COMM 1200, Junior Status

This course will lead the student through a step-by-step process in advanced techniques of script analysis, creating story boards and writing successful treatments. The student will also receive extensive practice by writing scenes for various film categories: documentary, short feature, animated subjects and full-length feature.

**COMM 4970 Television Scriptwriting (3)**

Prerequisites: ENGL 1020, COMM 1200, Junior Status

This course will lead the student through the current techniques or "formulas" of television writing. The student will receive extensive practice by writing scripts for

both dramatic and comedic story lines in the 30 minute, 60 minute, and 2 hour formats.

## COMPUTER SCIENCE

**Department of Mathematics and Computer Science**  
*College of Science and Mathematics*

### **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 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 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 3005 Object-Oriented Programming (3)**

Prerequisite: CSCI 2010

An introduction to object-oriented programming using the C++ language. Topics include C++ classes, encapsulation, inheritance, polymorphism, templates, container classes, object-oriented design, and the use of class libraries.

### **CSCI 3020 File Processing (3)**

Prerequisites: CSCI 2010, CSCI 2060

An introduction to methods of efficiently organizing and accessing data on peripheral devices. Study of the structures used to store and manipulate data on external devices and the techniques used to manipulate this data.



**CSCI 3110 Computer Systems (3)**

Prerequisite: CSCI 2010

Topics include elementary assembler language programming, addressing techniques, indexing, calling of assembly language routines from high-level languages, object libraries, macros, macro libraries, bit-manipulation instructions, file input/output procedures, program segmentation and linkage.

**CSCI 3250 Data Structures and Algorithm Analysis (3)**

Prerequisite: CSCI 2010

Advanced data structures and their computer implementation. Binary trees, general trees, graphs, sorting algorithms, merging algorithms, hash codes, hash tables, file and memory allocation procedures.

**CSCI 3320 Systems Analysis and Design (3)**

Prerequisites: CSCI 3020 and junior standing

Detailed study of the life cycle of a business information system. Techniques used in the study, design, development, and implementation phases of the life cycle are presented. A complete system, designed and developed as a small-group project, is constructed during the course. Emphasis is placed on the development of a simple but functional system.

**CSCI 3400 Computer Organization I (3)**

Prerequisite: CSCI 2010

Basic digital circuits, Boolean algebra and combinatorial logic, data representation and transfer, digital arithmetic, digital storage and accessing, control functions, input/output facilities, system organization and reliability, computer structure and programming at the machine language and assembler language level.

**CSCI 3410 Computer Organization II (3)**

Prerequisite: CSCI 3400

Continuation of 3400. Continued study of microprocessors, advanced logic design, sequential circuits, digital and switching waveforms, encoding of information, number representation and arithmetic, logical operations, computer architecture for very large and very small computer systems, memory systems, and CPU design.

**CSCI 3500 Theory of Automata, Formal Languages, and Computation (3)**

Prerequisite: MATH 3000 or CSCI 3400

Fundamental concepts in Computer Science, including: finite-state machines and regular expressions, context-free grammars and languages, push

down automata, Turing machines, undecidability, and computational complexity.

**CSCI 3700 Data Communications and Networking (3)**

Prerequisite: CSCI 2010

Fundamental concepts, definitions and theory of telecommunications and networking with practical applications. Special emphasis is on Internet Technology including the study of TCP/IP protocols. Other topics include LAN and WAN management, security and quality of service issues.

**CSCI 3900 Internship (3)**

Prerequisite: Permission of department chair

Designed to provide academic credit for meaningful computer-related experience gained while working in a business or industry. Satisfactory employer evaluation and detailed written documentation of the work performed is required. Pass/Fail registration required.

**CSCI 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 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 4400 Principles of Database Management (3)**

Prerequisite: CSCI 2010

Database development process, data structures and database methods of file storage, primitive databases, Relational model approach to database management, hierarchical, network and object oriented models, data security, discussion of sample databases such as DBASE, RDB, and SQL.

**CSCI 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 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.**DECISION SCIENCES***College of Business***DSCI 3410 Production Operations Management (3) E,S,SU**

(Cross listed with ENGT 3610)

Prerequisites: MATH 1810, MGT 3010, QM 3110;  
Admission to BBA Program

Methods of efficient plant management including production scheduling, inventory control, standards for pay and production; quality control, plant layout and location.

**DSCI 3500 Business and Economic Forecasting (3) F**

Prerequisites: ECON 2010, QM 3110; Junior Standing

Factors contributing to business fluctuations and description of the features of U.S. cycles, alternative models of business cycles, basic economic indices and indicators, and econometrics models and forecasting techniques.

**DSCI 3510 Managerial Dynamics and Simulation (3) S**

(Cross listed with DSCI 3510 and ENGT 3660)

Prerequisite: DSCI 3410

Computer Programming recommended

Identify and analyze dynamic phenomena surrounding the business environment through simulation techniques on the computer, queuing theory, inventory processing, sales forecasting, and advertising.

**DSCI 3530 Statistical Quality Control (3) F**

(Cross listed with MGT 3530 and ENGT 3650)

Prerequisites: Junior standing, DSCI 3410, MATH 1810, QM 3110; Admission to BBA Program

A continuation of DSCI 3410, stochastic inventory, integer, non-linear, mathematical and goal programming, the effects of quality control, plant layout and queuing on the overall production process and sensitivity analysis.

**DSCI 4410 Operation Research (3) S**

(Cross listed with MGT 4410 and ENGT 4610)

Prerequisites: DSCI 3410, Senior standing

Stochastic inventory, integer, non-linear, mathematical and goal programming, the effects of quality control, plant layout, and queuing on the overall production process and sensitivity analysis.

**DEVELOPMENTAL STUDIES***College of Arts and Letters*

***Developmental Studies courses award college credit, but do not count toward minimum degree requirements (see page 124).***

*NOTE: Students in DSPR 0700 or 0800 should avoid enrolling in reading intensive courses.*

**DSPM 0700 Basic Mathematics: Arithmetic (3)**

Course renumbered from MATH 0710

Provides basic instruction in arithmetic topics including: whole numbers, fractions, decimals, percent, and measurement. Also includes introductory pre-algebra topics: study skills, integers, linear equations in one variable, algebraic expressions, word problems, and rectangular coordinate system.

**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.

\* Changes to the curriculum are being considered at the state level. See the website for current updates.

**DSPM 0850 Intermediate Algebra (3)**

Course renumbered from MATH 0830

Designed to provide students the necessary skills to be successful in college level mathematics. Main topics include: roots, radicals, and complex numbers, graphs, relations and functions, quadratic equations and inequalities, and systems of linear equations. A Texas Instrument graphics calculator is used.

**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.

**DSPR 0800 Developmental Reading: College Reading Skills (3)**

Course renumbered from EDUC 0820

Uses text selections and other readings to develop skills in literal, inferential, critical, and study reading as well as introduces the use of reference materials.

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

**DSPS 0800 Learning Strategies (3)**

Course renumbered from PSY 0820

Focuses on the improvement of skills and attitudes necessary for college success. Group activities encourage development in problem solving, coping with stress, and understanding University policies. Activities also aid the improvement of self-esteem and in the explorations of career goals.

**DSPW 0700 Basic Writing (3)**

Course renumbered from ENG 0710

Intended to eliminate deficiencies in basic writing skills for minimum proficiency. Focuses on spelling, mechanics, grammar, and usage in the context of sen-

tences and paragraphs.

**DSPW 0800 Developmental Writing:**

**Introduction to Expository Writing (3)**

Course renumbered from ENG 0820

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

*Note: Students enrolled in DSPM 0700, 0800, and 0850 may not enroll in mathematics intensive courses.*

**EARLY CHILDHOOD**

*School of Education*

**EC 4130 Primary Methods & Curriculum (3)**

**F, S**

Prerequisite: Provisional admission to Teacher Education

Corequisite: RDG 4020, RDG 4050, EDUC 400S

Historical influences upon Early Childhood Education, language and other modes of development of the young child and curriculum development. A portion of the course is field based.

**EC 4140 Applications of Developmental Theory (3) S**

Prerequisite: EC 4130

Develops competency in the selection and use of materials, in the use of instructional strategies, and in the teaching of specific skills. A portion of course is field based.

**EC 4160 Learning Styles of the Culturally Different (2) SU**

Give the student appropriate experiences in: (1) developing an awareness of the learning styles, (2) investigating materials and methods designed to aid in the learning process, and (3) formulating objectives and techniques for working with the parents of the culturally different child.

**EC 4170 Evaluation and Assessment in Early Childhood Education (3)**

Prerequisite: EC 4140

Pupil assessment, evaluation of programs, and processes for parent involvement in Early Childhood Education. A portion of course is field based.

**ECONOMICS**

*College of Business*

**ECON 2000 Contemporary Economics (3)**

**E, SU**

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

**ECON 2010 Principles of Macroeconomics**

**(3) E, S, SU**

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

**ECON 2020 Principles of Microeconomics**

**(3) E, S, SU**

ECON 2010 is recommended

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

**ECON 3010 Intermediate Microeconomics**

**(3) S**

Prerequisite: ECON 2020

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

**ECON 3020 Intermediate Macroeconomics**

**(3) F**

Prerequisite: ECON 2010

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

**ECON 3210 Money And Banking (3) S or SU**

Prerequisite: ECON 2010

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

**ECON 3220 Managerial Economics (3) S**

Prerequisite: ECON 2010

Recommended QM 3110 and Junior Standing

Environment of the firm, intra-firm decision problems, analytical concepts and methods, partial-equilibrium analysis of the product markets, analysis of factor productivities, cost, pricing principles and practices, and estimation of demand and cost primarily from the standpoint of managers in the private sector.

### **ECON 3510 Government And Business (3) F or SU**

Prerequisite: ECON 2010

Relationships between government and business, government efforts to enforce competition to regulate public utilities, and protect the special interests of farmers, workers, and consumers.

### **ECON 4000 Issues in Free Enterprise (3)**

Prerequisite: Junior standing or admission to the BBA Program

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

### **ECON 4210 Public Finance (3) S, SU**

Prerequisite: ECON 2010 and Junior Standing

Role of government and its functions and limitations in a market, provision of goods and services by all levels of government instruments of taxation evaluated according to efficiency and equity criteria, and contemporary public sector issues.

### **ECON 4310 Labor Economics (3) S**

Prerequisite: ECON 2020 and Junior standing

Economics of the labor market and labor relations, theories of wages and employment, determination of

unemployment, investment in human capital, discrimination, public policy toward the labor market, role of labor unions, practices, procedures, legal foundations, legal structure associated with collective bargaining, form and content of the labor contract, grievance machinery, and mediation and arbitration institutions.

### **ECON 4410 History of Economic Thought (3) F**

Prerequisite: ECON 2010, 2020 and Junior standing

Origin and evolution of economic ideas with emphasis on historical context, problems, and nature of the solutions, historical survey of the economic doctrines of the physiocratic, classical, neoclassical, historical, Keynesian, and other schools of economic thought.

### **ECON 4610 International Economics (3) F or SU**

Prerequisite: ECON 2010, and Junior standing

Process of international commerce. Theory of trade and exchange rates, institutional and legal environment, current policy issues, analysis of international trade and finance, causes and effects of protection, balance of payments, foreign exchange market, international monetary and financial systems, and international economic cooperation and competition.

### **ECON 490A, B, C Special Problems in Economics (1, 2, 3) S, F, SU**

Prerequisites: Senior standing and permission of instructor

Teacher supervised independent study of economics topics (out-of-classroom) of mutual interest to the student and faculty member.



## **EDUCATION**

### *School of Education*

### **EDUC 1000 Orientation to Education (1) F, SU, S**

Designed for freshman and transfer students who have declared Education as a major, the course will: describe the options and concentrations available to Education major; identify the criteria for admissions to teacher education; identify the characteristics of graduates sought by potential employers; familiarize the students with computer applications needed by beginning education majors. Five hours of guided field experience.

**EDUC 2100 Foundations of Education (2)  
F,S**

Prerequisites: Sophomore standing, EDUC 1000

The social, philosophical and historical background of education. The course will contain lecture/discussion and a required field based experience.

**EDUC 3040 Instructional Technology (3)  
F,S,SU**

Prerequisite: EDUC 2100 or permission of instructor

Competency in microcomputer applications in the instructional process, including the use of instructional software, media integration, and use of micros in classroom management.

**EDUC 3070 Instructional Strategies (3)  
F,S,SU**

Prerequisite: Provisional admission to Teacher Education

Competencies in selected generic teaching skills such as mastery learning, questioning, positive reinforcement, pupil evaluation, etc. Required prior to methods block or secondary education methods courses (4400's). A field experience is required.

**EDUC 400S Teaching Social Studies in The Elementary School (3) F,S**

Prerequisite: Provisional admission to Teacher Education

Corequisite: EC 4130, RDG 4020 and RDG 4050

The objectives, problems, and instructional techniques employed in teaching social studies in the elementary school. A field experience is required.

**EDUC 4080 Classroom Organization And Management (3) F, S, SU**

Prerequisite: Provisional admission to Teacher Education

Theories of classroom organization and management and their application. A field experience is required. Must be taken semester prior to student teaching.

**EDUC 4090 Middle School Methods and Curriculum (3) F,S**

Prerequisite: Provisional admission to Teacher Education

Curriculum, program, and philosophy uniquely focused on the middle grades student. A field experience is required.

**EDUC 4160 Teaching Diverse Students (3)**

Introduces students to the concept of multicultural education as an idea, as an educational reform movement, and as a process, incorporating the principle that all students, regardless of their gender, disability status, social class, socioeconomic condition, ethnic, racial, cultural, or sexual identity should have an equal opportunity to learn in school.

**EDUC 4200 Capstone: Contemporary Problems And Issues (2) S**

A culminating course for the student seeking licensure to teach. Topics include school law, problems of the beginning teacher, seeking a teaching position, and professional growth.

**EDUC 4270 Classroom Evaluation and Assessment (3) S,F**

Pupil assessment, evaluation of programs, self-assessment; contemporary assessment strategies and related research applications.

**EDUC 4720 Special Topics in Education (1, 2, 3)**

Prerequisites: Permission of department chair

Used to satisfy special needs of groups or independent study activities for individuals.

**EDUC 4730 Problems in Education (1, 2, 3)**

Used to satisfy special needs of groups or individuals who have unusual or atypical requests.

**EDUC 4910 Seminar on Teaching F, S**

Corequisite: Student Teaching.

The "capstone" course for understanding and applying concepts which link theory and practice. Special topics and problems will be identified and discussed.

**EDUC 4410 - Student Teaching in Elementary School (6) F, S**

**EDUC 4510 - Student Teaching in Middle School (6) F, S**

**EDUC 4511 - Student Teaching in Middle School Content Areas**

**EDUC 4610 - Student Teaching in Secondary School (6) F, S**

**EDUC 441S, 451S, 461S - Student Teaching in Special Education (12) F, S**

Prerequisite: See Director of Professional Education Experiences 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 Dean of Education to register for any other credit other than Student Teaching and 4910 during the full Student Teaching semester.

## ENGLISH

### Department of Languages and Literature College of Arts and Letters

*DSPW 0700 and 0800 are Developmental Studies, see page 207.*

#### ENGL 1010, 1020 English Composition (3 each)

Development of the student's writing skills through a process of thinking, researching, planning, writing, researching, reviewing, revising, and editing expository essays.

*Note: ENGL 1010 is a prerequisite for ENGL 1020. ENGL 1010 and ENGL 1020 are prerequisites for all other English courses except English as a Second Language (ENGL 1210, 1220).*

#### ENGL 1100 Technical And Report Writing (3)

Styles and forms of technical writing designed for students whose jobs will require the writing and producing of a variety of technical documents. Topics covered include the nature of technical language, audience-analysis, data collection and organization, and page design, with practice in the writing of investigative reports, proposal, technical manuals, newsletters, and promotional materials. Students are introduced to word-processing, desktop publishing, and graphics computer programs. Exercises simulate actual working conditions.

#### ENGL 1210, 1220 English as a Second Language (4 each)

PREREQUISITES:

1. Status as an international student whose native language is not English.
2. The minimum proficiency in English that is required of foreign students for admission to the University (500 minimum score on TOEFL). This is a one-year series of courses designed to meet the special linguistic needs of international students or permanent residents whose native language is not ENGL 1210-

1220 do not satisfy the Communication requirement in the Liberal Arts core, nor do they count toward graduation. ENGL 1210-1220 do NOT satisfy the ENGL 1010 and ENGL 1020 requirement, but they do count toward semester accumulated hours.

ENGL 1210: Development of English language skills: reading, writing, speaking, and listening.

ENGL 1220: Focuses on composition, the process of organizing thoughts, writing, revising, and editing. Works of established writers are analyzed and discussed.

*Students using ENGL 2030 to repeat either ENGL 2010 or ENGL 2020 will need to submit a Repeat Card obtained from the Office of the Registrar in the Ellington Lobby.*

*ENGL 2030 is a prerequisite for all other literature classes.*

#### ENGL 2030 Traditions in World Literature (3)

An overview of world literature that will include works from different periods. This course is a prerequisite to all ENGL upper division courses.

#### ENGL 2040 World Literature: Fiction (3)

Selected readings in the genre of fiction, and novels and short stories, drawn from British and American literature and from English translations of the literature of other cultures and languages.

#### ENGL 2050 World Literature: Poetry (3)

Selected readings in the genre of poetry drawn from British and American literature and English translations from the literature of other cultures and languages.

#### ENGL 2060 World Literature: Drama (3)

Selected readings in the genre of drama drawn from British and American literature and English translations from the literature of other cultures and languages.

#### ENGL 2070 World Literature And Films (3)

Selections from and studies in the genre of film. The literary texts out of which the films have been created will also be read and analyzed—British and American texts, as well as English translations of texts from other cultures and languages.

**ENGL 2080 Themes in World Literature (3)**

Readings in literary works from around the world that focus on a common theme.

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

Writing and analysis of poetry and short stories.

**ENGL 3010: Studies in American Literature I (3)**

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

**ENGL 3020: Studies in American Literature II (3)**

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

**ENGL 3100: Studies in British Literature I (3)**

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

**ENGL 3130: Studies in British Literature II (3)**

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

**ENGL 3150 Shakespeare (3)**

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

**ENGL 3200 Expository Writing (3)**

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

**ENGL 3210 Writing Fiction (3)**

Prerequisite: ENGL 2200

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

**ENGL 3220 Writing Poetry (3)**

Prerequisite: ENGL 2200

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

**ENGL 3310 Survey of Short Fiction (3)**

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

**ENGL 3320 Survey of Contemporary Poetry (3)**

Exposes readers and writers of poetry to a variety of contemporary poems: by Americans, other writers of the English language, and, possibly, non-English-speaking writers in translation.

**ENGL 340A Arthurian Romance (3)**

Various versions of the Arthurian legend from the Middle Ages to the 20th century.

**ENGL 340B Literature of The American West (3)**

Representative works on the American West with attention to the historical, cultural, and psychological significance of this genre.

**ENGL 340C Modern Southern Fiction (3)**

Southern writers with special emphasis on those of the 20th century.

**ENGL 340D Mythology And Folklore (3)**

The role of mythology in literature from the Golden Age of Greece to that of contemporary popular culture, including the function of folklore stories, music, and legends.

**ENGL 340E Russian Literature (3)**

A study of Russian literature with emphasis on the 19th century.

**ENGL 340F Women Writers: Topics in Women's Literature (3)**

Examination of significant issues or topics reflected in women's literature from a variety of cultures and perspectives. Topics will be selected by individual instructors.



**ENGL 340G Critical Studies in African American Literature (3)**

Selected readings in African American literature with an emphasis on different critical approaches to literature.

**ENGL 340H African Writers (3)**

African writers in English since the colonial experience. Illuminates the character, literary and thematic concerns of the works studied. Students will read from West, East, and South African authors.

**ENGL 340J Shakespeare on Film (3)**

Students study plays through reading the plays and viewing significant 20th century films. Discussion focuses on film as an interpretative portrayal of a play, emphasizing how cinema translates Shakespeare's words. Some films are authentic dramatizations of plays while others are contemporary revisions through Broadway musicals and foreign films (with English subtitles).

**ENGL 340L Early American Literature (3)**

Major and minor writers from the first arrival of the Europeans to 1776.

**ENGL 340W Critical Studies in Women's Literature (3)**

Selected readings in Anglo-American women's literature with an emphasis on feminist, new historicist, and other contemporary critical approaches involving race, class, and gender issues.

**ENGL 3420 The Adolescent Experience in Literature (3)**

Emphasizes thematic connections between adolescent literature as a late-20th century genre and traditional literature from various literary perspectives. Particular focuses: aesthetic qualities, portrayal of adolescent developmental tasks, representation of adolescence in diverse cultural contexts, and application in Secondary-English classrooms. Required for English majors in teacher licensure program.

**ENGL 3500 Advanced Technical Writing (3)**

Prerequisite: ENGL 1100

Technical writing as a professional discipline, for students planning careers as technical writers or who anticipate that technical writing will be among their major duties in their chosen fields. Styles and forms in technical writing, emphasizing audience analysis and

other social aspects of technical writing along with page design and desktop publishing. Extensive use of computers.

**ENGL 3510 Technical Report Writing (3)**

Prerequisite: ENGL 1100 or ENGL 3500

Designed to give the student extensive practice in designing, writing and producing a variety of technical papers, reports, and manuals. Projects determined by student's major and interests. Extensive use of sophisticated graphics and desktop publishing equipment.

**ENGL 3600 Professional Writing and Editing (3)**

Prerequisite: ENGL 1100

Writing common to professions outside of business, academic writing, report writing, industrial writing, scientific discourse, empirical research, and environment writing.

**ENGL 360A American Drama (3)**

American drama as literature. Drama written in the 20th century, especially the works of Eugene O'Neill, Arthur Miller, Tennessee Williams, Maxwell Anderson, Lillian Hellman, Edward Albee, and others.

**ENGL 360B American Short Story (3)**

The historical and literary backgrounds of the American short story; extensive reading, discussion, and presentation of analyses of representative stories.

**ENGL 360C English Drama, 1580-1780 (3)**

Examination of selected non-Shakespearean plays of the Renaissance and of representative plays of the Restoration and 18th century as well as exposure to the nature of theaters of these periods and to the general character of the criticism of this literature.

**ENGL 360D Literary Criticism (3)**

An exploration of critical approaches to literary texts and a study of recent developments in the theory of language and literature.

**ENGL 360E Modern Drama (3)**

Important plays from Ibsen to the present. Also includes Strindberg, Chekhov, Pirandello, Shaw, and others.

**ENGL 360F Modern Fiction (3)**

Selected modern works of prose fiction by European as well as British and American authors.

**ENGL 360G Modern Poetry (3)**

Modern British and American poets with emphasis on poets of the late 19th and 20th centuries.

**ENGL 3700 Business Writing (3)**

Writing common to business, including rhetoric, style, and graphic design in memos, letters instructions, researched reports, and proposals

**ENGL 370A 17th Century British Prose And Poetry (3)**

Readings in prose, metaphysical poetry, and the Cavalier lyricists including Bacon, Donne, Milton, Jonson, Herrick, and Herbert.

**ENGL 4200 Writing Workshop: Expository Writing (3)**

Prerequisites: ENGL 3200 and permission of the instructor

An opportunity to develop skills learned and projects begun in 3200. The student is guided individually and as a member of a group through rigorous analysis and criticism of his/her work.

**ENGL 4210 Writing Workshop: Fiction (3)**

Prerequisites: ENGL 3210 and permission of the instructor

An opportunity to develop skills learned and projects begun in 3210. The student is guided individually and as a member of a group through rigorous analysis and criticism of his/her work.

**ENGL 4220 Writing Workshop: Poetry (3)**

Prerequisites: ENGL 3220 and permission of the instructor

An opportunity to develop skills learned and projects begun in 3220. The student is guided individually and as a member of a group through rigorous analysis and criticism of his/her work.

**ENGL 4400 Teaching English in Secondary School (3)**

Prerequisite: Provisional admission to Teacher Education Program

Surveys practices in the secondary school English classroom. Includes preparation of teaching unit, simulated teaching experiences, and methods for instructing students in literature, language, composition, visual literacy, and related areas within the language arts. Thirty hours of field experience are required.

**ENGL 4440 Course For Visiting Writers (3)**

The nature of the literature course will be determined by the visiting writer.

**ENGL 460A Major Medieval Writers (3)**

One major writer or selected major writers of the Middle Ages will be studied in depth.

**ENGL 460B Major Renaissance Writers (3)**

One or two major writers of the Renaissance will be studied in depth.

**ENGL 460C Major 18th Century Writers (3)**

One or two major writers of the 18th century period will be studied in depth.

**ENGL 460D Major Romantic Writers (3)**

One or two major writers of the Romantic period will be studied in depth.

**ENGL 460E Major Victorian Writers (3)**

One or two major writers of the Victorian period will be studied in depth.

**ENGL 460F Major American Writers I (3)**

One or two major American writers of prose will be studied in depth.

**ENGL 460G Major American Writers II (3)**

One or two major American poets will be studied in depth.

**ENGL 460H: Major Modern British Writers (3)**

One or two major British writers of the 20th century will be studied in depth.

**ENGL 4650 Independent Study in Language or Literature (3)**

Under special circumstances a student may be assigned an academic project not otherwise available. The assignment must be approved by the departmental chair.

**ENGL 4900 Playwriting (3) (Cross listed with THEA 4900)**

Prerequisite: Sophomore standing

Composing and revising scenes, and one or two one-act plays for stage performance.

**ENGL 4950 Advanced Playwriting (3) (Cross listed with THEA 4950)**

Prerequisite: ENGL 4900 or THEA 4900

Revising plays and one-act scripts for stage performance.

## ENGINEERING TECHNOLOGY

### School of Technology and Public Management

#### ENGT 1000 Introduction to Engineering and Engineering Technology

##### Three hours lecture (3)

Survey of engineering and engineering technology; fields of engineering and the engineering profession; academic training, careers, job expectations; technical problem solving skills.

#### ENGT 1010 Design Graphics (3)

Basic engineering graphics to include descriptive geometry, orthographic projection, sectioning, auxiliary views, dimensioning, axonometric and oblique views.

#### ENGT 1020 Computer Aided Drafting and Design I (3)

Prerequisite: General Computer skills

Use of computers for drafting and design; hardware and software used in two-dimensional mechanical drawing; dimensioning and plotting on paper to scale. Three dimensional and isometric drawings will also be included.

#### ENGT 1720 Plane Surveying (3)

Prerequisite: MATH 1720

Field procedure necessary for measuring distances, elevations, horizontal and vertical angles, topographic mapping, boundary and area calculations; chain and theodolite and stadia surveying, leveling and curve ranging.

#### ENGT 2000 Manufacturing Processes (3)

Prerequisites: ENGT 1010

Principles, processes and problems associated with conversion of engineering materials into useful forms and goods; machining operations using traditional and computer numerical controlled machine tools.

#### ENGT 2010 DC Circuits and Applications (3)

Prerequisite: MATH 1110

Overview of electrical engineering technology and electronics; direct current equipment and circuits; Ohms Law, series and parallel circuits, Kirchoff's Laws, Thevenin's and Norton's Theories applied to DC circuit analysis.

#### ENGT 2020 Robotics Fundamentals (3)

Prerequisites: General Computer Skills: ENGT 1020, CSCI 1010, or permission of instructor

Overview of robots and automation technology; terminology; classifications; end-of-arm tooling; sensors and interfacing; control; programming; applications; safety; development; future trends and social impact. Programming robots for different tasks.

#### ENGT 2030 AC Circuits and Applications (3)

Prerequisites: ENGT 2010, MATH 1720

Alternating current equipment and circuits; Kirchoff's Laws, Thevenin's and Norton's Theories applied to AC circuit analysis. Introduction to electronics and electronic components. Overview of electrical and power systems.

#### ENGT 2990 Cooperative Work Experience I (3)

Prerequisite: ENGT 1020; Sophomore standing

An educational experience combining college studies with institutionally supervised and pre-approved work experiences at cooperating organizations. Student must apply and be accepted prior to registration. Other regulations apply. See cooperative work experience advisor.

#### ENGT 3000 Materials Science (3)

Prerequisites: ENGT 2000, 2010, or permission of instructor

Introduction to structure, properties, and manufacture of engineering materials including polymers, metals, ceramics, and composites. Atomic, molecular, and crystal structures; crystal geometry, and growth will be related to electrical and mechanical properties.

#### ENGT 3010 Engineering Economics (3)

Prerequisite: MATH 1110 OR ECON 2000; Junior standing.

Basics of economic decision-making common to industrial management and personal finance. Time value of money and other commonly used measures for its present or future worth are compared in investment decisions.

#### ENGT 3020 Statics & Strength of Materials (3)

Prerequisite: MATH 1720, 1810

Analysis of forces acting on a body at rest, equilibrium of rigid body, friction, center of gravity, moment of

inertia, stresses and strains, torsion, shear, bending moment, deflection, Mohr's circle and column design.

### **ENGT 3030 Thermodynamics (3)**

Prerequisites: MATH 1810; PHYS 2010 and 2011

Application of thermodynamic principles to energy systems; properties and phase changes; energy conversion; power system operating cycles; refrigeration; introduction to heat transfer.

### **ENGT 3040 Power Transfer Technology (3)**

Prerequisite: MATH 1810; PHYS 2010 and 2011

Introduction to principles and practices for transfer of power utilizing high electrical voltages, hydraulics, and pneumatics.

### **ENGT 3050 Problem Solving in Engineering Technology (3)**

Prerequisite: ENGT 1000; MATH 1720; MATH 1810

Creative and analytic methods for solving technological problems. Creative strategies; problem definition; finding solutions; implementation and evaluation. Mathematical tools applied to technological problems. Plotting, data reduction, and curve fitting; statistical methods. Spreadsheets and mathematical analysis software applied to technological problems.

### **ENGT 3100 Robotics Applications (3)**

Prerequisite: ENGT 2020

Use of robots in various areas; case studies of industrial robotics applications; robot programming and implementation of dual robot systems.

### **ENGT 3200 Electronics Fundamentals I (3)**

Prerequisite: ENGT 2030

Introduction to semiconductor electronic devices: diodes, transistors, and other components. Uses of electronic components to produce useful circuits and equipment.

### **ENGT 3210 Communications Systems I (3)**

Prerequisites: ENGT 3200, MATH 1810

Introduction to communications systems with emphasis on linear integrated circuit applications. AM, FM and side band generation, transmission and reception techniques.

### **ENGT 3220 Digital Design I (3)**

Prerequisite: ENGT 2010

Digital combinational circuits and sequential cir-

cuits. 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.

## **FINANCE**

### *College of Business*

### **FIN 1000 Personal Finance (3) F, S**

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

### **FIN 3010 Principles of Finance (3) F, S, SU**

Prerequisite: Junior standing, Business majors must also meet the BBA admission requirement

A survey of business financial practices related to financial analysis, planning and control, managing working capital, capital investment, sources and costs of financing. Computer models and software are used in instruction.

### **FIN 3310 Investments (3) F, S, U**

Prerequisite: FIN 3010

A survey of the field of investments including investment setting, security markets, investment alternatives, valuation principles, strategy, and factors affecting security price movements. Available computer software is used.

### **FIN 4010 Managerial Finance (3) F, S**

Prerequisites: FIN 3010, ACCT 3210, and QM 3110

Financial management of the firm through in-depth study of financial planning, capital budgeting, working capital management, sources of financing, mergers, capital structure, and cost of capital. Available computer simulations and software are used with cases as instructional aides.

### **FIN 4210 Financial Markets And Institutions (3) F**

Prerequisite: FIN 3010

A study of financial markets and financial institutions. Emphasis will be placed on the interaction of financial markets and financial institutions, and their interaction with the corporate sector.

### **FIN 4310 Security Analysis And Portfolio Theory (3) S**

Prerequisites: FIN 3310, ACCT 3210 and QM 3110

A continuation of 3310 through in-depth study of security valuation; risk diversification; portfolio construction; and performance evaluation. Available computer software is used.

**FIN 4400 Financial Policy (3) S**

Prerequisites: FIN 3010, ACCT 3210 and QM 3110, or Senior standing, and permission of instructor

An analysis of selected financial problems and financial management decision-making using the case approach. The course emphasizes both internal and environmental analysis in developing appropriate financial strategies for the firm.

**FIN 4410 Selecting Equity Investments (3)****E, S**

Prerequisites: Senior standing

Equity investments decisions made by student teams for the TVA Investment Challenge or similar projects. Written and oral presentations are required.

**FIN 490A, B, C Special Problems in Finance (1, 2, 3) E, S, SU**

Prerequisites: Senior standing and permission of department chair and/or dean

Supervised independent study of finance topics (outside of classroom) which are academically relevant and of interest to both student and faculty.

**FRENCH**

**Department of Languages and Literature  
College of Arts and Letters**

**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 (6-8)**

Prerequisite: Basic knowledge of French or permission of instructor

A study program 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. 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 3410 Commercial French**

Vocabulary and concepts in French and Québec'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.

**GENERAL BUSINESS***College of Business***GB 1110 Introduction to Business (3) F, SU**

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

**GB 3900 Internship (3) E,S**

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

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

**GEOGRAPHY****Department of Geology and Geography**  
*College of Science and Mathematics***GEOG 1010 Physical Geography (3)**

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

**GEOG 1020 Geography of The Developed World (3)**

The regions and nations generally included within the developed world will be analyzed with respect to their world location, populations characteristics, economies, external connections/ relationships, and problems/potentialities. Europe, former Soviet Union, North America, and the more economically developed countries of the Pacific rim will be covered.

**GEOG 1030 Geography of The Developing World (3)**

The regions and nations generally included within the developing world will be analyzed with respect to

their world importance, locations, population characteristics, economies, external connections/relationships, and problems/potentialities. Middle America, South America, North Africa/Southwest Asia, SubSaharan Africa, South Asia, China, and Southeast Asia will be covered.

**GEOG 3060 Quantitative Geosciences Three hours lecture, three hours laboratory (4)(Cross listed with GEOL 3060)**

Prerequisites: GEOG 1010 or GEOL 1040, MATH 1120 or higher, or permission of instructor

Techniques of geologic and atmospheric data collection and analysis with special emphasis on those parametric and non-parametric statistics utilized in the applied Geosciences. Emphasis placed on computer applications.

**GEOG 3110 Geography of The United States And Canada (3)**

A spatial analysis of the physical and cultural characteristics of the United States and Canada within a regional context.

**GEOG 3150 Maps and Their Interpretation (3)**

Prerequisite: MATH 1110

General nature and uses of maps. Preparation of thematic maps and applied computer mapping techniques. Includes elementary statistical evaluation of geographical data.

**GEOG 3200 Living in The Environment (3)**

Addresses ecological problems associated with increasing human population pressures on world resources. Students are encouraged to evaluate suggested solutions to problems identified on the basis of sound ecology principles.

**GEOG 3230 Weather and Climate (3)**

The study of weather elements, the weather map, and a survey of the climates of the world.

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

Prerequisite: MATH 1120 or higher

Fundamental concepts and operations of geographic information systems that use personal computers to analyze map data on natural resources and human

populations. Application of coordinate systems and geocoding, vector and raster data structures, algorithms for the analysis of surfaces, error modeling, and data uncertainty to environmental issues.

### **GEOG 3750 Geography of the African World (3)**

A thematic approach to the multi-faceted aspects of the physical and human geography of Africa, contemporary geographic ideas, theories, and concepts and their applicability to African “real-world” situations.

### **GEOG 3910 Remote Sensing, Two hours lecture, two hours laboratory (3) (Cross listed with GEOL 3910)**

Prerequisites: MATH 1720; CHEM 1110 or PHYS 2010

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

### **GEOG 3920 Field Mapping and the Global Positioning System (3)**

Prerequisite: MATH 1720

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

### **GEOG 3930 Natural Hazards in The Environment (3)**

Prerequisites: GEOG 1010, GEOL 1040

Natural hazards are examined, including: thunderstorms, tornadoes, hurricanes, drought, volcanic eruptions, earthquakes, landslides, collapse, subsidence, floods, and wildfire. Emphasis is placed on the interaction between people and the physical process. An analysis is made of the human perception of disasters as well as preparedness and recovery planning.

### **GEOG 3940 Technological Hazards in The Environment (3)**

Prerequisite: GEOG 3200

Environmental hazards introduced into the environment as a byproduct of technology are examined including: air, water, land pollution and nuclear and industrial accidents. Emphasis is placed on the role of technology in altering natural processes and how society copes with the increasing risks posed to life, limb, and property.

### **GEOG 3950 Population And The Environment (3)**

Prerequisite: GEOG 3200

Increases in human population are one of the fundamental driving forces behind the current world environmental dilemma. Population growth leads to increased levels of resource depletion. Human population dynamics are analyzed and an examination is made of the relationships among human population dynamics, resource depletion, and pollution.

### **GEOG 3960 Urban Environments (3)**

An examination is made of the urban environments. Consideration is given to the urban environmental problems.

### **GEOG 3970 Water Resources 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. Environment decision-making in light of model output.

### **GEOG 3980 Economic Geography (3)**

Prerequisites: GEOG 1020 and GEOG 1030 are recommended

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

### **GEOG 4000 Environmental Management (3)**

Prerequisite: GEOG 3200

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 3200, 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 Modeling Dynamic Systems (3)**

Prerequisite: GEOG 3060

Structure and behavior of dynamic physical, economic, and human systems, cause-and-effect relationships, and feedback in dynamic models.

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

Prerequisites: GEOG 3060, GEOG 3250

Coordinate systems and geocoding, vector and raster data structures and algorithms, analysis involving surfaces, volumes, and time, error modeling, data uncertainty, and environmental issues; vector geographic information system application in lab.

**GEOG 4300 Map Compilation and Design (3)**

Prerequisites: GEOG 3060, GEOG 3150, GEOG 3250

Advanced concepts for the compilation and design of thematic maps, multi variate classification techniques, isarithmic mapping, and map presentation via the Internet.

*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**

**Department of Geography and Geology  
College of Science and Mathematics**

**GEOG 1000 Geology as a Profession (1)**

Explores varied roles geologists play in private industry and in government. The course features guest speakers who work as geologists in Middle Tennessee.

**GEOG 1040 Physical Geology Three hours lecture, two hours laboratory (4)**

Course renumbered from GEOG 1110

Minerals and rocks, volcanism and related processes,

weathering and soil development, glaciation, wind and stream erosion, major water and soil pollution problems, natural disaster forecasting, and development of landscape.

**GEOG 1050 Historical Geology Three hours lecture, two hours laboratory (4)**

Course renumbered from GEOG 1120

Plate tectonics and continental drift, development of major scientific theories about the earth, physical environment and organic populations of the earth in pre-historic times.

**GEOG 290A, B, C, D Internship in Geology (3, 4, 5, 6)**

Prerequisite: Admission to the departments Coop Program

University arranged and jointly supervised full-time salaried work experience as a technician-level employee of a geologically oriented government agency or company.

**GEOG 3000 Structural Geology Three hours lecture, three hours laboratory (4)**

Prerequisites: GEOG 1040, MATH 1720 or permission of instructor

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

**GEOG 3010 Topics in Volcanology Three hours lecture, two hours laboratory (4)**

Descriptive study of selected topics in volcanology with emphasis placed on formation, analysis of selected type areas, eruptive history, composition and characteristics of volcanic material and associated mineral deposits. Research paper involving a detailed analysis



of a selected topic required. An optional field trip to a volcanic terrain can be arranged.

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

Prerequisite: GEOL 1040

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

**GEOL 3060 Quantitative Geosciences Three hours lecture, three hours laboratory (4) (Cross listed with GEOG 3060)**

Prerequisites: GEOL 1040 or GEOG 1010; MATH 1120 or higher; or permission of instructor

Techniques of geologic and atmospheric data collection and analysis with special emphasis on those parametric and non-parametric statistics utilized in the applied Geosciences. Emphasis placed on computer applications.

**GEOL 3100 Stratigraphy And Sedimentation Three hours lecture, two hours laboratory (4)**

Prerequisites: GEOL 1040, GEOL 1050

The genesis, mode of occurrence, and historical significance of sedimentary structures and depositional environments. Laboratories focus on techniques of rock and sediment analysis. An overnight field trip is required.

**GEOL 3500 Mineralogy Three hours lecture, two hours laboratory (4)**

Prerequisites: GEOL 1040, CHEM 1110

Classification, properties, and occurrence of minerals; microscopic techniques of identification, mineral associations, environments of formation of common minerals.

**GEOL 3600 Petrology Three hours lecture, two hours laboratory (4)**

Prerequisite: GEOL 3500 at APSU or approval of transfer credit for Mineralogy from instructor

Megascopic and microscopic characters of rock, symmetry and distribution of rock bodies, textural and genetic classification of rocks.

**GEOL 3650 Geotechnique (3)**

Prerequisite: Permission of instructor

Techniques and instruments used in applied geology; planning a foundation study, using borehole sensors, and similar projects.

**GEOL 3680 Principles of Geochemistry (3)**

Prerequisites: GEOL 1050, CHEM 1120

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

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

Prerequisite: Admission to the departments Co-op Program

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

**GEOL 3910 Remote Sensing Two hours lecture, two hours laboratory (3)**

(Cross listed with GEOG 3910)

Prerequisites: MATH 1720; CHEM 1110 or PHYS 2010

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

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

Prerequisite: GEOL 1040 or permission of instructor

An applied, systematic process approach to landform development based upon threshold concepts. The morphic 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 3000

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

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

Prerequisites: GEOG 3970 or GEOL 3000 or higher;

MATH 1720 or higher

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

**GEOL 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 incorporated in this course will be study of classic examples of mineral deposits with their geologic and geographic occurrence.

**GEOL 450A, B, C Student Project (3 each)**

Prerequisite: Permission of instructor

To promote personal growth as an independent investigator, each well qualified senior or junior may complete an independent project with faculty support. Representative projects should include a field component. Field Geology, not offered at APSU, can satisfy Geology electives requirement if taken in the summer at an institution approved in advance by the department.

**GEOL 455A, B Seminar in Earth Science (1 each)**

Prerequisite: Permission of instructor

Exploration of a theme from the current literature in the earth sciences.

**GEOL 4910 Invertebrate Paleontology Three hours lecture, three hours laboratory (4)**

Prerequisite: GEOL 1050

Principles of faunal interpretation as applied to the fossil record of the invertebrate phyla. An overnight field trip is required.

**GEOL 4920 Advanced Paleontology (3)**

Prerequisite: GEOL 4910 or permission of instructor

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

**GEOL 4990 Field Camp (6)**

Prerequisite: Completion of courses required for Geology

Distributive Major or Permission of department chair

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

**GERMAN**

**Department of Languages and Literature  
College of Arts and Letters**

**GERM 1010, 1020 Elementary German (4 each)**

Prerequisite for GERM 1020: GERM 1010 or equivalent 101A-101B; 102A-102B (2 each) GERM 101A and GERM 101B are equivalent to GERM 1010; GERM 102A and GERM 102B are equivalent to GERM 1020.

Introduction to German language and culture with emphasis on oral communication. Extensive practice in reading, writing, speaking, and listening.

**GERM 2010, 2020 Intermediate German (3 each)**

Prerequisite for GERM 2010: GERM 1020 or equivalent; Prerequisite for GERM 2020: GERM 2010 or equivalent

A comprehensive review of German along with extensive reading, close textual examination, and discussion of representative works of German literature.

**GERM 3210 Advanced Composition in German (3)**

Prerequisite: GERM 2020 or permission of instructor

Free composition on assigned topics and translations to and from German from a variety of authors and topics to develop fluency and correctness in writing German.

**GERM 3220 Phonetics And Conversation in German (3)**

Prerequisite: GERM 2020 or permission of instructor

Extensive application of corrective phonetics to assure a high level of accuracy in German pronunciation. Concentrated practice in oral command of German. This course affords the student opportunities to discuss in German assigned topics in order to develop confidence and accuracy in oral expression.

**GERM 3510 German Civilization, Culture, and Geography I (3)**

Prerequisite: GERM 2020 or permission of the instructor  
 German civilization, history, culture, and geography from its origins until the 18th Century.

**GERM 3520 German Civilization, Culture, and Geography II (3)**

Prerequisite: GERM 2020 or permission of the instructor  
 German civilization, history, culture, and geography from the 18th Century on.

**GERM 4110, 4120 Independent Study in German (3 each)**

Prerequisite: Permission of instructor  
 Students study independently in German under instructor's guidance. Studies are planned to satisfy special individual needs and interests.

**GERM 4510 Survey of German Literature I (3)**

Prerequisite: GERM 2020  
 German literature from the beginning to 1800.

**GERM 4520 Survey of German Literature II (3)**

Prerequisite: GERM 2020  
 German literature from 1800 to the present.

**GREEK**

**Department of Languages and Literature**  
*College of Arts and Letters*

**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.

**HEALTH AND HUMAN PERFORMANCE**

*College of Professional Programs and Social Sciences*

**HHP 1210 Principles of Nutrition (3) E,S**

Introduction to nutritional science and an overview of diet and health in the United States, nutrients, functions and sources, chronic diseases, energy balance, diet evaluation, and sports nutrition.

**HHP 1260 Personal Health (3) E,S,SU**

Survey course covering various aspects of physical, mental and social well being. Attempts to create greater appreciation and understanding of health, which should be reflected in more intelligent self-direction of health behavior.

**HHP 2000 First Aid, CPR, And Safety (3) E,S,SU**

Designed to assist the students in techniques of immediate and temporary care in the event of an injury



or sudden illness. Personal Safety and American Red Cross courses in First Aid and Community CPR are incorporated into this course.

### **HHP 2002 Athletic Training Practicum (1-4)**

Observe athletic training procedures, therapeutic uses of athletic training taping, wrapping, and other modalities, organize a training program, and proficiency in organizing and carrying out duties of an athletic trainer. Minimum of 250 hours. May be repeated for a maximum of four hours over four semesters.

### **HHP 2050 Community And Environmental Health (3) F,S,SU**

An examination of the individuals and processes involved in the functioning of public and private community health agencies. The concepts of ecology and how ecological problems affect the quality of a healthful life are also presented.

### **HHP 2100 Officiating (3)**

Designed to give students a knowledge of rules, application of rules to competition, and mechanics of officiating in the sports of baseball, soccer, softball, volleyball, football, and basketball.

### **HHP 2110 Athletic Coaching of Football (3) F**

Overview of football theory, techniques, and fundamentals. Students are afforded opportunities to analyze game films, practice fundamentals, quiz varsity coaches about their specialties, learn how to organize practice and games, and learn basic rules of football.

### **HHP 2150 Athletic Coaching of Basketball (3)**

Overview of various basketball theories and philosophies, and how these theories and philosophies affect a coach's approach to the game. Additionally, students are provided an opportunity to practice fundamentals, organize a practice or game situation, develop strategies, and learn the rules of basketball.

### **HHP 2160 Athletic Coaching of Baseball (3)**

Techniques of batting and pitching, baseball strategy, how to play various positions; promoting the game; making schedules; inside points of baseball; care and construction of fields; field management.

### **HHP 2170 Athletic Coaching of Track And Field Events (3)**

Individual and team fundamentals for coaching track

with specific techniques on running, hurdling, and field events.

### **HHP 2200 Water Safety (3)**

Offers the skilled swimmer who has a current Advanced Lifesaving Certificate, or its equivalent, an opportunity to become a Certified American Red Cross Water Safety instructor. Student shall perform all skills related to life saving and shall demonstrate proficiency in teaching beginning and advanced swimming.

### **HHP 2240 Introduction to Physical Education (3) F**

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

### **HHP 3000 Health Care Management (3) F**

Prerequisite: Upper division standing or permission of department chair

A study of the principles of effective health care management techniques including planning, decision making, organizing, budgeting, communication, and direction.

### **HHP 3002 Athletic Training Practicum (1-4)**

Prerequisite: HHP 2002

Completed for four hours over three semesters. Clinical experiences in blood pressure measurement, crutch fitting, wound care, computer usage, transportation methods, heat index/sling psychrometer usage, intermittent compression unit applications, weighing techniques and assessments, body temperature assessment, BAPS board techniques, thera band and tubing exercises, goniometer usage, vision testing, girth measurements, and joint flexibility measurements.

### **HHP 3010 Physical Education For The Exceptional Child (3) F**

Prerequisite: Upper division standing or permission of department chair

Abnormalities and atypical cases; identification, with preventive and corrective practices. The theory and practice of planning special physical education and personal fitness and related skills programs for the elementary and secondary levels.

### **HHP 3021 Therapeutic Modalities (3)**

Prerequisite: HHP 2002

Therapeutic modalities, the physiological basis for



use, clinical application, and technique in the treatment and rehabilitation of injuries related to sports.

**HHP 3022 Rehabilitation Exercise (3)**

Prerequisite: HHP 2002

Appropriate exercise techniques for treating the athlete; developing a foundation in how to exercise; and articulating a rehabilitation exercise program.

**HHP 3100 School Health (3) S**

Prerequisite: Upper division standing or permission of department chair

Organization of the total health program including health services, healthful school environment, and health education. Emphasis is placed on methods of organizing and implementing health in the schools and the promotion of health in the school and community.

**HHP 3110 Substance Use And Abuse (3) F**

Prerequisite: Upper division standing or permission of department chair

The content and method pertaining to the preventive aspects of chemical dependency. Included will be emphasis on basic pharmacology, causes of drug abuse, possible alternatives and the role of school and community services.

**HHP 3120 Gymnastics: Theory And Methods (3) S**

Prerequisites: PHED 1020, upper division standing, or permission of department chair

Scope, content, and methodology of the gymnastics program. The student will learn how to teach the development of efficient and skilled use of the body in practical situations, when working alone and with others, on the floor and on apparatus.

**HHP 3150 Teaching Individual, Dual, And Team Sports (3) F**

Prerequisite: Upper division standing or permission of department chair

Knowledge of planning, organizing, and teaching individual, dual and team sports. Additionally, the student will develop individual abilities in individual, dual and team sports.

**HHP 3180 Introduction to Physical Education in Elementary Schools (3) F**

Prerequisite: Upper division standing or permission of department chair

The role of PE in child development with emphasis on the study of elementary schools, physical educators;

their philosophies, characteristics, and preparation; job opportunities; job satisfaction, and special problems in PE at the elementary level; and an overview of activities.

**HHP 3190 Rhythms, Plays, And Games For Elementary Children (3) ES,SU**

Prerequisite: Upper division standing or permission of department chair

Designed to provide instruction and experience in basic rhythms, dance games, and movement explorations for the elementary school child.

**HHP 3210 Methods And Materials in Physical Education For The Elementary School (3) F**

Prerequisite: Upper division standing or permission of department chair

A study of developmentally appropriate activities for the elementary child to include movement concepts and basic skills. Emphasis is placed on instructional approaches, feedback, assessment, and class management techniques. Students will observe in the schools.

**HHP 3230 Prevention And Care of Athletic Injuries (3)**

Prerequisite: Upper division standing or permission from department chair

Prevention and care of injuries, safety devices, use of wraps and supports, taping, therapeutic techniques, massage, and conditioning exercises.

**HHP 3300 Anatomical Kinesiology (3) S**

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

**HHP 4000 Introduction to Gerontology (3) F**

Prerequisite: Upper division standing or permission of department chair

An overview of the factors influencing the health of the aged and aging.

**HHP 4010 Community Recreation (3)**

Prerequisite: Upper division standing or permission of department chair

A practical study of materials and methods for recreation leadership in schools and communities.

**HHP 4020 Advanced Athletic Training (3)**

Prerequisite: HHP 3230

Advanced techniques of athletic training including emphasis on examination procedure for injured athletes and specific rehabilitation techniques for the major joints involved in athletic injuries, signs associated with injuries and procedures for ascertaining the severity of an injury and steps to take.

### **HHP 4040 Sport Psychology (3)**

Prerequisite: upper division standing or permission of department chair

Psychological principles in sports including motivational techniques, personality factors, communication principles, and anxiety reduction techniques.

### **HHP 4042 Administration of Athletic Training (3)**

Prerequisite: Upper division standing or permission of department chair

Background in emergency planning, a financial resources, equipment fitting, legal concepts, ethics and values, information management, program management, facilities, and insurance.

### **HHP 4050 Current Concepts in Wellness Promotion (3) S**

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

### **HHP 4060 Consumer Health (3) F**

Prerequisite: Upper division standing or permission of department chair

A study of fraudulent advertising and practices in the health field such as healing practices, dietary fads, reducing agents, and other healing arts which now comprise only a portion of the modern "medicine show."

### **HHP 4070 Introduction to Disease (3) F**

Prerequisite: Upper division standing or permission of department chair

Modern concepts of diseases including the etiology of common communicable and chronic diseases.

### **HHP 4080 Psychological Aspects of Human Sexuality (3)**

The focus is on the human or personal aspect of sexuality. Emphasis is placed on attitudes, emotions, and

behavior patterns as related to the development of healthy sexual lifestyles rather than on the anatomy and physiology of the reproductive system. Students are encouraged to integrate their own life experiences with the academic materials.

### **HHP 4090 Athletic Training Internship (12)**

Work site experience in athletic training in an area of interest to the student trainer.

### **HHP 4100 Camping And Camp Leadership (3)**

Prerequisite: Upper division standing or permission of department chair

Designed especially for those interested in camp counseling or in outdoor education. History and the growth of the camping movement, school camps, private camps, and family camping, with emphasis on the role of the camp counselor. Instruction and practical experience in camp craft will be included.

### **HHP 4110 Dance Theory And Technique, K-12 (3) F**

Prerequisite: Upper division standing or permission of department chair

Designed to give the students a basic understanding and skill in folk, square, modern, and ballroom dancing. Laboratory experiences in the actual teaching of rhythms are provided. Instruction is given in selection and graduation of materials.

### **HHP 4150 Fitness Assessment And Exercise Prescription (3) S**

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

### **HHP 4200 Administration And Supervision of Physical Education (3) S**

Prerequisite: Upper division standing or permission of department chair

Includes study of administrative processes, legal liability, basic instruction programs, intramural, and interscholastic athletics, equipment, and purchasing, facilities, grading, and public relations.

**HHP 4210 Measurement And Evaluation of Physical Education (3) S**

Prerequisite: Upper division standing or permission of department chair

Includes an appreciation of the importance of measurement in health and human performance and wellness. The types of tests appropriate for evaluation in health and human performance as well as fitness assessments will be covered. Methods of test construction and statistical analysis will be examined and applied.

**HHP 4220 Analysis of Movement (3) S**

Prerequisite: Upper division standing or permission of department chair

Designed to develop a basic understanding of how and where the body moves and what the body can do. Opportunities will be provided to demonstrate an understanding of the mechanical principles and concepts of movement and to apply these concepts of movement.

**HHP 4240 Introduction to Motor Learning (3) F**

Prerequisite: Upper division standing or permission of department chair

The study of the application of psychological and physiological principles to learning motor skills and strategies.

**HHP 4250 Physiology of Exercise (3) F**

Prerequisite: Upper division standing or permission of department chair

Constitutes the scientific basis of physical education. Studies of factors affecting muscle contraction, nervous control of muscular activity, effects of exercise on body function, muscle strength, stress and endurance, fatigue and recovery.

**HHP 4300 Introduction to Stress Management (3) S**

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

**HHP 4400 Teaching Health And Human Performance (3) S**

Prerequisite: Upper division standing or permission of department chair

Methods and materials for teaching health, physical education, and lifetime wellness. Emphasis is placed on

structuring units of work, lesson plans, evaluation and organization, and development of health, physical education, and lifetime wellness programs. Students will observe in schools.

**HHP 4444 Cultural Context of Health and Human Performance (3)**

Prerequisite: Junior or Senior standing

Capstone to integrate aspects of the Liberal Arts core with topics in health and wellness, physical education, and sport.

**HHP 4500 Epidemiology (3) S**

Prerequisites: HHP 4070, upper division standing, or permission of department chair

Examination of epidemiologic concepts in relation to specific public health issues. Disease investigation techniques, causal factors, case histories, and related biostatistics are examined and educational implications are discussed.

**HHP 4600 Public Health Administration And Law (3) S**

Prerequisite: Upper division standing or permission of department chair

Consideration will be given to organizational theory, decision making, leadership and principles of personnel and fiscal control. Interpretation of various state and local health laws, ordinances, and regulations.

**HHP 4910, 4920, 4930 Special Problems in Health And Human Performance (1, 2, 3)**

Prerequisite: Upper division standing or permission of department chair.

An independent study providing students with the opportunity to pursue a health related topic not offered as part of the general curriculum. Health related topics outside of major emphasis will be encouraged to broaden students perspective.

**HHP 4990 Internship in Health (12) S, SU**

Prerequisite: Upper division standing or permission of department chair

The internship consists of observation and participation in health care management at a selected health agency and consists of approximately 400 work or contact hours in the field. There is a blending of classroom theory and practical work experience.

## HISTORY

### Department of History and Philosophy College of Arts and Letters

#### **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)**

Indepth 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)**

Indepth 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 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 an 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 an 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**

### **Office of Enrichment Programs**

### **HON 1010 Language And The Problems of Modern Culture (3)**

An exploration of language as it operates within society, and across academic disciplines, with special attention to semantics and usage. Communication skills developed through constant composition, discussion, and public speaking.

### **HON 2010 The Roots of Western Culture (3)**

An exploration of the achievement of the Hebrews, Greeks, Romans, and other ancient peoples who have



influenced the way we think about politics, philosophy, the arts, and education.

### **HON 2020 Medieval Ideas (3)**

Study of crises and transformations as the Roman Empire collapsed into the diverse cultures of Medieval Islam and Christendom, with emphasis on social conflict and interaction as demonstrated in religious thought, artistic expression, political forms, and military action.

### **HON 2030 Renaissance Ideas (3)**

Exploration of basic ideas and values in science, art, politics, music, religion, and literature, with attention to the emergence of national identities from the Renaissance to the early modern era.

### **HON 2040 The Modern Age (3)**

Examination of the major upheavals of the modern period - in politics, science, religion, and the arts - which have transformed the life and thought of our own time.

### **HON 300x Colloquium (3 each)**

An interdisciplinary exploration of a special topic, an issue of current concern, or a major non-Western culture. Specific topics and course titles to be announced each semester. Students may enroll for one or more of these special colloquia.

### **HON 4000 Senior Honors Capstone Seminar (2)**

An interdisciplinary seminar which explores the insights various academic disciplines offer for approaching the problems of the contemporary world.

## **INTERNATIONAL STUDIES**

### **Office of Enrichment Programs**

### **INTS 2000 Introduction to International Studies (3)**

An emphasis on different disciplines and their global influences. Students will learn how to prepare themselves for understanding challenges and establishing international connections for their future professional and career opportunities.

### **INTS 3000 Study Abroad (12-18)**

Provide appropriate credit for students studying full-time abroad under the supervision of qualified faculty.

## **JAPANESE**

### **Department of Languages and Literature College of Arts and Letters**

### **JAPN 1010, 1020 Elementary Japanese (4 each)**

Prerequisite for JAPN 1020: JAPN 1010 or equivalent

Initial instruction in Japanese language and culture. Extensive practice in reading, writing, speaking, and listening.

### **JAPN 2010, 2020 Intermediate Japanese (3)**

Prerequisite for JAPN 2010: JAPN 1020 or equivalent;

Prerequisite for JAPN 2020: JAPN 2010 or equivalent

A comprehensive review of Japanese along with extensive reading and close textual examination.

### **JAPN 3000 Study Abroad - Japan (12)**

Prerequisite: basic knowledge of Japanese language or permission of the Campus Representative.

Study program designed to provide students with a total Japanese-speaking environment which will allow a broadening knowledge and appreciation of the Japanese language and culture.

## **LATIN**

### **Department of Languages and Literature College of Arts and Letters**

### **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.

**LEADERSHIP - President's Emerging Leaders Program**

**Office of Academic Affairs**

All courses are open only to students accepted into the program, except LDSP 3000.

**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 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.

**LINGUISTICS**

**Department of Languages and Literature  
College of Arts and Letters**

**LING 3010 Greek And Latin Etymology (1)**

Origin and derivation of words from Greek and Latin stems most frequently found in the English language. Exercises and drills to increase vocabulary. No foreign language prerequisite.

**LING 4010 History And Etymology of English (3)**

Linguistic and historical development of the English language; origin and derivation of words from Greek and Latin stems most frequently found in the English language; exercises and drills to increase vocabulary.

**LING 4020 History of American English (3)**

The diachronic evolution of American English from World War II to the present. The focus is also on language awareness in standard English, prejudice and discrimination in language usage, cultural diversity, gender, politics, law, and in such topics as euphemism, taboo, censorship, media, and advertising.

**LING 4040 Structure And Dialects of American English (3)**

History and development of the science of descriptive linguistics, including consideration of its application to the teaching of English; an overview of American dialects with close attention to proper use of the International Phonetics Alphabet.

**LING 4050 English Grammar And Usage (3)**

Fundamentals of predication: verbs, verbal clauses, nouns, pronouns, and terminology. Style and usage of verbal expression in standard English exemplified in the national media. Emphasis on enunciation, accent, pace, phrasing, use of idiom and slang, and the more admired options of speaking.

**LING 4400 Teaching Modern Languages in High School (3)**

General and specific problems involved in the teaching of modern foreign languages in high school. Activities include demonstrations in applied linguistics, as well as discussions, observations, field trips, classroom practice, and individual projects.

**MATHEMATICS EDUCATION**

**Department of Mathematics and Computer Science**

*College of Science and Mathematics*

**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**

**Department of Mathematics and Computer Science**

*College of Science and Mathematics*

*DSPM 0700, 0800 and 0850 are Developmental Studies, see page 212.*

**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 1110 College Algebra (3)**

Course renumbered from MATH 1210

Prerequisite: Two years high school algebra

Basic algebraic concepts, equations, functions and graphs, inequalities, and systems of equations.

**MATH 1120 College Algebra (3)**

Course renumbered from MATH 1220

Prerequisite: MATH 1110

Matrices, conic sections, theory of equations, exponential and logarithmic functions, mathematical induction, sequences, permutations, combinations, probability, and other finite mathematical concepts.

**MATH 1410 Structures of Mathematical Systems (3)**

Course renumbered from MATH 2110

Prerequisite: Two years high school mathematics

Problem solving, the system of rational numbers, logic, sets, functions, algebra, and number theory.

**MATH 1411 Structure of Mathematical Systems Lab (1)**

Course renumbered from MATH 211L

Corequisite: MATH 1410

Elective mathematics laboratory for students desiring extra assistance with MATH 1410. Lab instruction will focus on problem solving. Pass/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: MATH 1110

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

**MATH 1610 Fundamental Concepts of Mathematics (3)**

Course renumbered from MATH 1140

Prerequisite: A mathematical background equivalent to the completion of secondary school Algebra I and Geometry.

Logic, sets and counting, fundamental concepts of probability and statistics, and finance.

**MATH 1620 Fundamental Concepts of Mathematics (3)**

Course renumbered from MATH 1150

Prerequisite: MATH 1610

Geometry, matrices and Markov chains, linear programming, exponential and logarithmic functions.

**MATH 1720 Trigonometry (3)**

Course renumbered from MATH 1330

Prerequisite: Two years high school algebra, 1110 or equivalent

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

**MATH 1810 Elements of Calculus (3)**

Course renumbered from MATH 1610

Prerequisite: Two years of high school algebra

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

**MATH 1820 Elements of Calculus (3)**

Course renumbered from MATH 1620

Prerequisite: MATH 1810

A continuation of 1810. Functions of several variables, exponential and logarithmic functions, differential equations, Taylor polynomials, infinite series, and numerical methods.

**MATH 1910 Calculus And Analytic Geometry (5)**

Course renumbered from 2010

Prerequisite: Four years high school mathematics, including trigonometry

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

**MATH 1920 Calculus And Analytic Geometry (5)**

Course renumbered from 2020

Prerequisite: MATH 1910

Polar coordinates, numerical integration, infinite series, techniques of integration, improper integral, conic sections, and transcendental functions.

**MATH 2110 Calculus (3)**

Course renumbered from 2030

Prerequisite: MATH 1920

Three dimensional vectors, partial derivatives, multiple integration, and vector calculus.

### **MATH 3000 Discrete Mathematics (3)**

Prerequisites: MATH 1820, 1920, or permission of instructor

The study of algorithms, counting methods and combinatorics, graph theory, trees, Boolean algebras and combinatorial circuits.

### **MATH 3010 Introduction to Mathematical Reasoning (3)**

Prerequisite: Math 1920

Topics include inductive and deductive reasoning, symbolic logic, truth tables, set theory, and functions, with emphasis on various techniques in proving mathematical theorems. Applications to geometry, number theory, algebra, analysis, and topology will be discussed.

### **MATH 3120 Differential Equations (3)**

Course renumbered from MATH 3100

Prerequisite: MATH 2110

First order differential equations and applications, linear equations of higher order and applications, series solutions of differential equations, Bessel functions and other classical functions obtained by series solutions.

### **MATH 3130 Differential Equations (3)**

Course renumbered from MATH 3110

Prerequisite: MATH 3120

The Laplace transform and its application to differential equations, systems of linear differential equations, numerical methods. Fourier series and the solution of boundary value problems involving partial differential equations such as the heat equation and the wave equation.

### **MATH 3450 Linear Algebra (3)**

Prerequisite: MATH 1920

Systems of linear equations, determinants, vector spaces with emphasis on finite-dimensional spaces, linear transformations, similarity, eigenvalues and eigenvectors, diagonalization, quadratic forms, numerical methods, and applications.

### **MATH 3630 College Geometry (3)**

Prerequisites: MATH 1910 and one year of high school geometry

An introduction to modern elementary geometry, transformational geometry, projective geometry, non-

Euclidean geometry, and foundations of geometry.

### **MATH 3700 Mathematics of Finance (3)**

Prerequisite: MATH 1120

A mathematical treatment of the basic formulas underlying finance, investment and life insurance. An introduction to the theory of compound interest and compound discount, ordinary and general annuities, amortization and sinking funds, bonds and life insurance.

### **MATH 4010 History of Mathematics (3)**

Prerequisite: Permission of instructor

Development of elementary mathematics and a study of the individuals who contributed to it.

### **MATH 4020 Geometry For Elementary 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 School Teachers (3)**

Prerequisite: MATH 1420

An in-depth investigation of problem solving strategies and procedures. Particular emphasis will be placed on problem solving in an algebraic context.

### **MATH 4100 Mathematical Concepts Development (3)**

Prerequisite: MATH 1420 and Provisional admission to Teacher Education

Contemporary elementary school mathematics curriculum, teaching materials, and strategies for effective teaching. Field experience required.

### **MATH 4110 Number Theory (3)**

Prerequisite: MATH 1920

Divisibility, properties of primes, analysis of congruence, quadratic residues, and Diophantine analysis.

### **MATH 4160 Complex Analysis (3)**

Prerequisite: MATH 1920

The algebra of complex numbers, properties of analytic functions, elementary functions and mapping, complex integration, power series, residues and poles, conformal mapping.

**MATH 4200 Mathematics Content and Pedagogy for Middle School (3)**

Prerequisite: 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

Emphasis on those topics having statistical applications. Sample spaces, continuous and discrete random variables and their probability distributions.

**MATH 4250 Mathematical Statistics (3)**

Prerequisite: MATH 4240

Multivariate probability distributions, estimation of parameters, hypothesis testing, linear models, analysis of variance, analysis of enumerative data, and non-parametric statistics.

**MATH 4450 Mathematical Models (3)**

Prerequisite: MATH 1920, 3450

Formation of mathematical models for problems in science and business. Special emphasis on models requiring algebra, calculus, discrete methods, linear programming, and probabilistic models.

**MATH 4460 Applied Mathematics (3)**

Prerequisite: MATH 2110, 3120, 4450

Analysis and solution of mathematical problems arising from scientific and industrial settings including mathematical models requiring differential equations. Writing and presentation of mathematical models and solutions.

**MATH 4500 Modern Algebra (3)**

Prerequisite: MATH 1920

Relations, maps, abstract algebras, groups, rings, integral domains, order, morphisms, fields, and factorization.

**MATH 4670 Numerical Analysis (3)**

Prerequisites: MATH 1920 and CSCI 1010 or permission

of instructor

Digital computer programming, finite differences, numerical integration, matrix computations, numerical solutions of non-linear systems and differential equations.

**MATH 4710 Advanced Calculus (3)**

Prerequisite: MATH 2110

Logic and proof, functions, cardinality, real numbers, sequences, limits, continuity, differentiation, integration, infinite series, sequences, and series of functions.

**MATH 4810 Senior Seminar (1)**

Prerequisite: Senior standing and permission of department chair

The threads that link concepts found in undergraduate mathematics will be discussed. The transition from student to career will be addressed. The library and other resources will be utilized to encourage a continuing development of mathematical thought.

**MATH 4900, 490A Special Problems (3 each)**

Prerequisite: At least 30 hours in mathematics

Elected mathematical topics of general interest.

**MATH 4910, 4920, 4930 Topics in Mathematics (1 each)**

Prerequisite: Permission of instructor

Workshops of short duration, organized around topics of current interest.

**MANAGEMENT***College of Business***MGT 3010 Principles of Management And Organizational Behavior (3) E,S,SU**

Prerequisite: Junior standing; Business majors must also meet the BBA admission requirements.

The basic concepts and principles of management and organizational behavior are considered. Special attention is devoted to such human behavioral aspects as interpersonal relations, group dynamics, power and conflict, leadership and motivation, and organizational culture and development.

**MGT 3110 Organization Behavior And Theory (3) E,SU**

Prerequisite: MGT 3010

An analysis of individual, interpersonal, and group



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

### **MGT 3210 Human Resource Management (3) E,S**

Prerequisite: MGT 3010

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

### **MGT 3610 Entrepreneurship (3) E,SU**

Prerequisite: MGT 3010

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

### **MGT 4000 Issues in Free Enterprise (3) E,S,SU**

Prerequisite: Junior standing or admission to the BBA program

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

### **MGT 4110 International Management (3) S**

Prerequisites: MGT 3010, Junior standing

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

### **MGT 4810 Strategic Management (3) E,S,SU**

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

Analysis of business problems and managerial decision-making using case studies and secondary research sources. The course emphasizes environmental and internal analysis to develop strategies for the organization. A written case analysis and presentation are required.

Completion of DSCI 3410 is strongly recommended.

### **MGT 490A, B, C Special Problems in Management (1, 2, 3) E,S,SU**

Prerequisites: MGT 3010, Senior standing, and permission of instructor

Application of the scientific method to business problems which are of interest to both faculty and students, and are academically relevant.

## **MANAGEMENT INFORMATION SYSTEMS**

### *College of Business*

### **MIS 1200 Business Information Technology (3) E,S,SU**

Prerequisite: Computer Literacy, MIS 1100, or permission of the instructor

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

### **MIS 4100 Management Information Systems (3) E,S,SU**

Prerequisite: Admission to the BBA program

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

## **MARKETING**

### *College of Business*

### **MKT 3010 Principles of Marketing (3) E,S,SU**

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

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



**MKT 3110 Salesmanship F**

Prerequisite: MKT 3010

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

**MKT 3210 Retailing Management E,SU**

Prerequisite: MKT 3010

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

**MKT 3310 Sales Management (3) S,SU**

Prerequisite: MKT 3010

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

**MKT 3410 International Marketing (3) S,SU**

Prerequisite: MKT 3010

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

**MKT 3510 Consumer And Market Behavior (3) S,SU**

Prerequisite: MKT 3010

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

**MKT 3710 Applications in Business Geographics (3) S**

Prerequisite: MKT 3010

An in-depth examination and study of the spatial analysis of business information. Course content will consist of both the theory and practical application of geographical information systems in solving business problems. The emphasis of the course will be to develop a working knowledge of GIS software, basic cartographic principles, data sources, and a cognizance of the spatial relationship inherent in business data. Skills and knowledge obtained during the course will be refined through their application to business situations applicable to spatial analysis.

**MKT 4000 Issues in Free Enterprise (3) E,S,SU**

Prerequisite: Junior standing or admission to the BBA program

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

**MKT 4150 Industrial Marketing (3) S**

Prerequisite: MKT 3010

Problems involved in marketing materials, equipment, services, supplies, and components to the industrial and institutional markets are discussed. Purchasing, institutional economics, pricing, promotion, distribution, and the case study method are emphasized relative to rational buying motives.

**MKT 4310 Advertising And Promotional Strategy (3) E,SU**

Prerequisite: MKT 3010

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

**MKT 4450 Marketing Research (3) F**

Prerequisites: MKT 3010, QM 3110

A critical study of the process, principles, and functions involved with the research process and product. Topics include research design, sampling, questionnaire design, statistical manipulation and inference, data collection, and research results preparation and

presentation. Actual research projects are conducted and presented to the clients.

### **MKT 4800 Marketing Management (3) S**

Prerequisites: MKT 3010, 3210, 4310, 4450

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

### **MKT 490A, B, C Special Problems in Marketing (1, 2, 3) E,S,SU**

Prerequisites: MKT 3010, Senior standing, and permission of instructor

Individual research and analysis of contemporary problems, issues and opportunities in concentrated areas of study under the guidance of a faculty member. The application of academic and theoretical constructs to specific problems and issues is emphasized.

## **MILITARY SCIENCE AND LEADERSHIP (ROTC)**

*College of Professional Studies and Social Sciences*

### **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 cardiorespiratory endurance.

### **MSL 1010 Leadership And Management Skills I Two hours lecture, two hours laboratory (2) F**

Time management, organizational and planning skills; and the recognition, understanding, and development of leadership abilities for the undergraduate. Introduction to the military including rappelling, history and traditions of the Armed Forces, contemporary issues facing today’s Army, and introduction to Army weapons.

### **MSL 1020 Leadership And Management Skills II Two hours lecture, two hours laboratory (2) S**

Basic military skills and knowledge to include: leadership, drill and ceremonies, rappelling and mountaineering, introduction to the role, organization, and branches of the U.S. Army; introduction to first aid measures, and introduction to military decision-making process.

### **MSL 2010 Introduction to Tactical Skills I, Two hours lecture, two hours laboratory (2) F**

Prerequisites: MSL 1010, 1020, permission of instructor

Basic military skills and knowledge to include rifle marksmanship, firing the M- 16 rifle; instruction on the principles of leadership; and customs and traditions of the service.

### **MSL 2020 Introduction to Tactical Skills II, Two hours lecture, two hours laboratory (2) S**

Prerequisites: MSL 1010, 1020, or permission of instructor

Introduction to basic tactical skills such as map reading, land navigation, and orienteering. Topics covered include basic first aid, tactical communications, introduction to tactics, and leadership.

### **MSL 2030 Leaders Training Course (3) SU**

Required for non-veterans entering their Junior year in the fall term. Consists of five weeks (264 hours) of instruction on the principles of leadership, teamwork, drill and ceremonies, tactics, a familiarization with the basic units in the Army; practical application of the principles of patrolling; physical training; weapons familiarization and marksmanship. Qualified students may compete for a two-year scholarship, undergraduate or graduate level.

### **MSL 3010 Tactical Leadership I, Three hours lecture, two hours laboratory (3) F**

Prerequisites: MSL 1010, 1020, 2010, 2020 or 2030

Principles and skills to include: advanced map reading, land navigation, and leadership. Topics include branches of the Army first aid, hygiene, radio and communication procedures. Introduction to small unit tactics. Physical fitness is highly emphasized. Designed to prepare the student for advanced camp and future service as an officer.

**MSL 3020 Tactical Leadership II, Three hours lecture, two hours laboratory (3) S**

Prerequisites: MSL 1010, 1020, 2010, 2020 or 2030

Advanced small unit tactics to include basic principles of patrolling. A study of command and staff functions, light infantry organization, weapons, principles of war, troop leading procedures, and combat orders. An analysis of leadership techniques and successful combat leadership. Physical fitness is highly emphasized. Designed to prepare the student for advanced camp and future service as an officer.

**MSL 3040 National Advanced Leadership Camp (4) SU**

Prerequisites: MSL 3010, 3020, or permission of instructor

Commissioning requirements for all cadets. Consisting of five weeks (264 hours) of summer training instruction on the advanced techniques of leadership in small units; exercises in garrison, and tactical operations in the field; physical training and conditioning; weapons qualifications; orientation on combat arms team operations.

**MSL 4010 Advanced Military Skills/Knowledge I, Three hours lecture, two hours laboratory (3)**

Prerequisite: MSL 3020

Leadership and management instruction designed to prepare the student for commissioning, the officer basic course, and first assignment. Course includes preparation of accession packets, Army writing style; preparation of after-action reports; briefings, plans and orders; preparation and conduct of meetings; and the Army personnel, intelligence, training, and logistics systems. Physical fitness is highly emphasized.

**MSL 4020 Advanced Military Skills/Knowledge II, Three hours lecture, two hours laboratory (3) S**

Prerequisite: MSL 4010

Leadership and management instruction designed to prepare the student for commissioning, the officer basic course, and first assignment. Course includes military law and justice, role of the noncommissioned officer, customs and traditions of the service, and fundamentals of the military profession (leadership and ethics). Physical fitness is highly emphasized.

**MSL 4030 Military Leadership Seminar Three hours lecture, two hours laboratory (3) F**

Prerequisite: Advanced course enrollment

Study of leadership techniques and theory through historical case studies, contemporary writings, and a performance-based program. 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.

**MSL 4040 Military Leadership Seminar Three hours lecture, two hours laboratory (3) S**

Prerequisite: Advanced course enrollment

Leadership techniques and theory through historical case studies, contemporary writings, and a performance-based program.

**MUSIC***College of Arts and Letters***MUS 1030 Music Appreciation (3)**

Course renumbered from MUS 2000

An introductory course designed to help create an awareness of the contribution which music can make toward the enrichment of living.

**MUS 1040, 1050 Introduction to Music Theory (3 each)**

Basic fundamentals of music theory for students who need preparation for MUS 1110/1120 (Music Theory I). The basics of notation, scales, meters, intervals and chords will be emphasized. This class will be required to students unable to pass the diagnostic exam for Music Theory I.

**MUS 1060 Recital Attendance (Pass/Fail)**

Full-time Music majors are required to attend 15 approved recitals and concerts each semester.

**MUS 1110, 1120 Music Theory I (4 each) Five periods**

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

**MUS 1950, 1960 Introduction to Music Literature (2 each)**

A survey of media and composers important in each period of music history, with special attention to the predominant musical style of the period. These courses must be taken sequentially.

**MUS 2030 World Music (3)**

Exposes non-music majors to the varied functions and forms music has in culture, with particular emphasis on non-western types. The study of traditional music, contemporary indigenous music, and musical fusions created and used by a variety of cultures are points of entry for exploring and understanding societies highly differentiated from our own.

**MUS 2050 Beginning Music Reading and Performance (3)**

An activities course, providing the general college student an introduction to reading music and performing through singing or playing one of a variety of instruments.

**MUS 2100 Music in America (3)**

A survey of all kinds of music widely available in present-day America, designed to improve listening skills and discrimination.

**MUS 2110, 2120 Music Theory II (4 each) Five periods**

Prerequisites: MUS 1110, 1120

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

**MUS 3010, 3020 Music History (3 each)**

Prerequisites: MUS 1950, 1960

A historical survey of the development of music from Greek civilization to the present day. These courses must be taken sequentially.

**MUS 3080 Music for Elementary Teachers (3)**

A basic course for elementary classroom teachers. This course requires no previous musical background. Emphasis is on the development of functional skills in rhythm, melody, harmony, listening skills, and creative experiences.

**MUS 3140 Introduction to Jazz Harmony (2)**

Prerequisite: MUS 2120

Spelling and analysis of chords and the creation of chord scales characteristic of jazz. Class time will be used to analyze and practice material created by established jazz artists.

**MUS 3141 Jazz Harmony Lab (1)**

This course extends the Intro to jazz Harmony course providing a lab experience, with either a live or a recorded rhythm section performing in the jazz style, allowing the students to improve their improvisational skills in a controlled environment and apply skills discussed in previous course.

**MUS 3160 Introduction to Music Technology (3)**

Prerequisite: Music majors and minors or by permission of instructor

Practical familiarity and a basic theoretical understanding of current music technology and its educational application. Surveys computer and instrument hardware and software, interactive CD-ROMS, Internet resources, CU-SeeMee video 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 3510, 3520 Beginning Composition (3 each)**

Prerequisites: MUS 1110, 1120 and permission of instructor

Covers the basic craft of composition for students with no prior background in creative composition. Emphasis will be on writing short instrumental pieces (one to five instruments) using simple formal constructions and vocal music with emphasis on methods of text setting.

**MUS 3530, 3540 Intermediate Composition (3 each)**

Prerequisites: MUS 3510, 3520

Class will cover more sophisticated instrumental and vocal techniques in chamber music with particular attention given to the use of more advanced techniques of musical development and formal construction.

**MUS 3860 Guitar Pedagogy (3)**

Prepares students to teach guitar on the class and studio level. It will include lectures on teaching techniques, survey of materials, and laboratory teaching and observance.

**MUS 4110, 4120 Music Analysis (3 each)**

Prerequisite: MUS 2120

Development of analytical skills for music written from 1820 to the present. Analytical approaches covering works from the early and late Romantic, Impressionist, Expressionist periods; study and analysis of serial and post- World War II compositional styles. These courses must be taken sequentially.

**MUS 4240 Marching Band Techniques (3)**

Planning field shows for the marching band, charting, dance steps, parades, routines, scoring for outdoor playing.

**MUS 4260 Materials and Techniques For Instrumental Instruction (3)**

A survey of study and solo material for all instruments, singly and in small and large ensembles.

Problems in individual and class instruction considered.

**MUS 4270 Vocal Pedagogy (3)**

Widely accepted methods of solo vocal instruction and problems encountered in vocal pedagogy. This course is primarily concerned with the development of the young singing voice.

**MUS 4280 Piano Pedagogy (3)**

Techniques in teaching piano by the class method; materials and methods for private instruction.

**MUS 4310 Survey of Piano Literature (3)**

An historical survey of the contributive elements, stylistic characteristics, form and keyboard techniques from the 16th century to the 20th century. Intended primarily for piano majors; others with the consent of the instructor.

**MUS 4320 Guitar Literature (3)**

Prerequisite: Guitar major, or permission of instructor

Survey of guitar repertoire, literature, and associated performance practices from the Renaissance to the present.

**MUS 4330 Music before 1750 (3)**

Prerequisite: MUS 3020

Repertoires of Medieval, Renaissance, and Baroque music; development of methods for structural analysis and the critical appraisal of style change; study of individual pieces representing the major repertoires; study of notation, theory, and performance practice.

**MUS 4340 Music from 1750 to 1900 (3)**

Prerequisite: MUS 3020

Repertoires of Classical and Romantic music; structural and style-critical analysis of individual pieces representing the major repertoires of the period.

**MUS 4350 Music after 1900 (3)**

Prerequisite: MUS 3020

Repertoires of the Modern period; development of methods and strategies for structural and style-critical analysis; study of aesthetic and theoretical issues; study of individual pieces representing the major repertoires.

**MUS 4370 Art Song Literature (3)**

Solo vocal literature from the 17th century to the present; including French, German, British, and American repertoire.

**MUS 4380 Choral Techniques (3)**

Problems of chorus and choral instruction with the emphasis on organization, rehearsal, diction, intonation, tone quality, balance, blend, and style. Deals specifically with choral music in the secondary school.

**MUS 4390 Choral Literature (3)**

Choral music from the 16th century to the present with emphasis on the major compositions including a cappella works and extended works with chorus and orchestra.

**MUS 4420 Symphonic Literature (3)**

Prerequisites: MUS 3010, 3020

Repertoire of the symphony orchestra from its origins around 1750 to the present day.

**MUS 4430 Chamber Music Literature (3)**

Prerequisites: MUS 3010, 3020

Chamber music repertoire from the 18th century to the present day.

**MUS 4450 Opera Literature (3)**

Prerequisites: MUS 1950, 1960

Development of opera from its beginning in the late 16th century to the present.

**MUS 4460 Music of Many Cultures (3)**

Prerequisites: MUS 1950, 1960 or permission of instructor

The study of folk and traditional music from North and South America, Asia, Australia, Africa, and Europe. Music students' training in classical Western music will be used as a point of departure for developing and applying critical and analytical skills to non-western music.

**MUS 4510, 4520 Advanced Composition (3 each)**

Prerequisite: MUS 3520

Covers advanced compositional techniques. Emphasis will be on music for larger ensembles (extended chamber ensembles and orchestra).

**MUS 4522 Italian Diction for Singers (1)****Two periods**

Fundamentals of correct pronunciation of the language for singing, speaking, and the international phonetic alphabet.

**MUS 4523 German Diction for Singers (1)****Two periods**

Fundamentals of correct pronunciation of the lan-

guage for singing, speaking, and the international phonetic alphabet.

**MUS 4524 French Diction for Singers (1)**  
**Two periods**

Fundamentals of correct pronunciation of the language for singing, speaking, and the international phonetic alphabet.

**MUS 4550 Music for The Band (3)**

Development of music for the band. Analysis of representative works.

**MUS 4610, 4620 Topics in Music Education (1 each)**

Workshops of short duration, organized under the direction of a visiting clinician. The subject may be any one appropriate in the field of music education.

**MUS 4810 Orchestration (3)**

Prerequisite: MUS 2120

Arranging and transcribing for instruments; basic ranges and transpositions; sonorities of individual instruments and their combinations.

**APPLIED MUSIC - GROUP INSTRUCTION**

*1:xxx and 2:xxx numbered courses are freshman and sophomore level; 3:xxx and 4:xxx numbered courses are upper division.*

**MUS 1160, 1170 Class Piano (1 each) Two periods**

Group instruction for music majors. The course develops basic reading and keyboard technique. Students work toward completion of the scale, harmonization, and repertoire portions of the piano proficiency exam.

**MUS 1210, 1220 Class Guitar (1 each) Two periods**

Group instruction for those who have had no previous guitar experience. The course will provide an introduction to the technique and classical literature of the guitar. These courses must be taken in sequence.

**MUS 1250 Class Voice (1) Two periods**

Group instruction in the fundamental processes of good singing-breathing, tone production, diction.



**MUS 1350, 3350\* Orchestra (1 each)**

**Three periods**

Open to all students with permission of instructor.

**MUS 1500, 3500\* Choir (1 each) Three periods**

Open to all students with the permission of the instructor.

**MUS 1600, 3600\* Symphonic Band (1 each) Three periods**

Open to all students with the permission of the instructor.

**MUS 1610, 3610\* Pep-Lab Band (1 each) Three periods**

Open to all students with the permission of instructor.

**MUS 1630, 3630\* Marching Band (1 each)**

A performing organization functioning during the Fall semester relative to football games, parades, and contest exhibitions.

**MUS 1700, 3700\* Accompanying (1 each)**

Experiences for pianists and guitarists in accompanying various solo music.

**MUS 1710, 3710\* Chamber Ensemble (1 each)**

Experiences in preparing and performing music written for small ensembles.

**MUS 1760, 3760\* Woodwind Ensemble (1 each) Three periods**

Open to all students with the permission of instructor.

**MUS 1770, 3770\* Electronic Music Ensemble (1 each) Three periods**

Open to any student by audition.

**MUS 1910, 3910\* Chamber Singers (1 each) Three periods**

Open to any student by audition.

**MUS 1920, 3920\* Brass Choir (1 each) Three periods**

Any student may enter with permission of instructor.

**MUS 1930, 3930\* Jazz Band (1 each) Three periods**

Any student may enter with permission of instructor.

**MUS 1940, 3940\* Opera Workshop (1 each)**

**Three periods**

A realistic laboratory approach to the selection and presentation of opera. Open to any person interested in any phase of opera production. Public performances of opera will be given when feasible.

**MUS 1980, 3980\* Percussion Ensemble (1 each) Three periods**

Any student may enter with permission of instructor.

**MUS 1990, 3990\* Guitar Ensemble (1 each) Three periods**

Open to all students with permission of the instructor.

**MUS 2160, 2170 Class Piano II (1 each)**

Prerequisites: MUS 1160, 1170 or permission of instructor

Group instruction for music majors. The second year piano class builds upon the skills developed during the first year. Students work toward completion of the chorale, sightreading, and accompanying portions of the piano proficiency exam.

**MUS 3800 Basic Conducting (2) Three periods**

Elementary theory and practice of conducting. Basic beat patterns, subdivisions, beat character, basic score reading.

**MUS 3810 Choral Conducting (2) Three periods**

The theory and practice of choral conducting including expressive gestures, score preparation, asymmetrical beat patterns, establishing proper mood, and interpretation based on an understanding of historical style periods. Functional knowledge of string, wind, and percussion instruments.

**MUS 3820 Instrumental Conducting (2) Three periods**

Problems of instrumental balance, style, intonation, phrasing, dynamics, and tone quality are considered.

Additional factors considered include score preparation, transposition, proper rehearsal techniques, and an understanding of musical terms and symbols and their proper interpretation within the context of the musical score.

*\* May be repeated for credit*



**MUS 3890 Brass Group Instruction (2) Three periods**

Acquisition of a working knowledge of the brasswind instruments through study of their mechanical operation and performance techniques; elementary performance experiences.

**MUS 3900 Percussion Group Instruction (2) Three periods**

Acquisition of a working knowledge of the percussion instruments through study of their mechanical operation and performance techniques; elementary performance experiences.

**MUS 4790, 4800 Woodwind Group Instruction (1 each) Two periods**

Practical playing experience and instruction in methods of tone production, fingering, and care of the single reed, double reed and non-reed woodwind instruments.

**MUS 4890 String Group Instruction (2) Three periods**

Acquisition of a working knowledge of the violin, viola, cello, and bass viol through practical playing experience, emphasizing position, fingering, and bowing problems.

*\* May be repeated for credit*

**APPLIED MUSIC - INDIVIDUAL INSTRUCTION**

Enrollment for individual applied music lessons must have the approval of the instructor. Students who miss regularly scheduled lessons (except for reasons of illness or institutionally excused absence) are not entitled to makeup lessons or refunds. All fees are paid in the Business Office of the University.

**FEES PER SEMESTER**

One half-hour lesson per week . . . . . \$100  
 One hour lesson per week . . . . . \$200

The 1xxx level courses listed below may be taken for 1, 2, or 3 hours credit. The 3xxx level courses may be taken for 1 or 3 hours credit. May be repeated for credit.

- MUS 1100-3100 Piano**
- MUS 1150-3150 Organ**
- MUS 1200-3200 Voice**
- MUS 1300-3300 Violin**
- MUS 1310-3310 Viola**

- MUS 1320-3320 Cello**
- MUS 1330-3330 String Bass**
- MUS 1340-3340 Saxophone**
- MUS 1370-3370 Flute**
- MUS 1380-3380 Oboe**
- MUS 1390-3390 Clarinet**
- MUS 1410-3410 Bassoon**
- MUS 1420-3420 French Horn**
- MUS 1430-3430 Trumpet**
- MUS 1440-3440 Trombone**
- MUS 1450-3450 Baritone**
- MUS 1460-3460 Tuba**
- MUS 1470-3470 Percussion**
- MUS 1480-3480 Guitar**
- MUS 3950 Junior Recital (1)**
- MUS 4930 Senior Recital (1)**
- MUS 4950 Senior Recital (2)**

**NURSING**

**School of Nursing**  
**College of Professional Programs**  
**and Social Sciences**

**NURS 3010 Concepts of Self-Care (2)**

Prerequisite: Admission to the BSN Program  
 Links concepts and theories from arts and sciences with concepts and theories for nurse agency.

**NURS 3020 Assessment of Self-Care Requisites (4)**

Prerequisite: Admission to the BSN Program  
 Prepares the student to assess universal, developmental, and health deviation self-care requisites. Includes 1 student credit hour of lab.

**NURS 3030 Introduction to Nursing Agency (8)**

Prerequisite: Admission to the BSN Program  
 Includes concepts, knowledge, and skills fundamental to understanding the social, interpersonal, and technological components of nursing practice. Includes math components and 4 student credit hours of skills lab, clinical experience.

**NURS 3040 Sexual Health Promotion (1)**

Prerequisite: Admission to the BSN Program  
 Provides the essential information needed to build a strong knowledge base from which sexual health concerns can be addressed.

**NURS 3060 Nursing Systems Related to Mental Health (8)**

Prerequisites: NURS 3010, 3020, 3030, 3040

Application of self-care theory and the nursing process in a variety of mental health settings. Includes 4 student credit hours of clinical.

**NURS 3070 Nursing Systems Related to Adults I (8)**

Prerequisites: NURS 3010, 3020, 3030, 3040

Application of the nursing process in the care of adults with self-care deficits and therapeutic self-care demands in a structured setting. Includes 4 student credit hours of clinical.

**NURS 3080 Pharmacology For Self-Care (2)**

Prerequisite: Admission to the BSN Program

Integrates the principles of pharmacology and pathophysiology. Emphasis is placed on pharmacological interaction for clients with health deficits.

**NURS 4010 Introduction of Research For The Nursing Agency (3)**

Prerequisites: NURS 3060, 3070, 3080

Reviews additional nursing theorists, introduces the research process through formulation of a research proposal.

**NURS 4020 Nursing Systems Throughout The Lifespan (8)**

Prerequisites: Admission to the RN-BSN Track, NURS 3010, 3020, 3040

Focuses on preventative holistic health care throughout the lifespan. Includes 4 student credit hours of clinical.

**NURS 4040 Nursing Systems Related to The Child Bearing Family (9)**

Prerequisite: Successful completion of Junior nursing courses

Prepares the student to apply knowledge of development and assessment skills while caring for infants, children, adolescents, and child bearing family. Emphasizes health teaching. Includes 4 student credit hours of clinical.

**NURS 4050 Nursing Agency in The Community (6)**

Prerequisite: Successful completion of Junior nursing courses

Introduces the student to community health care.

Provides experiences with individuals, families, and groups in the community setting. Includes 3 student credit hours of clinical.

**NURS 4060 Nursing Systems Related to Adults II (8)**

Prerequisites: NURS 4010 and successful completion of Junior nursing courses

Continued application of the nursing process in the care of adults with self-care deficits and therapeutic self-care demands of a complex nature in a variety of settings. Includes 4 student credit hours of clinical.

**NURS 4070 Leadership And Management For The Nursing Agency (6)**

Prerequisites: NURS 4010 and successful completion of Junior nursing courses

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.

**NURS 4444 Cultural Context of Nursing (3)**

Prerequisite: successful completion of Junior nursing courses

Capstone to integrate aspects of the Liberal Arts core with topics in the nursing profession.

**PHYSICAL EDUCATION**

**Department of Health And Human Performance**

**College of Professional Programs and Social Sciences**

**PHED 100A, B, C; 200A, B, C Adaptive Physical Education (1 each)**

Meets the physical education requirements and planned in terms of the needs and capacities of those students who should not participate in regular physical education classes due to their health status. The

classification shall be made by a physician. Contact department chair.

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

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

<b>PHED 1010</b>	<b>Jogging</b>
<b>PHED 1011</b>	<b>Beginning Bowling</b>
<b>PHED 1012</b>	<b>Beginning Karate</b>
<b>PHED 1013</b>	<b>Advanced Bowling</b>
<b>PHED 1014</b>	<b>Intermediate Karate</b>
<b>PHED 1015</b>	<b>Fitness Swim</b>
<b>PHED 1016</b>	<b>Race Walking</b>
<b>PHED 1017</b>	<b>Water Aerobics</b>
<b>PHED 1018</b>	<b>Contemporary Clogging</b>
<b>PHED 1020</b>	<b>Basic Gymnastics</b>
<b>PHED 1050</b>	<b>Beginning Tennis</b>
<b>PHED 1060</b>	<b>Beginning Golf</b>
<b>PHED 1070</b>	<b>Beginning Swimming</b>
<b>PHED 1130</b>	<b>Softball</b>
<b>PHED 1190</b>	<b>Aerobic Dance</b>
<b>PHED 1210</b>	<b>Weight Training</b>
<b>PHED 1250</b>	<b>Advanced Tennis</b>
<b>PHED 1260</b>	<b>Advanced Golf</b>
<b>PHED 1310</b>	<b>Physical Fitness</b>
<b>PHED 2010</b>	<b>Volleyball</b>
<b>PHED 2020</b>	<b>Basketball</b>
<b>PHED 2030</b>	<b>Badminton</b>
<b>PHED 2040</b>	<b>Flag Football</b>
<b>PHED 2050</b>	<b>Track And Field Sports</b>
<b>PHED 2060</b>	<b>Racquetball</b>
<b>PHED 2070</b>	<b>Advanced Lifesaving</b>
<b>PHED 2080</b>	<b>Soccer</b>
<b>PHED 2130</b>	<b>Aerchery</b>
<b>PHED 2140</b>	<b>Beginning Modern Dance</b>
<b>PHED 2180</b>	<b>Folk And American Square Dancing</b>
<b>PHED 2190</b>	<b>Social Dancing</b>
<b>PHED 2210</b>	<b>Introduction to Rhythms</b>
<b>PHED 2220</b>	<b>Advanced Gymnastics</b>

## **PHILOSOPHY**

### **Department of History and Philosophy College of Arts and Letters**

**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 bio-medical ethics: the patient-professional relationship, abortion, euthanasia, allocation of medical resources, genetic engineering, and research involving human subjects.

**PHIL 2310 Environmental Ethics (3)**

Application of moral theory to issues and problems that arise as a result of human interaction with the environment. Ecocentrism and anthropocentrism, the relative value and importance of nature, species, and individual animals, wilderness and species preservation, and environmentalism and international justice.

**PHIL 2400 Business Ethics (3)**

Application of moral theory to major issues of business and management ethics: civil liberties, rights, and affirmative action; unions and distributive justice; personnel issues; health, safety and environmental issues; capitalism, corporate and international business practice; middle management ethical dilemmas; ethical responsibility towards consumers.

**PHIL 2410 Educational Ethics (3)**

Application of moral theory to education including issues in teaching, research, and service such as: paternalism, indoctrination, neutrality in evaluation, multiculturalism, academic misconduct, race, and gender issues.

**PHIL 2900 Critical Reasoning And Logic (3)**

Prerequisite 3 hours of philosophy or MATH 1110

Analysis of the nature and the functions of language, the kinds of meaning and definition, the recognition of arguments, the fundamental tools of critical reasoning, the basic concepts of logic such as deduction, induction, validity, the informal fallacies, and formal syllogistic logic.

**PHIL 3040 History of Ethics (3)**

Prerequisite: Three hours of philosophy or permission of instructor

History of moral philosophy from the ancient to the contemporary periods, including Aristotle, Hobbes, Hume, Kant, and Mill.

**PHIL 3050 Religious Ethics (3)**

Prerequisites: Three hours of philosophy or permission of instructor

A study of the moral theories of the world's religions, including Christianity, Judaism, Islam, Buddhism, and Hinduism.

**PHIL 3100 Ancient Philosophy (3)**

Prerequisites: Three hours of philosophy or permission of instructor

History of Western philosophy from its pre-Socratic origins through Classical Greek and Hellenic thought. Emphasis is placed on the pre-Socratics, Socrates, Plato, Aristotle, the Epicureans, and the Stoics.

**PHIL 3200 Medieval Philosophy (3)**

Prerequisites: Three hours of philosophy or permission of instructor

The Medieval world view as a religious transformation of Greek philosophy into three cultures in conflict: Judaism, Christianity, and Islam. Emphasis is placed on Augustine, Aquinas, Maimonides, and the Muslim Aristoteleans.

**PHIL 4000 Symbolic Logic (3)**

Prerequisites: PHIL 2900, MATH 1210, MATH 1330, or permission of instructor.

Development of propositional logic and truth tables, rules of implication, replacement, validity and invalidity, predicate logic, quantification, relation between logic and mathematics.

**PHIL 4100 Social-Political Philosophy (3)**

Prerequisites: Six hours of philosophy or permission of instructor

History of social & political philosophy.

**PHIL 4200 Advanced Studies in World Religions (3)**

Prerequisites: PHIL 2200 plus one upper division philosophy class

Exploration of World Religions at an advanced seminar level requiring students to teach class sessions and write several research papers.

**PHIL 4300 Modern (15th-18th Century) Philosophy (3)**

Prerequisite: Six hours of philosophy or permission of instructor

The history of Western philosophy from Descartes through Kant with emphasis on Continental Rationalism, British Empiricism, and Kant.

**PHIL 4400 19th And 20th Century Philosophy (3)**

Prerequisite: Six hours of philosophy or permission of instructor

Important philosophers of the 19th century and important philosophical movements of the 20th century.

**PHIL 4500 Philosophy of Religion (3)**

Prerequisite: Six hours of philosophy or permission of instructor

Basic philosophical issues of religion and the religious life. The nature of religion, the relationship between faith and reason, the existence of God and the problem of evil, and the immortality of the soul will be discussed.

**PHIL 4600 Literature And Philosophy of Existentialism (3)**

Prerequisites: Three hours of philosophy or permission of the instructor

The literature and philosophy of existentialism from Kierkegaard to Sartre. Questions to be considered: What does it mean to be human? Is man free? What is absurdity? What is self-deception?

**PHIL 4720 Ethical Theory**

Prerequisites: Six hours of philosophy or permission of instructor

An examination of contemporary problems in ethical theory. Rationality of moral judgments and moral standards, the nature of moral language, moral relativism and skepticism, punishment, blame, and free will and the ought/is problem.

**PHIL 4910 Epistemology**

Prerequisites: Six hours of philosophy or permission of instructor

Classical and contemporary readings in the theory of knowledge. The nature of knowledge, skepticism, theories of truth, concepts of evidence and rationality, and the justification of induction.

**PHIL 490A Seminar: Philosophy (3)**

Prerequisite: Six hours of philosophy or permission of instructor.

Advanced seminar in selected topics in philosophy.

**PHIL 490B Seminar: Ethics (3)**

Prerequisite: Six hours of philosophy or permission of instructor

Advanced seminar in selected topics in ethics.

**PHIL 490C Seminar: Religion (3)**

Prerequisite: Six hours of philosophy or permission of instructor

Advanced seminar in selected topics in religion.

**PHYSICS***College of Science and Mathematics***PHYS 1010 Understanding The Physical World Three hours lecture, Three hours lab (4)**

Motion, energy, properties of matter, heat, and sound. The approach is conceptual and non-mathematical. The role of physics in the understanding of everyday experiences in our technological society. Laboratory 1011 is to be taken concurrently.

**PHYS 1020 Understanding The Physical World Three hours lecture, Three hours lab (4)**

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

**PHYS 1710<sup>1</sup> Introductory Chemistry and Physics (4)** (Same as CHEM 1710)

Introductory integrated lab/lecture course in chemistry and physics. Included are hands-on and computer based

activities in the scientific method, astronomy, motion, energy, kinetic theory, waves and sound, atomic structure, electricity and magnetism, elements and periodic properties, chemical bonding, electrochemistry, environmental issues, and linkage to NASA via the Internet.

*College Physics(2010 and 2020) uses algebra and trigonometry. University Physics (2110 and 2120) uses calculus ideas and notation and has calculus as a Corequisite. College Physics satisfies the requirements for preprofessional students in medicine and dentistry. University Physics is taught for physics majors and minors and students in preengineering. It is recommended for mathematics or computer science majors. Some Preprofessional students may be required to take the calculus-based sequence by their professional school.*

**PHYS 2010 College Physics Four hours lecture and demonstration, three hours lab (5)**

Prerequisite: MATH 1110

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

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

Prerequisite: PHYS 2010

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

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

Corequisites: MATH 1910, PHYS 2111

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

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

Prerequisite:PHYS 2110

The continuation of 2110 which covers the same general topics as 2020. The mathematical level involves more use of calculus than 2110.

**PHYS 3005 Theoretical Methods for Scientists and Engineers (4)**

Prerequisite: PHYS 2020 or 2120, MATH 1920

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 3020 Statics and Dynamics (3)**

Prerequisite: PHYS 3010

Lagrange's and Hamilton's methods of solution of the motions of a system, and systems in static equilibrium.

**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 &amp; PHYS 3050

The study of operational amplifiers, three phase circuits, and delta and wye connections. Complex frequency analysis of circuits with sinusoidal forcing functions. The study of mutual inductance, transformers as circuit elements, and linear and ideal transformers. Trigonometric and complex Fourier analysis will be used.

**PHYS 3100 Optics Three hours lecture and demonstration (3)**

Prerequisite: One year of general physics

Reflection and refraction, the eye, telescopes and microscopes, lasers, interference, diffraction, and polarization.

**PHYS 3550 Experimental Methods for Scientists and Engineers (3)**

Prerequisite: PHYS 2120

Experimental techniques used in physics and engineering including data acquisition and control, vacuum technology, thermometry, light sources, optical components and techniques, materials and machining.

**PHYS 3700 Introduction to Modern Physics (3)**

Prerequisite: PHYS 2120 or permission of instructor

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, Atoms, and Molecules (3)**

Prerequisite: PHYS 3700 and 3701

Schrodinger's treatment of three dimensional systems including one electron atoms, angular momentum quantization, and molecules.

**PHYS 3900 Nuclear And Particle Physics (2)**

Prerequisite: PHYS 3700

Nuclear structure models, nuclear reactions, elementary particles, the standard model, and interaction theories.

**PHYS 3901 Radioactivity Laboratory Three hours laboratory (1)**

Prerequisite: PHYS 2120, Organic Chemistry, or permission of instructor

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



**PHYS 4000 Computational Methods for Scientists and Engineers (3)**

Prerequisite: PHYS 3005, CSCI 1010 or equivalent programming course

Computational techniques used for problem solving in physics. Numerical techniques for solving ordinary differential and partial differential equations, and systems of equations; analysis of data; curve fitting and spectral methods; and numerical solutions of systems of equations. Applications of these techniques to physical problems.

**PHYS 4010 Quantum Mechanics (3)**

Prerequisite: PHYS 3800, 4000

The quantum mechanical treatment of physical systems including numerical solutions in Schrodinger's and Heisenberg's approaches.

**PHYS 4040 Materials and Condensed Matter (3)**

Prerequisite PHYS 3800

Mechanical, electronic, magnetic, optical and thermodynamic properties of metals, alloys, semiconductors, ceramics, and polymeric materials.

**PHYS 4100 Optoelectronics (3)**

Prerequisite: PHYS 3030, 3100, and 3700

Principles of optics and electromagnetic theory applied to optoelectronics including solid state physics, modulation of light, display device, lasers, photodetection, fiber optics and optical communications.

**PHYS 4150 Special Topics in Physics (1-3)**

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

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

**PHYS 4151 Research Experience Four hours laboratory (2)**

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 3020

Mechanics for those who expect to do graduate stud-

ies. 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.

<sup>1</sup> Credit for PHYS 1710 may not be combined with CHEM 1010 or PHYS 1010 to fulfill the V.B. Liberal Arts core requirements

**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.

**PUBLIC MANAGEMENT****School of Technology and Public Management****PM 2500 Statistics For Public Management (3)**

Introduction to basic statistics needed for conducting social science research.

**PM 3010 Developing Volunteer Programs (3)**

This class is designed to foster and develop a theoretical understanding and a practical application for private citizens/agencies and public agencies to work together in providing a wide range of public services - from feeding and clothing; neighborhood crime watch; habitats for humanities; to mental health assistance. In this class we will explore and examine effective methods for managing volunteer programs supported by private and public agencies. This analysis will be conducted from a historical perspective.

**PM 3140 Introduction to The Legal Process (3)**

Provides a basic background in the United States legal process for students who want only an overview of the process or who plan to take additional courses in the legal field. The course will survey the history of the



common law, legal reasoning, basic terminology, legal research, the legal profession, and provide an introduction to civil and criminal processes.

**PM 3150 The American Criminal Justice System (3)**

Describes and analyzes the system's operational components from a multi-disciplinary perspective. Material is drawn from administrative sciences, law, human behavior, sociology, psychology, and political science, in addition to criminal justice.

**PM 3160 Civil Rights And Civil Liberties (3)**

Focuses on civil liberties in terms of congressional statutes and judicial rulings. The impact of judicial rulings on the implementation and administration of statutory law is examined.

**PM 3170 Criminal Law (3)**

Provides an analysis of the nature and theories of law and the substantive nature of common law and statutory law regarding criminal sanctions. Constitutional case law is the primary mode of analysis.

**PM 3180 Criminal Procedures (3)**

The procedural aspects of criminal law pertaining to police powers in connection with the laws of arrest search and seizure, the exclusionary rule, eavesdropping, confessions, and related decision-making factors.

**PM 3200 Public Sector Management (3)**

Management in the public sector with a special focus upon the ways in which government employs a wide variety of disciplines in the implementation of public policy.

**PM 3230 Public Personnel Administration (3)**

Governmental policies in the United States relating to the staffing of public administrative agencies. Examination of the structure of the civil service system, personnel recruitment, selections, training, and collective bargaining by public employees.

**PM 3235 Public Policy Analysis (3)**

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

**PM 3240 Public Budgeting And Financial Management (3)**

Budgeting and financial management in the public

sector. Reviews the governmental revenues and expenditures. Analyzes the practices and procedures of public financial management.

**PM 3250 The Principles And Practice of Urban Planning (3)**

Methods and procedures used in urban planning; practical dimensions of collecting, reviewing and developing plans useful for local projects.

**PM 3310 Race And Cultures in Administration And Politics (3)**

An examination of controversies relating to racial integration of schools, neighborhoods, and workplace. An analysis of the relationship between racism and workplace, crime, family disorganization, and the role of racial fears along with reasons for not eliminating injustice through changes in policy and legislation.

**PM 3400 Women And Administration (3)**

The role of women in administration. A focus on the problems and opportunities in the workplace with the entrance of women in administration.

**PM 3710 Evaluation and Effectiveness (3)**

This course is designed to expose students to the prominent techniques of individual group and team performance evaluation. It is also designed to develop manager trained to utilize and apply these techniques to public and quasi-public sector organizations for the purpose of quantifying individual, team and group performance for the purpose of improving organizational effectiveness.

**PM 3760 Methods And Research For Administration (3)**

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

**PM 390A Study Abroad-Africa (6)**

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

**PM 4090 Comparative Public Administration (3)**

Introduction to the governmental administrative and political systems of both developed and underdeveloped countries. Focus on the political system and its manifestation in the administrative system.

**PM 4100 Normative Theory And Public Management (3)**

Classical conception of political philosophy through an in-depth study of how the major political philosophers dealt with the problems of individual and social justice, the best possible regime forms, and the natural criteria of evaluating and judging the management of public institutions.

**PM 4120 Organizational Theory And Behavior (3)**

An introduction to organizational theory and its relationship to behavior and management.

**PM 4320 Administrative Law (3)**

The procedural law of public agencies and the exercise of discretion and control through internal procedures and judicial review. Special emphasis is directed toward the legal environment of public administration and the impact of court decisions on the administrative process.

**PM 4330 Political Aspects of Criminal Behavior (3)**

An examination of criminal behavior of individuals and the effects of their behavior on the political system. Both the reality of criminal behavior and the perception of crime will be examined in relation to measures taken to control the behavior of criminals.

**PM 4340 Public Sector Labor Law (3)**

An examination of the emergence and impact of unionization and collective bargaining on the public sector with emphasis on the role of the public administrator. Administrative and court decisions to examine issues of current significance concerning public sector labor relations.

**PM 4350 Employment Discrimination Law (3)**

Concentrates on employment distinctions based on invidious grounds; such as race, gender, religion, national origin, age, and handicaps. It examines Title VII of the Civil Rights Act of 1964, the Age Discrimination Act, the Equal Pay Act, and various executive orders pertaining to employment discrimination.

**PM 451A, B, C Selected Topics in Public Management (3 each)**

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

**PM 4810 Professional Seminar in Public Management (3)**

Professional skill development seminar for those students preparing for public management internships.

**PM 4850 Public Management Internship (12) (Main Campus Only)**

The concluding aspect of the BS program in public management is the integrating work experience. Each student must complete an internship of supervised on-the-job work experience. Each internship is served in an organization in the student's area of career interest. Special arrangements may be made for current professionals to combine the internship with their present employment.

**PM 4860 Public Management Internship And Practicum (6) (Fort Campbell only)**

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.

**POLITICAL SCIENCE*****College of Professional Programs  
and Social Sciences*****PSCI 1000 Introduction to Legal Assistance and Ethics (3)**

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

**PSCI 1002 Introduction to Law (3)**

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

**PSCI 1004 Torts (3)**

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

**PSCI 1005 Legal Research (3)**

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

**PSCI 1006 Legal Writing (3)**

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

**PSCI 1008 Civil Trial and Appellate Practice (3)**

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

**PSCI 1015 Paralegal Internship (3)**

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

**PSCI 2010 American National Government (3) E, S**

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

**PSCI 2040 Introduction to Public Policy (3) E, S**

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

**PSCI 2070 International Politics (3) E, S**

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

**PSCI 3010 Comparative Politics (3)**

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

**PSCI 3020 American Foreign Policy (3)**

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

**PSCI 3040 U.S. Defense Policy (3)**

U.S. National Defense organization, policies, procedures and players, the emergence of the current policy

of engagement following the cold war and potential future threats and challenges.

**PSCI 3110 British Politics And Government (3) F**

Prerequisite: Junior standing or permission of instructor

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

**PSCI 3120 European Politics (3) S**

Prerequisite: Junior standing or permission of instructor

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

**PSCI 3140 Latin American Politics (3)**

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

**PSCI 3160 African Politics (3) F**

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

**PSCI 3360 Study Abroad: Africa (6) SU**

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

**PSCI 3760 Methods of Research (3) F**

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

**PSCI 4010 Contemporary Political Ideas (3)**

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

**PSCI 4020 The Politics of Contemporary African American Thought And Movement (3) S**

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

**PSCI 4040 Women And Politics (3)**

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

**PSCI 4070 Politics in The American States (3)**

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

**PSCI 4080 Urban Politics (3) F**

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

**PSCI 4130 Political Parties And Interest Groups (3) F**

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

**PSCI 4200 The American Presidency (3) S**

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

**PSCI 4210 Legislative Process And Behavior (3) S**

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

**PSCI 4300 Judicial Politics And Behavior (3) S**

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

**PSCI 4310 American Constitutional Law I (3) F**

Prerequisite: Upper division standing

Using the case method, this course examines the

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

**PSCI 4320 American Constitutional Law II (3) S**

Prerequisite: 4310 or permission of instructor

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

**PSCI 4330 Women And The Law (3) F**

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

**PSCI 4340 Family Law (3) S**

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

**PSCI 4400 Politics And Mass Media (3) S, (Same as COMM 4400)**

The influence of the mass media on political opinions, on elections, on those who participate in the political arena, and on public policy decisions. The uses political participants make of the mass media in shaping public opinion, conducting elections, deciding on policy issues, and the media's agenda for political coverage.

**PSCI 4444 Cultural Context of Political and Social Ideas (3)**

Prerequisite: Junior or Senior standing

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

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

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

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

An independent study course with supervised readings and/or research projects in selected areas of polit-

ical science. Open only to Political Science majors with permission of the department chair.

### **PSCI 4540 Legislative Internship Program (12)**

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

### **PSCI 455A, B, C Government Internship (3, 6, 9)**

Prerequisite: Junior or senior standing  
Internship in the governmental process.

## **PSYCHOLOGY**

### *College of Professional Programs and Social Sciences*

### **PSY 1020 General Psychology (3)**

Studies psychology as a system of scientific inquiry into the nature and processes of behavior. Major focuses include: history, methodology, biological bases of behavior, sensation, perception, learning, thought, and language.

### **PSY 1030 General Psychology (3)**

Studies psychology as a system of scientific inquiry into the nature and processes of behavior. Major focuses include: intelligence, motivation, emotion, development, personality, psychological disorders, psychotherapy, and social behavior.

### **PSY 1210 Psychology of Adjustment (3)**

The study of understanding personal and social adjustment. Topics covered include the pattern of healthy development, the demands occurring in everyday life, and the nature of effective adjustment.

### **PSY 2000 Orientation to Psychology (1)**

Prerequisites: PSY 1020, 1030

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 (3)**

Prerequisites: PSY 1020, 1030, 2010, 3180

Corequisite: PSY 3011

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 theoretical levels.

### **PSY 3011 Learning And Motivation Laboratory (1)**

Corequisite: PSY 3010

Projects undertaken in the laboratory are related to material presented in 3010.

### **PSY 3020 Physiological Psychology (3)**

Prerequisites: PSY 1020, 1030, 2010, 3180

Corequisite: PSY 3021

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. In the laboratory, students participate in the conduct of a research study, collecting their own data, discuss the implications of the findings, and learn to use various resources for obtaining information relevant to the research.

### **PSY 3021 Physiological Psychology Laboratory (1)**

Corequisite: 3020

Projects undertaken in the laboratory are related to material presented in 3020.

### **PSY 3030 Sensory Processes (3)**

Prerequisites: PSY 1020, 1030, 2010, 3180

Corequisites: PSY 3031

The course focuses upon how organisms receive, modify, and utilize sensory information. Contemporary

research and theory, as well as traditional methodology, is stressed.

### **PSY 3031 Sensory Processes Laboratory (1)**

Corequisite: PSY 3030

Projects undertaken in the laboratory are related to material presented in 3030.

### **PSY 3040 Cognitive Processes (3)**

Prerequisites: PSY 1020, 1030, 2010, 3180

Corequisite: PSY 3041

Basic cognitive processes with topics that include: pattern recognition, attention, memory, concept formation, reasoning, problem solving, intelligence, and language. Emphasis will be placed on research, theory, and application.

### **PSY 3041 Cognitive Processes Laboratory (1)**

Corequisite: PSY 3040

Students design and conduct research on basic cognitive processes.

### **PSY 3110 Human Development I: Child And Adolescent (3)**

Prerequisites: PSY 1020, 1030, or 3130

The scientific study of human development from conception through adolescence. Cognitive, physical, social, emotional, and moral areas of development will be studied through examination of empirical, conceptual, and theoretical materials.

### **PSY 3120 Human Development II: Adult And Aging (3)**

Prerequisite: PSY 1020 or 1030

The scientific study of human development in the adult years. Attention will be given to continuity and change in intellectual, personality, and biological areas of development and in the areas of family structure and career development.

### **PSY 3130 Educational Psychology (3)**

Provides prospective teachers an understanding of the way students learn and develop. The learning process, its determining conditions, and its results will be emphasized. The course will also provide an overview of child and adolescent development as it relates to student behavior.

### **PSY 3180 Research Methods (3)**

Prerequisites: PSY 1020, 1030 and 2010

Introductory methods of psychological research are

presented. An analysis of various research designs is also examined. A research proposal, following APA format, is required.

### **PSY 3200 Adolescent Development (3)**

Prerequisite: PSY 3130

The scientific study of human development from pre-adolescence through late adolescence. Cognitive, social, emotional and physical areas of development will be studied through examination of empirical, conceptual and theoretical materials. Attention will be given to adolescent development as it occurs in the contexts of school, family and peer environments.

### **PSY 3210 Psychology of Women (3)**

Examination of developmental characteristics of women, myths and stereotypes, sex roles, sexuality, life styles, values, achievement motivation, power, mental health, and mental disorders in women. The empirical study of the psychological issues of women will be emphasized.

### **PSY 3280 Tests And Measurements (3)**

Prerequisite: PSY 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 Psychometrics (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 1020, 1030

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 4000 History And Systems of Psychology (3)**

Prerequisites: Senior standing, completion of all other



foundations courses.

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 4050 Data Analysis in Psychology (3)**

Prerequisite: PSY 2010 or MATH 2240 or permission of instructor

Experiences in data base management in psychological research. Extensive computer work including the analysis of data, and interpretation of results. Several experimental and quasi-experimental designs are included for study.

### **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 1020, 1030, and Junior or Senior standing

Introduction to the basic topics in the field of human factors engineering; human functional limitations in areas such as sensation and perception, learning and memory, motor skills, and ergonomics.

### **PSY 4130 The Exceptional Child: Psychological Foundations (3)**

Prerequisites: PSY 1020, 1030, or 3110

The nature, origins, and concomitant psychological characteristics of the major types of exceptionality are covered. This provides a foundation from which to understand and develop the most effective programs of habilitation and rehabilitation on an individual basis. Each diagnostic category is carefully examined and the student acquainted with the problems which accompany the diagnosis.

### **PSY 4140 Learning And Behavioral Disorders (3)**

Prerequisites: PSY 1020, 1030, or 3130, 3110 recommended

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)**

Prerequisites: PSY 1020, 1030

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 1020, 1030, 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 1020, 1030, 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 Cultural Context in Psychology (3)**

Prerequisite: Senior standing

Capstone to integrate aspects of the Liberal Arts core with universal psychological principles and culture-specific principles.

### **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 1020, 1030, 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 level 1 and level 2 courses, plus nine hours of Level 3 courses; a minimum cumulative GPA of 3.0; and permission of instructor.

This course is offered on an individual basis. Students are required to design, conduct, and report the results of an original research project.

### **PSY 4850 Honors: Practicum (3)**

Prerequisites: All level 1 and level 2 courses, plus nine hours of Level 3 courses; a minimum cumulative GPA of 3.0; and permission of instructor.

An internship program in which students work in the local community. It provides a practical context in which the student can apply, integrate, and analyze classroom material. Students will be supervised on site by practicing professionals.

## **PROFESSIONAL STUDIES**

### **School of Technology and Public Management**

#### **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 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 4020 Written Professional Communication (3)**

Prerequisites: ENGL 1010/1020 or AOM 2300

Communication theory applied to the professions with emphasis on effective writing. Practices and mechanics of researching, writing, and editing reports, proposals, procedures/policies, and typical business-related correspondence will be included. Students will be exposed to information technology, ethics in writing, an intercultural communications.

#### **PTMA 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.

## **QUANTITATIVE METHODS**

### *College of Business*

#### **QM 2110 Business And Economic Statistics I (3) E,S,SU**

Prerequisites: MATH 1110 or equivalent (at least two years of high school algebra and advanced high school or college level mathematics Computer literacy

An introduction to basic statistical concepts and techniques applied to business decision-making. The topics covered include descriptive statistics, probability, sampling, statistical estimation, and testing of hypotheses.

#### **QM 3110 Business And Economic Statistics II (3) E,S,SU**

Prerequisites: QM 2110

A continuation of 2110. The topics covered include analysis of variance, regression and correlation, time-series analysis, statistical decision theory, and nonparametric statistical methods.

**READING***School of Education***RDG 4020 Primary Literacy and Language (3)**

Prerequisite: Provisional admission to teacher education  
Co-requisites: RDG 4050, EC 4030, EDUC 400S

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 and RDG 4020

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) E,S**

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***School of Education*

*These courses are designed for Interdisciplinary Studies majors.*

**SCI 3020 Life And Physical Science I (4) E,S**

Prerequisite: Provisional Admission to Teacher Education

Emphasizes basic concepts of life and physical sciences. Classes will include lecture, lab and field experiences.

**SCI 3030 Life And Physical Science II (3) S**

Basic concepts of life and physical science; concentration on physical science conceptual schemes for elementary and middle school; integrated laboratory activities; integration of science/technology/society relationships.

**SOCIOLOGY***College of Professional Programs and Social Sciences***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) E, S**

A survey of social subjects including family, city, public health, alcoholism, drug dependency, racial and gender inequality, work, crime, and violence.

**SOC 3010 Marriage And The Family (3) F**

Analysis of the family institution, its structure and function, and the dynamics of social change in family interaction and organization. The process of marriage examined includes dating, courtship, mate selection, engagement, and marriage. Attention to changes currently affecting the American family.

**SOC 3020 African American Families In The United States (3) S**

An analysis of historical and contemporary social science literature regarding Black family structure and

function within the social and political context of the United States.

### **SOC 3040 Urban Sociology (3)**

The history and development of cities, their relation to surrounding and rural areas, and the role of cities in the national economy and society. Attention will be given to recent and anticipated changes and accompanying problems.

### **SOC 3050 Race Relations And Minority Peoples (3) S**

Minority groups and race relations in the United States. Special attention is devoted to such groups as Blacks, Indians, Orientals, and religious minorities.

### **SOC 3100 Culture And Personality (3) F**

The influence of culture upon the development of personality, and of individuals upon the development of culture, with comparisons of various cultures and individuals within them.

### **SOC 3140 Sociology of Deviant Behavior (3) S**

Contemporary theories of deviant behavior and major types of deviance in American society. The relationship between norms, deviance, and forms of social control; and between deviance, social disorder, and social change.

### **SOC 3150 Social Psychology of Everyday Life (3)**

How principles of social psychology affect everyday human interaction. Covers such topics as mass media, leadership, personal attraction, communication, and the impact of the social environment on personality.

### **SOC 3200 Crime And Delinquency (3) F**

Theories of deviance as they relate to the law and methods of treatment. Emphasis on causes, types, and corrective measures in criminology.

### **SOC 3300 Social Inequality (3)**

Class analysis of the United States with focus on social and economic inequalities. Attention is given to such concepts as power, prestige, social opportunity, dependency.

### **SOC 3400 Sociology of Religion (3) S**

Religion as a social institution with an analysis of the functions of religion for society and a comparison

of major religious groups in America.

### **SOC 3500 Cultural Anthropology (3) S**

The theories and elements of culture are identified and applied to a variety of human societies. Emphasizes pre-modern society.

### **SOC 3600 Sociology of Later Maturity And Old Age (3) S**

The social implications of an aging population; social and personal adjustments of the aging process and resources for coping with roles and statuses of old age.

### **SOC 3700 Medical Sociology (3)**

Sociocultural factors which influence the cause, recognition, definition, and treatment of illness: the development, organization, and role of the medical profession as a social institution.

### **SOC 3750 Population And Society (3)**

Growth and change in the composition and distribution of population, causes and consequences of the "population explosion" and other population problems in the world and the United States. Interrelationships of population variables (fertility, mortality, and migration) and social, economic, political, and ecological factors.

### **SOC 3760 Introduction to Social Research (3) F**

Basic techniques in social research with emphasis on the collection, analysis, and interpretation of quantitative data.

### **SOC 3770 Research Methods (3) S**

The logic of social research and research design. The application of techniques and methods used to collect qualitative and quantitative data and the methods of analysis and interpretation of such data.

### **SOC 3800 Women And Social Change (3)**

An analysis of the implications of social change for the status of women, and an evaluation of the women's movement and other institutions as a force for social change.

### **SOC 3810 Collective Behavior And Social Movements (3)**

The study of social movements and collective behavior as they contribute to social change.

### **SOC 4080 Classical Sociological Theory (3) F**

Major contributions to social theory during the 19th

and early 20th centuries. Theorists include Comte, Marx, Weber, Pareto, Durkheim, and others. Major emphasis on the intellectual traditions which gave rise to sociology as a separate discipline.

### **SOC 4090 Modern Sociological Theory (3) S**

Development of leading “schools” of sociological theory: Functionalism, Conflict, Symbolic Interactionism, Exchange, Ethnomethodology with emphasis on theory in American sociology since World War II.

### **SOC 4300 Behavior in Organizations (3)**

Development and role of complex organization in contemporary society focusing on various explanations of organizational structure, process, and change.

### **SOC 4900 Selected Topics in Sociology (3)**

Specially selected topics of current or continuing social significance from sociological perspectives. Subjects to be announced when course is scheduled. Seminar, with regular class meetings.

### **SOC 499A, B, C Directed Individual Study (1, 2, 3)**

Specialized individual study under the direction of a faculty member. Junior standing and permission of supervising faculty are required.

## **SPANISH**

**Department of Languages and Literature**  
*College of Arts and Letters*

### **SPAN 1010, 1020 Elementary Spanish (4 each)**

101A-101B; 102A-102B (2 each): SPAN 101A and SPAN 101B are equivalent to SPAN 1010; SPAN 102A and SPAN 102B are equivalent to SPAN 1020. Prerequisite for SPAN 1020: SPAN 1010 or equivalent.

Extensive practice in reading, writing, speaking, and listening.

### **SPAN 2010, 2020 Intermediate Spanish (3 each)**

Prerequisite for SPAN 2010: SPAN 1020 or equivalent. Prerequisite for SPAN 2020: SPAN 2010 or equivalent.

A comprehensive review of Spanish along with extensive reading, close textual examination, and discussion of representative works of Spanish literature.

### **SPAN 2100 Basic Survival Spanish Conversation (3)**

Prerequisite: Second year proficiency in Spanish

Designed to give the student skills in conversational Spanish needed for effective communication.

### **SPAN 3040 Study Abroad Program in Spanish: Spain And Spanish America (6-8)**

A total immersion program in Spanish and other disciplines in a Spanish-speaking country.

### **SPAN 304A Study Abroad—Mexico (6-8)**

Prerequisite: Basic knowledge of Spanish or by permission of instructor

A study program designed to provide students with a total Spanish-speaking environment which will allow a broadening of knowledge and appreciation of the Spanish language and culture. Not applicable toward major. May be repeated for credit.

### **SPAN 304B Study Abroad—Spain (6-8)**

Prerequisite: Basic knowledge of Spanish or by permission of instructor

A study program designed to provide students with a total Spanish-speaking environment which will allow a broadening of knowledge and appreciation of the Spanish language and culture. Not applicable toward major.

### **SPAN 3210 Advanced Composition in Spanish (3)**

Prerequisite: SPAN 2020 or permission of instructor

Free composition on assigned topics and translations to and from Spanish from a variety of authors and topics to develop fluency and correctness in writing Spanish.

### **SPAN 3220 Phonetics And Conversation in Spanish (3)**

Prerequisite: SPAN 2020 or permission of instructor

A minimum of theory with extensive application in corrective phonetics to assure a high level of accuracy in Spanish pronunciation. Concentrated practice in oral command of Spanish. This course affords the student opportunities to discuss in Spanish assigned topics in order to develop confidence and accuracy in oral expression.

### **SPAN 3510 Spanish Civilization I (3)**

Prerequisite: Third year proficiency in Spanish or permission of instructor.

The culture and civilization of Spain from its origin to the 18th Century.

**SPAN 3520 Spanish Civilization II (3)**

Prerequisite: Third year proficiency in Spanish or permission of instructor.

The culture and civilization of Spain from the 18th Century to the present.

**SPAN 3610 Spanish-American Civilization I (3)**

Prerequisite: Third year proficiency in Spanish or permission of instructor.

The culture and civilization of Spanish-America from its origin to 1810.

**SPAN 3620 Spanish-American Civilization II (3)**

Prerequisite: Third year proficiency in Spanish or permission of instructor.

The culture and civilization of Spanish America from 1810 to present.

**SPAN 3400 Special Topics: Language (3)**

Prerequisite: Permission of instructor

Instruction and guidance in circumstantial Spanish: health care, police emergency, translators, religious crises, technical problems, etc.

**SPAN 4100 Special Topics: Literature (3)**

Prerequisite: Permission of instructor

Individual projects, selected topics in authors or periods.

**SPAN 4110, 4120 Independent Study in Spanish (3 each)**

Students study independently in Spanish under instructor's guidance. Studies are planned to satisfy special individual needs and interests.

**SPAN 4510 Survey of Spanish Peninsular Literature I (3)**

Prerequisite: Third year proficiency in Spanish or permission of instructor

Peninsular literature from its origin to the 18th century.

**SPAN 4520 Survey of Spanish Peninsular Literature II (3)**

Prerequisite: Third year proficiency in Spanish or permission of instructor

Peninsular literature of the 19th and 20th centuries.

**SPAN 4610 Survey of Spanish American Literature I (3)**

Prerequisite: Third year proficiency in Spanish or permission of instructor

Pre-Columbian Spanish American literature to 1810.

**SPAN 4620 Survey of Spanish American Literature II (3)**

Prerequisite: Third year proficiency in Spanish or permission of instructor

Spanish American literature from 1810 to the present.

**SPECIAL EDUCATION**

*School of Education*

**SPED 3000 Development of Atypical Children (3)**

Identification of handicapping conditions, programs for educating the disabled and public laws specifying responsibilities of school personnel.

**SPED 3300 Characteristics of Mild/Moderate Disabled (3)**

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

**SPED 3330 Characteristics of The Severely Disabled (3)**

Develop and understanding of the physical, psychological, and emotional characteristics of the severely disabled. Personal and social needs will be stressed.

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

Communication skills needed in working with parents and professionals regarding short and long range planning for the disabled individual.

**SPED 3350 Diagnostic Assessment of Exceptional Students (3)**

Techniques used to evaluate a variety of disabling conditions, on an individual basis, in special education classrooms. The student will be required to administer an array of evaluative instruments to special children in public school classrooms.

**SPED 4330 Behavior Management For Exceptional Students (3)**

Techniques of managing classroom and other behaviors at all levels and types of exceptionality.

**SPED 4340 Teaching Mild/Moderate Disabled (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 Severely/Multiple Disabled (3)**

Provide instructional strategies and procedures for teachers of severely/ multiple disabled. Emphasis will also be directed toward assessment techniques, use of commercial materials and use of technology. Students will be assigned 15 hours of field experiences to facilitate application of classroom instruction.

**SPED 4360 Teaching Physically Disabled (3)**

Prepare the student to teach the physically disabled. Various handicapping conditions will be a focus along with the educational needs and particular problems of the physically disabled. Fifteen hours of field experience required.

**SPED 4370 Career/Vocational Education For Exceptional Students (3)**

Familiarize the student with techniques for determining job availability for disabled students, employer attitudes, necessary pre-job skills, and an awareness of community employment opportunities.

**SOCIAL WORK*****College of Professional Programs  
and Social Sciences*****SW 2110 Introduction to Social Work (3)**

Definition of social work, the social work role, and social work outcome for the individual, group, organization, community, and institution in society. Introduction to and exploration of the generalist framework, problem-solving model, values, diversity, and their development in the 20th century as defined by critical thinkers in the profession.

**SW 3400 Social Work Practice Methods I (4) S**

Prerequisite: SW 3420

Exploration of each phase of the generalist framework from a strengths-oriented, ecological perspective with emphasis on core practice skills and skill development for carrying out entry-level, direct generalist practice. A grade of "C" or higher is required in this course in order to take SW 3620. This is a web-enhanced course.

**SW 3410 Exploring Values (3)**

Exploration of the process of valuing, personal values, beliefs, and behaviors, societal values, and the value base of social work as well as how value dilemmas occur and ways to resolve value conflicts. Course is focused on development of self-knowledge through the use of values clarification strategies.

**SW 3420 Human Behavior in The Social Environment (3) F**

Prerequisite: SW 2110 or permission of instructor

Ecological and social systems theory for integrating concepts and knowledge about human behavior through the entire life span, behavioral science at the individual, family, group, organizational, community, and societal levels. Content on race, gender, and sexual orientation.

**SW 3430 Elements of Rural Practice (3) S**

Examination of the distinctive nature of rural, generalist practice, historical development, special skills, knowledge, attitudes, and values which are particularly relevant for practice in nonurban settings as well as current issues facing rural practitioners.

**SW 3440 Crisis Intervention (3) S**

Prerequisite: SW 3400

Exploration of crisis intervention models, processes, strategies, and skills with particular attention to HIV/AIDS, suicide, sexual assault, and family violence.

**SW 3450 Human Behavior in The Macro Social Environment (3) F**

Prerequisite: SW 3400

Applying the systems framework for creating and organizing knowledge of human behavior and the social environment on the macro-scale. Exploration of the family, the group, the organization, and the community, investigation of societal dynamics surrounding ethnic, oppressed minority, and gay and lesbian com-



munities, the connection among the biological, economic, political, social, and ethical systems, and the generalist social work problem solving model.

### **SW 3460 Community Mental Health: Policy And Practice (3) F**

Prerequisite: SW 2110 or permission of instructor

Survey of current social work methods for working with the severe and persistently mentally ill incorporating an explanation of the DSM IV and the diagnostic process. Exploration of the consumer movement and its impact on services and treatment methods, as well as a focus on advocacy for specific populations such as the homeless, alcohol and drug dependent, women, gays and lesbians, people of color and other oppressed groups in their struggle for adequate treatment. Review of the history of work with the “insane”, including the development of legal rights and precedents and a survey of current societal biases that affect the development of a program for insuring mental health for all in society.

### **SW 3470 Techniques of Social Work For Groups (3) F**

Prerequisite: SW 2110 or permission of instructor

A hands-on experience in leading groups for people who are faced with the need for rehabilitation, skills-training, and emotional development based on social work methods. Exploration of the ways in which people behave in groups, think about groups, and achieve life satisfaction through participating in a group. Investigation of the different group leader styles appropriate for oppressed groups such as women, gays and lesbians, people of color, and the mentally ill.

### **SW 3480 HIV and Social Work (3) F**

Explores psychosocial issues related to providing quality care to persons with HIV/AIDS and basic knowledge for assessment and intervention including assessing risk behavior, risk reduction, resource linkage and appropriate skills for serving the vulnerable client. This is a web-based course.

### **SW 3490 Social Work and Aging (3) SU**

This course offers an empowerment-oriented approach to social work practice with the elderly. It explores problems such as health, mental health, financial and housing needs for this at risk group. The roles and responsibilities of the SW practitioner are clearly identified.

### **SW 3620 Social Work Practice Methods II (3) F**

Prerequisite: SW 3400

Exploration of a systematic-eclectic framework for integrating a variety of theoretical perspectives for entry-level, direct generalist practice with individuals, families, and small groups. Includes selected theoretical models of social casework, family treatment, empowerment, social group work, and crisis intervention as well as the ecosystems perspective. A minimum grade of “C” is required in this course. This is a web-enhanced course.

### **SW 3630 Social Work Practice Methods III (3) S**

Prerequisites: SW 3400

Exploration of methods of social work for working with women and oppressed communities such as gays and lesbians and people of color through group work, advocacy, community organization, and community development. Students learn how to apply a macro-practice method in order to solve a macro-practice problem which they identify in a real life setting. Students are guided through an out of class experience in which they interview members of a community, define and analyze a problem, explore possible solutions and then propose a specific macro-practice solution. A minimum grade of “C” is required for the course.

### **SW 3770 Research Methods (3) F, SU**

Prerequisites: SW 3400, MATH 1110, MATH 1530, or permission of instructor

Exploration of the scientific method through research design, hypothesis testing, and data analysis. In a hands-on process the student is guided through formulating a research question, collecting data to answer the question, and analyzing the data for its scientific importance and its importance for social work. The importance of research for providing a knowledge base for the solution of social problems affecting oppressed groups such as women, gays and lesbians, people of color is emphasized in addition to the emphasis on values and ethics required for work with human subjects.

### **SW 4020 Human Sexuality (3)**

Designed to prepare social workers and other professionals whose careers involve working with people having problems of human sexuality, increase students awareness, factual knowledge, and understanding of



human sexuality. Involves explicit films and topics some students may find offensive.

### **SW 4400 Seminar for Field Instruction (1)**

Prerequisites: 2110, 3420, 3450, 3770, 4020, 4430, 4440, and must earn a minimum grade of “C” in SW 3400 AND SW 3620.

Overview of approved social service agencies, preparation for interviews in selected sites, and facilitates the development of a student placement profile which includes application to the field practicum, resume, agency profile and evidence of insurance coverage as required by CSWE. Students also meet individually with the field coordinator twice during the course. Taken on a pass-fail basis.

### **SW 4410 Field Instruction (12)**

Prerequisites: SW 2110, 3420, 3450, 3770, 4020, 4400, 4430, and must earn a minimum grade of “C” in SW 3400, 3620, and 3630

Educationally-supervised practice activities with individuals, families, groups, organizations, and communities in an approved social service agency for thirty-two hours per week over the course of the semester. Taken on a pass-fail basis.

### **SW 441C Field Instruction Concurrent Seminar (3)**

Corequisite: SW 4410

Integrative learning application of theoretical knowledge and social values, and skill development through direct practice activities in an approved social service agency. Includes processing learning experiences in the field agency and connecting them with theoretical perspectives on social work practice.

### **SW 4430 Social Policy (3) S**

Prerequisites: SW 3620, 4440, PSCI 2040 or permission of instructor

Exploration of the process by which problems and issues in society are turned into rules, regulations and laws. Focus on the transition from private troubles to public issues in such areas as divorce, mental illness, welfare, child abuse and the response of society to the needs of oppressed groups such as single parents, the elderly, women, gays and lesbians, and people of color. The role of social work and social workers in society is investigated, as well as the history of social welfare in the United States, and the role of institutions in the delivery of services to people in need.

### **SW 4440 Law and Social Work (3) S**

The course explores the legal environment of social work, the legal system, and legal concepts. Actual cases will be briefed by students. The course is taught in a seminar format similar to a law school class, and is particularly useful for pre-law students.

### **SW 4720 Senior Seminar (3) F, S**

Prerequisite: Social Work major, SW 4410 or concurrent with SW 4410

The social work capstone course which integrates theories and concepts from all other social work courses. Focus is on emphasizing the program concerns of empowerment, work with women, gay and lesbians, and minorities, and the generalist social work model as applied in any and all social work settings. Assignments on focus involving the students in a series of self-evaluative projects to enable them to determine their competency for beginning social work practice. 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.

## **THEATRE**

### **Department of Communication and Theatre College of Arts and Letters**

### **THEA 1030 Introduction to Theatre (3)**

Course renumbered from THEA 1000

Create an awareness of the nature of theatrical art and its place in human culture. Incorporates study of history, theory, and practice of theatrical art. This is not a performance course.

### **THEA 1300 Acting I (3)**

An analysis of the various styles and techniques of acting. Emphasis will be placed on performance through the use of improvisation, movement, and voice.

**THEA 1301 Beginning Acting for Non-Majors (3)**

This course is designed for non-theatre majors. An analysis of the various styles and techniques of acting. Emphasis will be placed on performance improvement through the use of improvisation, movement, and voice.

**THEA 1600 Stagecraft I (3)**

Principles and techniques used in construction, rigging, handling and maintenance of stage scenery, soft good construction and manipulation, and scenic painting. Students will participate in a combination of classroom work and laboratory work, consisting of practical application of classroom learned techniques in the scene and costume shop, and on production crews.

**THEA 1610 Stagecraft II (3)**

Prerequisite: THEA 1600

Principles and techniques used in steel construction, electrics, sound, properties, and plastics. Students enrolled in this course will participate in a combination of classroom work and laboratory work, the latter consisting of practical application of classroom learned techniques in the scene shop, costume shop, light shop, and on production crews.

**THEA 2010 Oral Interpretation of Literature (3)**

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

**THEA 2300 Acting II (3)**

Prerequisite: THEA 1300

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

**THEA 3000 American Theatre (3)**

History of American theatre with emphasis on changing systems of value as reflected by the drama.

**THEA 3010 Theatre: Chronicle And Concept I (3)**

Prerequisite: THEA 1030

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 1030

Examines history and theory of theatrical art in the 18th, 19th, and 20th centuries in Western Europe. Emphasizes theatrical space, production, and performance. Drama is considered as a plan for production rather than as literature.

**THEA 303A, B Summer Theatre (3 each)**

Prerequisite: Permission of instructor

Intensive work in a summer theatre production, in which the student functions as a performer, technician, designer, or in a combination of duties.

**THEA 3080 International Studies in Theatre I (3)**

Prerequisite: Junior status or approval of instructor

Exposes students to the history, development, social relevance, and artistry of theatre abroad. Students will actively examine current trends in theatre within the confines of an international component. This area of study will culminate with an international experience. Students are expected to enroll in THEA 3090, International Studies in Theatre II, the following semester.

**THEA 3090 International Studies in Theatre II (3)**

Prerequisites: Junior status and THEA 3080 or approval of instructor

This course is the culmination of THEA 3080. The students will experience international theatre first hand within the confines of a studies abroad program.

**THEA 3250 Dance for Musical Theatre (3)**

Choreographic components for theatre actors to stage musical sequences in theatre, basic, period, and stylistic dance combinations and strategies.

**THEA 3300 Acting III (3)**

Prerequisite: THEA 1300

For students who intend to pursue a career in theatre on the educational or commercial level, to refine skills as well as to develop the capacity to teach the art of acting to others.

**THEA 3350 Musical Theatre Workshop (3)**

Corequisite: THEA 335L or two semesters of vocal study (one semester may be concurrent)

A performance-oriented study of musical theatre, composers, and styles to improve students' audition

and performance skills.

**THEA 335L Musical Theatre Workshop Lab (1)**

Corequisite: THEA 3350

Individual instruction in techniques using the body and voice to prepare the student for opportunities in musical theatre performance.

**THEA 3400 Directing (3)**

Prerequisites: THEA 1030, 1300, 1600, 2300, and Junior status

The theories, problems and techniques of stage direction. Each student is required to produce and direct the performance of a theatrical event, selected with the advice and consent of the instructor.

**THEA 3450 Creative Drama For Children (3)**

Designed to demonstrate how theatre may be used as both means and end to teach the elementary school child. Included will be theatre projects, group and single, involving puppetry and live theatre.

**THEA 3700 Scenic Design (3)**

Prerequisites: THEA 1600

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)**

Credit to be given for 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)**

Credit to be given for supervised acting in plays produced and sponsored by the department. A minimum of 60 clock hours shall be required for academic credit. Only 1 course per term. This course cannot be substituted for required courses or electives in the concentration. Pass/Fail.

**THEA 3890 Costume Design (3)**

This course will explore all aspects of Theatrical Costuming from character analysis through design concept to realization. The student will develop skills in

basic costume construction as well as techniques such as draping, flat-patterning and sewing both by hand as well as by machine.

**THEA 4000 Make-up Design (3)**

This is a hands on course that explores design and application techniques of two and three dimensional theatrical make-up.

**THEA 420A, B, C Independent Research (1 each)**

Prerequisite: Junior or senior standing and permission of instructor

Opportunity for directed scholarly research in an area of special interest to the student. Enrollment accepted only after professor has approved a written project proposal from the student.

**THEA 4300 Lighting Design (3)**

Prerequisite: THEA 1600

Exposes the student to theatre design in the area of lighting. Emphasis placed on script analysis and the implementation of various design elements. Students will explore working in a collaborative atmosphere with given Scenic and Costume designs.

**THEA 4400 Advanced Scenography (3)**

Prerequisites: THEA 1600, 3700, and 4300 or 3890

Exposes the student to the computerized world of theatrical design. Allows the student to explore Scenic, Lighting, and Costume design programs. Emphasis will be placed on both previously designed pieces as well as new designs. This is a hands on, seminar oriented class.

**THEA 4500 The Business of Theatre (3)**

Prerequisites: THEA 1030 and a basic knowledge of computer technology

Covers basic business and managerial skills related to theatre, with emphasis on amateur and educational companies. Topics include development of budgets and business office procedures, box office and house management, and computer software applications and techniques.

**THEA 4550 Roy Acuff Chair Seminar (4)**

Prerequisites: THEA 1600 and THEA 1300, or may be taken simultaneously with the approval of Theatre Coordinator and the Roy Acuff Chair recipient.

Offered once every four years, allows the student to take a class with a theatre practitioner of national/international reputation. The theatre artist selected as

the Roy Acuff Chair recipient might be an actor, director, designer, playwright, and/or screenwriter. The student is exposed to the realistic demands of his/her chosen area in the field of professional theatre.

### **THEA 460A, B,C Special Topics in Technical Theatre (3 each)**

Prerequisites: THEA 1030, 1600 or permission of instructor

**460A:** Examines the theory and practice of stage management. Course work includes an examination of historical and contemporary practice through research and application.

**460B:** Examines the theory and practice of sound and property construction as well as the acquisition and management of inventories. Emphasis is placed upon historical research and laboratory exercises.

### **THEA 4650 Direction and Performance for the Camera (3)**

Prerequisites: Junior status and approval of instructor(s).

Designed to provide interaction between students in Broadcast Media and Theatre. Through lecture, exercise, scene work and technology, students will be introduced to the special skills necessary to produce and act in film and TV. Rotation of roles of technician, director, and performer to insure an understanding of the process behind and in front of the camera.

### **THEA 4700 Topics in Women's Theatre (3)**

Examines the theory and practice of special topics in women's theatre. Special topics include the works of Eve Ensler, Caryl Churchill, Maria Irene Fornes, Beth Henley, Marsha Norman, and others.

### **THEA 4800 Theatre Practicum (3)**

Prerequisites: THEA 3700 and permission of instructor

The student will undertake, under close supervision of the instructor, one major aspect of a production selected in conference with the departmental faculty.

### **THEA 4900 Playwriting (3)(Cross listed with ENGL 4900)**

Designed to give the student opportunity for written expression in the dramatic form. Play structure will be studied and practically applied.

### **THEA 4950 Advanced Playwriting (Cross listed with ENGL 4950)**

Prerequisite: THEA 1030 or ENGL 4900 or THEA 4900,

and sophomore standing or higher

Revising plays and one act scripts for stage performance.

*See Communication (COMM) for additional courses.*

## **WOMEN'S STUDIES**

### **Office of Enrichment Programs**

### **WS 2050 Women and Culture: Introduction to Women's Studies (3)**

An introduction to fundamental principles of women's studies, especially the cultural roles, depictions, and experiences of women, past and present; the cultural construction of gender; and the impact of feminist movements upon women's lives. A multi cultural perspective is provided.

### **WS 300A, B, C Selected Topics in Women's Studies (3 each)**

Examination of a selected topic relevant to issues of women or gender, offered on a one-time basis.

### **WS 3050 Women in the Arts (3)**

An interdisciplinary, cross-cultural survey of women in the arts. Major emphasis on the visual arts and literature, with attention also to the performing arts. Topics include both the contributions and depictions of women in the arts.

### **WS 4010 Capstone Seminar in Women's Studies (3)**

Prerequisites: Women's Studies minor and permission of coordinator

Inquiry of feminist research methodology and directed individual reading and research of a significant issue related to women or gender, culminating in a research project and presentation.

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# Austin Peay Center @ Fort Campbell



## **AUSTIN PEAY CENTER @ FORT CAMPBELL**

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Executive Director, Gerald Beavers  
School of Technology and Public Management  
SSG Glenn H. English Jr. Army Education Center,  
Room 140  
Phone: (931) 221-1400

### **MISSION STATEMENT**

The mission of the Austin Peay Center at 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 will be published in the Fort Campbell Schedule of Classes.

### **ACADEMIC ADVISEMENT**

See page 38

### **GRADE REPORTS**

See page 40

### **TEXTBOOKS**

The Austin Peay Center @ Fort Campbell Bookstore, located in the Education Center, stocks textbooks that are required for scheduled courses. Once textbooks are

purchased, they become the property of the student and refunds cannot be granted. 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. (NOTE: Bookstore will not be run by APSU July 1, 2002).

### **ADMISSION REQUIREMENTS**

See page 24

### **FINANCIAL AID**

Students planning to attend Austin Peay Center @ FC may apply for financial assistance. Students should complete and submit the Federal Student Aid Form which is available at Austin Peay Center @ FC. 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.

### **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 38

### **DEAN'S LIST**

See page 43

## DEGREES AND PROGRAMS OF STUDY

Austin Peay Center @ Fort Campbell is presently scheduled to offer courses leading to the following degrees at Fort Campbell:

ASSOCIATE DEGREES with majors in:

Liberal Arts (A.S.)

Data Processing (A.A.S.)

Management Technology (A.A.S.)

Concentrations:

Occupational Studies (A.A.S.)

Concentrations:

BACHELOR OF PROFESSIONAL STUDIES DEGREE with major in:

Professional Studies

BACHELOR OF SCIENCE DEGREE with majors in:

Public Management

Concentrations in:

Engineering Technology

Concentrations:

CONCENTRATIONS

Data Processing  
Computer Science Technology  
Secretarial Procedures

Corrections Management  
Culinary Arts  
Food Service  
General Business  
Industrial Management  
Management Technology  
Police Science and Administration  
Restaurant Management

Automotive Technology  
Construction Technology  
Electronics Technology  
Welding Technology

General Management\*  
Geography/Geology  
Health and Human Performance  
(Recreation)  
History  
Political Science  
Police Science\*  
Public Management (Criminal Justice)\*  
Sociology

General  
Electrical  
Manufacturing  
Robotics

\*Available only at Fort Campbell



## ACADEMIC STATUS AND RETENTION

See pages 42

### GENERAL REQUIREMENTS FOR AN ASSOCIATE DEGREE

Associate degree programs are offered through Austin Peay Center @ Fort Campbell. The Associate of Science in Liberal Arts is designed as university-transfer leading to a bachelor's degree.

The Associate of Applied Science is an occupational degree. The Bachelor of Professional Studies is designed for a seamless transition from the AAS to a baccalaureate program. The Associate of Applied Science degree does not fulfill Liberal Arts core requirements for a baccalaureate degree. The general requirements for the associate's degree are as follows:

1. Earn the required number of credits as indicated in the program of study.
2. Earn no more than half of the required credits by non-traditional means.
3. Have a minimum cumulative grade-point average of at least a "C" (2.00) average.
4. Have a minimum grade-point average of at least a "C" (2.00) in the required specialization for the Associate of Applied Science degree.
5. Complete the Application for Graduation at least one term in advance.
6. Satisfy the computer literacy requirement.
7. 16 hours residency with APSU.

## REQUIREMENTS FOR THE ASSOCIATE OF SCIENCE DEGREE (A.S.) IN LIBERAL ARTS

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Requirements for the Associate of Science Liberal Arts curriculum of 64 hours must be met as outlined below, including the 43 hours in the six specified areas and 21 additional elective hours.

### MAJOR: LIBERAL ARTS (64 HOURS)

Advisors: M. Jones, T. Zanders

#### I. Communication ..... 6 hours

ENGL 1010-English Composition-3 hours

ENGL 1020-English Composition-3 hours

#### II. Humanities ..... 9 hours

A. World Literature (6 hours); or World Literature (3 hours) plus Foreign Language (3 hours) or Philosophy (3 hours)

1. ENGL 2030-Traditions in World Literature-3 hours; and one of the following 3 hours each  
- Total, 6 hours

ENGL 2040-World Literature: Fiction

ENGL 2050-World Literature: Poetry

ENGL 2060-World Literature: Drama

ENGL 2070-World Literature and Film

ENGL 2080-Themes in World Literature

2. Foreign Language-3 hours each
  - a. FREN 2010 or 2020-Intermediate French
  - b. GERM 2010 or 2020-Intermediate German
  - c. GREK 2010 or 2020-Intermediate Greek
  - d. JAPN 2010 or 2020-Intermediate Japanese

- e. LATN 2010 or 2020-Intermediate Latin
- f. SPAN 2010 or 2020-Intermediate Spanish
- 3. Any one from the following (3 hours each)
  - a. PHIL 1030-Introduction to Philosophy
  - b. PHIL 2200-Introduction to Religion
  - c. PHIL 2300-Medical Ethics
  - d. PHIL 2310-Environmental Ethics
  - e. PHIL 2400-Business Ethics
  - f. PHIL 2410-Educational Ethics
  
- B. One course from (3 hours):
  - 1. ART 1030-Art Appreciation-3 hours
  - 2. ART 3200-Art History, U.S.-3 hours
  - 3. MUS 1030-Music Appreciation-3 hours
  - 4. MUS 2050-Beginning Music Reading and Performance-3 hours
  - 5. MUS 2100-Music in America-3 hours
  - 6. MUS 2030-World Music-3 hours
  - 7. MUS 1950 and 1960-Introduction to Music Literature (to be taken in sequence)-4 hours, together
  - 8. THEA 1030-Introduction to Theater-3 hours
  - 9. THEA 3000-American Theater-3 hours

**III. Science/Mathematics . . . . .11 hours**

- A. **Science:** a two-course sequence or any two courses listed below, unless specified in the course descriptions (8 hours)
  - 1. BIOL 1010, 1020-General Biology-4 hours each
  - 2. BIOL 2010, 2020-Human Anatomy and Physiology-4 hours each
  - 3. CHEM 1000, Chemistry For General Education-4 hours
  - 4. CHEM 1010, 1020-Chemistry-Society and Environment-4 hours each
  - 5. CHEM 1110, 1120-General Chemistry-4 hours each
  - 6. GEOL 1040-Physical Geology-4 hours
  - 7. GEOL 1050-Historical Geology-4 hours
  - 8. PHYS 1010, 1020-Understanding the Physical World-4 hours each
  - 9. PHYS 1210-Planetary Astronomy-4 hours
  - 10. PHYS 1220-Stellar Astronomy-4 hours each
  - 11. PHYS 2010, 2020-College Physics- 5 hours each
- B. **Mathematics:** Select one course to satisfy requirement (3 hours)
  - 1. MATH 1110-College Algebra-3 hours
  - 2. MATH 1120-College Algebra-3 hours
  - 3. MATH 1610, 1620-Fundamental Concepts of Mathematics-3 hours each
  - 4. MATH 1720-Trigonometry-3 hours
  - 5. MATH 1810, 1820-Elements of Calculus-3 hours each
  - 6. MATH 1910-Calculus and Analytic Geometry-5 hours

**IV. Social Sciences . . . . .12 hours**

- A. HIST 2010, 2020-American History I and II-3 hours each (6 hours)  
HIST 2030-History of Tennessee may be substituted for three hours in the six hour requirement above.
- B. Social Science-one course must be selected from two different sections (6 hours):
  - 1. College of Business-3 hours each
    - a. ECON 2000-Contemporary Economics
    - b. ECON 2010-Principles of Economics I
    - c. FIN 1000-Personal Finance

- 2. Geology and Geography Department-3 hours each
  - a. GEOG 1010-Physical Geography
  - b. GEOG 1020-Geography of the Developed World
  - c. GEOG 1030-Geography of the Developing World
- 3. History and Philosophy Department-3 hours each
  - a. HIST 1210-World History I
  - b. HIST 1220-World History II
- 4. Political Science Department-3 hours each
  - a. PSCI 2010-American National Government
  - b. PSCI 2040-Introduction to Public Policy
  - c. PSCI 2070-International Politics
- 5. Psychology Department-3 hours each
  - a. PSY 1020-General Psychology
  - b. PSY 1030-General Psychology
- 6. Sociology Department-3 hours each
  - a. SOC 2010-Introduction to Sociology
  - b. SOC 2050-Social Problems
  - c. SOC 3010-Marriage and the Family
  - d. SOC 3500-Cultural Anthropology

**V. Physical Education . . . . . .2 hours**

Two physical education activity courses: 1 hour each  
 Any lower-level ROTC course or military service may be substituted for a physical education activity course.  
 Credit earned for Marching Band during the Fall semester may be substituted for required physical education activity courses.

**VI. Computer Literacy . . . . . .3 hours**

**VII. Electives . . . . . .21 hours**

Elective credits are exclusive of developmental studies. Students are encouraged to review the Liberal Arts core requirements on pages 85-90 for suggestions.

**TOTAL HOURS REQUIRED . . . . . .64**

**REQUIREMENTS OF ASSOCIATE OF APPLIED SCIENCE DEGREE (A.A.S.)**

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**MAJOR: DATA PROCESSING**

**CONCENTRATION: COMPUTER SCIENCE TECHNOLOGY**

Advisor: Evans

**Core of Common Knowledge**

ENGL 1010	English Composition . . . . .	3
ENGL 1020	English Composition . . . . .	3
MATH 1110	College Algebra . . . . .	3
PSY 1020	General Psychology	3
or		

SOC	2010	Introduction to Sociology	3
COMM	1010	Fundamentals of Public Speaking	3
PHYS	1020	Understanding The Physical World	4
Humanities selected from courses on page 294-295			3
			22

**Required Specialization**

CSCI	1000	Introduction to Computer Science	3
CSCI	1010	Introduction to Programming I	3
CSCI	2010	Introduction to Programming II	3
CSCI	2060	ANS COBOL Programming	3
CSCI	3020	File Processing	3
ET	2030	Digital Electronics Circuits I	3
ET	2040	Digital Electronics Circuits II	3
ET	2320	Microprocessor Circuit Construction	3
ET	2420	Introduction to Computer Architecture	3
MATH	1720	Trigonometry	3
			30

**Electives: . . . . .15**

Selected from appropriate courses in the College of Arts and Letters, Science and Mathematics, Business, Professional Programs and Social Services, or the School of Technology and Public Management. Students planning to pursue a baccalaureate degree should generally select the electives required to fulfill the baccalaureate Liberal Arts core and computer literacy requirements.

**TOTAL HOURS REQUIRED . . . . .67**

**CONCENTRATION: DATA PROCESSING**

Advisor: Evans

**Core of Common Knowledge**

ENGL	1010	English Composition	3
ENGL	1020	English Composition	3
MATH	1110	College Algebra	3
PSY	1020	General Psychology	
or			
SOC	2010	Introduction to Sociology	3
COMM	1010	Fundamentals of Public Speaking	3
Humanities selected from courses on page 294-295			3
			18

**Required Specialization**

CSCI	1000	Introduction to Computer Science	3
CSCI	1010	Introduction to Programming I	3
CSCI	2010	Introduction to Programming II	3
CSCI	2060	ANS COBOL Programming	3
CSCI	3110	Computer Systems	3
CSCI	3320	Systems Analysis and Design	3
MATH	1120	College Algebra	3
MATH	1530	Elements of Statistics	3
ACCT	2010	Accounting Principles	3
ACCT	2020	Accounting Principles	3

AOM	2110	Microcomputer Fundamentals	3
AOM	2300	Business Communications	3
ENGL	1100	Technical and Report Writing	3
			39

**Electives - Three courses to be chosen from:**

CSCI	3400	Computer Organization	3
CSCI	4400	Principles of Database Management	3
MATH	1810	Elements of Calculus	3
MATH	1820	Elements of Calculus	3
ECON	2010	Principles of Economics	3
ECON	2020	Principles of Economics	3
AOM	2000	Beginning Typewriting/Keyboarding	3

Three additional hours to be chosen from the College of Arts and Letters, Science and Mathematics, Business, Professional and Programs and Social Sciences, or the School of Technology and Public Management. Students planning to pursue a baccalaureate degree should generally select the electives required to fulfill the baccalaureate Liberal Arts core and computer literacy requirements.

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**TOTAL HOURS REQUIRED** ..... **66**

**CONCENTRATION: SECRETARIAL PROCEDURES**

Advisors: Evans

**Core of Common Knowledge**

ENGL	1010	English Composition	3
ENGL	1020	English Composition	3
MATH	1610	Fundamental Concepts of Mathematics	
or			
MATH	1110	College Algebra	3
COMM	1010	Fundamentals of Public Speaking	3
ECON	2000	Contemporary Economics	
or			
ECON	2010	Principles of Economics I	3
MT	2050	Principles of Management	3
AOM	2110	Microcomputer Fundamentals	3
Humanities selected from courses on pages 294-295			3
			24

**Specialized Requirements**

MT	2010	Accounting Survey	3
MT	2250	Introduction to Business Law	3
MT	2370	Human Relations in Business	3
AOM	2010	Document Processing I	3
AOM	2020	Document Processing II	3
AOM	2040	Word Processing Concepts and Applications	3
AOM	2050	Advanced Word Processing Applications and Desktop Publishing	3
AOM	2160	Records and Information Management	3
AOM	2210	Office Systems and Procedures	3
AOM	2300	Business Communications	3
AOM	2350	Office Management and Supervision	3

**Select six hours:**

AOM	2100	Introduction to Microsystems . . . . .	3
AOM	2120	Microcomputer Software Applications . . . . .	3
AOM	2131	Spreadsheet Applications . . . . .	3
AOM	2132	Database Applications . . . . .	3
AOM	213A	Microcomputer Applications: Word Processing . . . . .	1.5
AOM	213B	Microcomputer Applications: Spreadsheets . . . . .	1.5
AOM	213C	Microcomputer Applications: Database . . . . .	1.5
AOM	213D	Microcomputer Applications: Desktop Publishing . . . . .	1.5
AOM	213E	Microcomputer Applications: Presentation Graphics . . . . .	1.5
			39

**Electives. . . . . 3**

Selected from appropriate courses in the Colleges of Arts and Letters, Science and Mathematics, Business, Professional Programs and Social Sciences, or the School of Technology and Public Management. Students planning to pursue a baccalaureate degree should generally select the electives required to fulfill the baccalaureate Liberal Arts core and computer literacy requirements.

**TOTAL HOURS REQUIRED . . . . . 66**

**MAJOR: MANAGEMENT TECHNOLOGY**

**CONCENTRATION: MANAGEMENT TECHNOLOGY**

Advisor: Halliman

**Core of Common Knowledge**

ENGL	1010	English Composition. . . . .	3
ENGL	1020	English Composition. . . . .	3
COMM	1010	Fundamentals of Public Speaking . . . . .	3
ECON	2000	Contemporary Economics . . . . .	3
MATH	1610	Fundamental Concepts of Mathematics . . . . .	3
AOM	2110	Microcomputer Fundamentals . . . . .	3
MT	2050	Principles of Management . . . . .	3
		Humanities selected from courses on pages 294-295 . . . . .	3
			24

**Required Specialization**

MT	1000	Introduction to Business Environment . . . . .	3
MT	2010	Accounting Survey . . . . .	3
MT	2030	Marketing Survey . . . . .	3
MT	2250	Introduction to Business Law . . . . .	3
MT	2400	Human Resources Management . . . . .	3
MT	2550	Small Business Operations . . . . .	3
MT	2100	Mathematics for Management	
		or	
MATH	1620	Fundamental Concepts of Mathematics . . . . .	3
MT	2110	Business Statistics . . . . .	3
MT	2150	Personal Financial Management. . . . .	3
AOM	2300	Business Communications . . . . .	3
AOM	2350	Office Management and Supervision . . . . .	3

**Guided Electives - 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

**Electives** ..... **3**

Selected from appropriate courses in the Colleges of Arts and Letters, Science and Mathematics, Business, Professional Programs and Social Sciences, or the School of Technology and Public Management. Students planning to pursue a baccalaureate degree should generally select the electives required to fulfill the baccalaureate Liberal Arts core and computer literacy requirements.

**TOTAL HOURS REQUIRED** ..... **66**

**CONCENTRATION: MANAGEMENT TECHNOLOGY**

Specialization: General Business  
 Advisor: Zaman

**Core of Common Knowledge**

ENGL	1010	English Composition	3
ENGL	1020	English Composition	3
MATH	1110	College Algebra	3
COMM	1010	Fundamentals of Public Speaking	3
ECON	2010	Principles of Economics I	3
MT	2050	Principles of Management	3
MIS	1100	Computers in Business	3
		Humanities selected from courses on pages 294-295	3
			24

**Required Specialization**

MT	1000	Introduction to Business Environment	3
MT	2030	Marketing Survey	3
MT	2250	Introduction to Business Law	3
ECON	2020	Principles of Economics II	3
ACCT	2010	Principles of Accounting I	3
ACCT	2020	Principles of Accounting II	3
QM	2110	Business and Economic Statistics I	3
MATH	1810	Elements of Calculus	3
			24

**Guided Electives**

Select nine hours from B.S. Liberal Arts core with the minimum hours indicated from each of the following areas:

American History	3
Natural Science w/laboratory	4
Physical Education	2
	9

**Electives** ..... **9**

Selected nine hours from appropriate courses in the Colleges of Arts and Letters, Science and Mathematics, Business, Professional Programs and Social Services, or the School of Technology and Public Management. Students plan-



ning to pursue a baccalaureate degree should generally select the electives required to fulfill the baccalaureate Liberal Arts core and computer literacy requirements.

**TOTAL HOURS REQUIRED . . . . .66**

**CONCENTRATION: MANAGEMENT TECHNOLOGY**

Specialization: Industrial Management  
 Advisor: Zaman

**Core of Common Knowledge**

ENGL	1010	English Composition . . . . .	3
ENGL	1020	English Composition . . . . .	3
COMM	1010	Fundamentals of Public Speaking . . . . .	3
ECON	2000	Contemporary Economics . . . . .	3
MATH	1610	Fundamental Concepts of Mathematics . . . . .	3
AOM	2110	Microcomputer Fundamentals . . . . .	3
MT	2050	Principles of Management . . . . .	3
Humanities selected from courses on pages 294-295 . . . . .			3
			24

**Required Specialization**

MT	1050	Industrial Mathematics . . . . .	3
MT	2110	Business Statistics . . . . .	3
MT	2120	Statistical Process Control . . . . .	3
MT	2200	Business and Industrial Safety . . . . .	3
MT	2250	Introduction to Business Law . . . . .	3
MT	2370	Human Relations in Business. . . . .	3
MT	2400	Human Resource Management. . . . .	3
MT	2450	Labor Relations . . . . .	3
MT	2500	Purchasing and Logistics . . . . .	3
MT	2570	Production Management . . . . .	3
AOM	2300	Business Communication	
or			
ENGL	1100	Technical Report Writing . . . . .	3
			33

**Guided Electives: Select six hours:**

MT	2010	Accounting Survey . . . . .	3
MT	2270	Business Ethics. . . . .	3
MT	2600	Seminar: Special Topics in Industrial Management . . . . .	3
AOM	2350	Office Management and Supervision . . . . .	3
			6

**Electives . . . . .3**

Selected from appropriate courses in the Colleges of Arts and Letters, Science and Mathematics, Business, Professional Programs and Social Sciences, or the School of Technology and Public Management. Students planning to pursue a baccalaureate degree should generally select the electives required to fulfill the baccalaureate Liberal Arts core and computer literacy requirements.

**TOTAL HOURS REQUIRED . . . . .66**

**CONCENTRATION: POLICE SCIENCE AND ADMINISTRATION**

Advisor: Beavers

Students must select the specialization in Police Administration or Corrections Management.

**Core of Common Knowledge**

ENGL	1010	English Composition. . . . .	3
ENGL	1020	English Composition . . . . .	3
MATH	1610	Fundamental Concepts of Mathematics	
		or	
MATH	1110	College Algebra. . . . .	3
PSY	1020	General Psychology	
		or	
SOC	2010	Introduction to Sociology . . . . .	3
COMM	1010	Fundamentals of Public Speaking	
		or	
COMM	1030	nterpersonal Communication . . . . .	3
		Humanities selected from courses on pages 294-295 . . . . .	3
			18

**Required: Specialization I: Police Administration**

LEN	1010	Introduction to Criminal Justice . . . . .	3
LEN	1020	Criminal Law and Procedure . . . . .	3
LEN	1030	Criminalistics . . . . .	3
LEN	1070	Computers in Law Enforcement . . . . .	3
LEN	1080	Patrol Procedures and Practices . . . . .	3
LEN	2010	Police Administration. . . . .	3
LEN	2020	Criminal Investigation . . . . .	3
LEN	2030	Criminal Evidence . . . . .	3
LEN	2040	Drug Identification and Effects . . . . .	3
LEN	2080	Seminar in Law Enforcement . . . . .	3
COR	1090	Constitutional Issues in Law Enforcement . . . . .	3
			33

**Guided Electives - select 12 hours:**

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

**Electives** ..... **3**

Selected from appropriate courses in the Colleges of Arts and Letters, Science and Mathematics, Business, Professional Programs and Social Sciences, or the School of Technology and Public Management. Students planning to pursue a baccalaureate degree should generally select the electives required to fulfill the baccalaureate Liberal Arts core and computer literacy requirements.

**Required Specialization II: Corrections Management**

LEN	1010	Introduction to Criminal Justice	3
LEN	1020	Criminal Law and Procedures	3
LEN	1040	Police Firearms and Defensive Tactics	3
LEN	1070	Computers in Law Enforcement	3
LEN	2030	Criminal Evidence	3
LEN	2040	Drug Identification and Effects	3
LEN	2050	Juvenile Procedures	3
COR	1050	Survey of Institutional Corrections	3
COR	1060	Criminology	3
COR	1070	Community-Based Corrections	3
COR	1090	Constitutional Issues in Law Enforcement	3
COR	2060	Correctional Management	3
COR	2070	Probation, Pardons, and Parole	3
COR	2090	Seminar in Corrections	3

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**Electives** ..... **6**

Selected from appropriate courses in the Colleges of Arts and Letters, Science and Mathematics, Business, Professional Programs and Social Sciences, or the School of Technology and Public Management. Students planning to pursue a baccalaureate degree should generally select the electives required to fulfill the baccalaureate Liberal Arts core and computer literacy requirements.

**TOTAL HOURS REQUIRED** ..... **66**

**CONCENTRATION: RESTAURANT MANAGEMENT**

Advisor: Stanfill

Students must select the specialization in Food Services of Culinary Arts.

**Core of Common Knowledge**

ENGL	1010	English Composition	3
ENGL	1020	English Composition	3
MATH	1610	Fundamental Concepts of Mathematics	
or			
MATH	1110	College Algebra	3
PSY	1020	General Psychology	
or			
SOC	2010	Introduction of Sociology	3
COMM	1010	Fundamentals of Public Speaking	
Humanities selected from courses on pages 294-295			3

**Required Specialization I: Food Service**

AOM	2300	Business Communication	3
FS	1100	Basic Food Service and Sanitation	3
FS	1300	Food Preparation-Breakfast	3
FS	1400	Food Preparation-Lunch	3
FS	1500	Food Preparation-Dinner	3
FS	2040	Cake Decorating	3
FS	2050	Ice Sculpture	3
FS	2100	Food Preparation-Buffer Catering	3
FS	2200	Gourmet Foods	3
FS	2300	Food Management Operation and Administration	3
FS	2400	Facility Layout and Volume Food Management	3
FS	2500	Decoration and Design	3
FS	2600	Nutrition and Menu Planning	3
FS	2980	Culinary Skills	3
FS	2990	Supervised Field Study	3

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**Electives** . . . . . **3**

Selected from appropriate courses in the Colleges of Arts and Letters, Science and Mathematics, Business, Professional Programs and Social Sciences, or the School of Technology and Public Management. Students planning to pursue a baccalaureate degree should generally select the electives required to fulfill the Liberal Arts core and computer literacy requirements.

**Required Specialization II: Culinary Arts**

CA	2000	Introduction to the Culinary Operation	3
CA	2100	Sanitation and Safety	3
CA	2200	Nutrition and Menu Planning	3
CA	2300	Culinary Food Preparation	3
CA	2400	Food and Beverage Management	3
CA	2410	Dining Room Service	3
CA	2420	Catering and Banquet Management	3
CA	2510	Human Relation/Management	3
CA	2520	Garde Manager	3
CA	2530	Purchasing and Receiving	3
CA	2800	International Food Preparation	3
CA	2900	Field Study in the Culinary Operation	3

**Guided Electives - Select nine hours:**

CA	2500	Culinary Baking	3
CA	2600	Bar Service	3
CA	2700	Bar Management	3
CA	2710	Meat Cutting and Processing	3
FS	2500	Decoration and Design	3
FS	2200	Gourmet Foods	3
FS	2980	Culinary Skills	3

**Electives** . . . . . **3**

To be chosen from appropriate courses in the Colleges of Arts and Letters, Science and Mathematics, Business, Professional Programs and Social Sciences, or the School of Technology and Public Managements. Students planning to pursue a baccalaureate degree should generally select the electives required to fulfill the Liberal Arts core and computer literacy requirements.

**TOTAL HOURS REQUIRED** . . . . . **66**

# MAJOR: OCCUPATIONAL STUDIES

## CONCENTRATION: AUTOMOTIVE TECHNOLOGY

Advisor: French

### Core of Common Knowledge

ENGL	1010	English Composition .....	3
ENGL	1020	English Composition. ....	3
MATH	1610	Fundamental Concepts of Mathematics	
		or	
MATH	1110	College Algebra .....	3
PSY	1020	General Psychology	
		or	
SOC	2010	Introduction to Sociology .....	3
COMM	1010	Fundamentals of Public Speaking .....	3
		Humanities selected from courses on pages 294-295 .....	3
			18

### Required Specialization

AT	1050	Basic Automobile Shop Practices .....	3
AT	1240	Fuel Systems .....	3
AT	1300	Engine Power Mechanics .....	3
AT	1350	Automotive Power Transfer Devices .....	3
AT	1400	Automotive Braking Systems .....	3
AT	1450	Automotive Electrical Systems .....	3
AT	2000	Automotive Suspension, Steering, and Wheel Alignment .....	3
AT	2250	Engine Rebuilding .....	3
AT	2300	Advanced Automotive Electronics .....	3
AT	2350	Automatic Transmission .....	3
AT	2400	Auto Air-Conditioning, Heating, and Ventilation Systems .....	3
AT	2550	Computerization and Systems Monitoring .....	3
AT	2570	Advance Engine Performance, Diagnosis and Service .....	3
AT	2590	Advanced Automatic Transmissions .....	3
AT	2600	Production Mechanics .....	3
			45

**Electives** ..... **3**  
 Selected from appropriate courses in the Colleges of Arts and Letters, Science and Mathematics, Business, Professional Programs and Social Sciences, or the School of Technology and Public Management. Students planning to pursue a baccalaureate degree should generally select the electives required to fulfill the baccalaureate Liberal Arts core and computer literacy requirements.

**TOTAL HOURS REQUIRED** ..... **.66**

**CONCENTRATION: CONSTRUCTION TECHNOLOGY**

Advisor: Jones

Students must select the specialization in General Construction, Metal Construction, or Condominium/Apartment Maintenance and Management.

**Core of Common Knowledge**

ENGL	1010	English Composition. . . . .	3
ENGL	1020	English Composition. . . . .	3
MATH	1610	Fundamental Concepts of Mathematics	
		or	
MATH	1110	College Algebra . . . . .	3
PSY	1020	General Psychology	
		or	
SOC	2010	Introduction to Sociology . . . . .	3
COMM	1010	Fundamentals of Public Speaking . . . . .	3
		Humanities selected from courses on pages 294-295 . . . . .	3
			18

**Required Specialization I: General Construction**

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 18 hours:**

CT	1000	Home Repair and Maintenance . . . . .	3
CT	1300	Blueprint Reading and Leveling Instruments . . . . .	3
CT	1400	Systems Controls . . . . .	3
CT	2320	Construction Drawing II . . . . .	3
CT	2330	Advanced Carpentry I . . . . .	3
CT	2340	Advanced Carpentry II . . . . .	3
CT	2350	Advanced Carpentry III . . . . .	3
CT	2450	Advanced Heating and Air-Conditioning I . . . . .	3
CT	2460	Advanced Heating and Air-Conditioning II . . . . .	3
CT	2520	Contracts and Specifications . . . . .	3
CT	2620	Advanced Masonry Construction I. . . . .	3
CT	2630	Advanced Masonry Construction II . . . . .	3
CT	2650	Concrete Construction . . . . .	3
CT	2680	Electrical Wiring . . . . .	3
CT	2690	Construction Wiring . . . . .	3
CT	2700	Industrial Wiring and Maintenance. . . . .	3
CT	2820	Advanced Plumbing I . . . . .	3
CT	2830	Advanced Plumbing II . . . . .	3
CT	2850	Traps, Fixtures and Appliances . . . . .	3

**Electives – General Construction . . . . .3**

Selected from appropriate courses in the Colleges of Arts and Letters, Science and Mathematics, Business, Professional Programs and Social Sciences, or the School of Technology and Public Management. Students planning to pursue a baccalaureate degree should generally select the electives required to fulfill the Liberal Arts core and computer literacy requirements.

Required Specialization II: Metal Construction

WT	1050	Introduction to Welding Processes . . . . .	3
WT	1150	Basic Oxy-Acetylene Welding . . . . .	3
WT	1250	Basic Arc Welding . . . . .	3
WT	1300	Basic Tungsten Inert Gas Welding . . . . .	3
WT	2050	Metal Inert Gas Welding . . . . .	3
WT	2250	Advanced Arc Welding . . . . .	3
WT	2350	Advanced Tungsten Inert Gas Welding . . . . .	3
WT	2450	Specialized Welding Processes . . . . .	3
WT	2550	Principles of Pipe Welding . . . . .	3
WT	2650	Welding Metallurgy and Blueprint Symbols . . . . .	3
WT	2700	Certification Practices—Plate Welding . . . . .	3
CT	1330	Introductory Carpentry . . . . .	3
CT	1430	Blueprint Reading and Sketching I . . . . .	3
CT	1680	Applied Electricity . . . . .	3
CT	2520	Contracts and Specifications . . . . .	3
			45

**Electives – Metal Construction . . . . .3**

Selected from appropriate courses in the Colleges of Arts and Letters, Science and Mathematics, Business, Professional Programs and Social Sciences, or the School of Technology and Public Management. Students planning to pursue a baccalaureate degree should generally select the electives required to fulfill the Liberal Arts core and computer literacy requirements.

**TOTAL HOURS REQUIRED . . . . .66**

**CONCENTRATION: ELECTRONICS TECHNOLOGY**

Advisor: Salama

Students must select the specialization in Electronic Communications or Computer Technology.

**Core of Common Knowledge**

ENGL	1010	English Composition . . . . .	3
ENGL	1020	English Composition. . . . .	3
MATH	1110	College Algebra . . . . .	3
PSY	1020	General Psychology	
or			
SOC	2010	Introduction to Sociology . . . . .	3
COMM	1010	Fundamentals of Public Speaking	
or			
ENGL	1100	Technical Report Writing . . . . .	3
		Humanities selected from courses on pages 294-295 . . . . .	3



**Required Specialization I: Electronic Communications**

ET	1030	DC Fundamentals and Circuits	3
ET	1040	AC Fundamentals and Circuits	3
ET	1100	Applied Physics	3
ET	1110	Mathematics in Electronics	3
ET	1120	Advanced Mathematics in Electronics	3
ET	1150	Calculus for Electronics	3
ET	1230	Electronic Fundamentals and Circuits I	3
ET	1240	Electronic Fundamentals and Circuits II	3
ET	2030	Digital Electronic Circuits I	3
ET	2040	Digital Electronic Circuits II	3
ET	2140	Communication Circuits I	3
ET	2150	Communication Circuits II	3
ET	2320	Microprocessor Circuits Construction	3
ET	2330	Electronic Projects	3
ENGT	2020	Robotics Fundamentals	3
			45

**Elective - select one course: . . . . . 3**

ET	1010	Introduction to Electronic Technology - 3 hours
ET	1210	Electronic Test Equipment - 3 hours
ENGT	1020	Computer-Aided Drafting and Design - 3 hours

or

From appropriate courses in the Colleges of Arts and Letters, Science and Mathematics, Business, Professional Programs and Social Sciences, or the School of Technology and Public Management. Students planning to pursue a baccalaureate degree should generally select the electives required to fulfill the baccalaureate Liberal Arts core and computer literacy requirements.

**Required Specialization II: Computer Technology**

ET	1030	DC Fundamentals and Circuits	3
ET	1040	AC Fundamentals and Circuits	3
ET	1100	Applied Physics	3
ET	1110	Mathematics in Electronics	3
ET	1120	Advanced Mathematics in Electronics	3
ET	1150	Calculus for Electronics	3
ET	1230	Electronic Fundamentals and Circuits I	3
ET	1240	Electronic Fundamentals and Circuits II	3
ET	2030	Digital Electronic Circuits I	3
ET	2040	Digital Electronic Circuits II	3
ET	2320	Microprocessor Circuits Construction	3
ET	2410	Digital Communications	3
ET	2420	Introduction to Computer Architecture	3
ET	2430	Introduction to Operating Systems	3
ET	2440	Introduction to Programmable Controllers	3
			45

**Electives - select one course: . . . . . 3**

ET	1010	Introduction to Electronic Technology - 3 hours
ET	1210	Electronic Test Equipment - 3 hours
ENGT	1020	Computer-Aided Drafting and Design - 3 hours
ENGT	2020	Robotics Fundamentals - 4 hours

or

From appropriate courses in the Colleges of Arts and Sciences, Business, Education, Human Services and Nursing, or the School of Technology and Public Management.

Students planning to pursue a baccalaureate degree should generally select the electives required to fulfill the Liberal Arts core and computer literacy requirements.

**TOTAL HOURS REQUIRED** ..... **.66**

**ENGINEERING TECHNOLOGY (B.S. DEGREE)**

See page 129

**PUBLIC MANAGEMENT (B.S. DEGREE)**

See page 186

## TECHNICAL COURSE DESCRIPTIONS

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Following are course descriptions for technical courses taught exclusively at Fort Campbell.

### ADMINISTRATIVE OFFICE MANAGEMENT

#### **AOM 2000 Beginning Typewriting/Keyboarding (3)**

Basic alphanumeric instruction on the electronic typewriter and/or microcomputer. Emphasis will be placed on speed and accuracy. Simple business documents will be introduced.

#### **AOM 2010 Document Processing I (3)**

Prerequisite: AOM 2000 or equivalent skills

Continuation of keyboarding skills essential to document processing. Involves processing intermediate level office correspondence/forms/reports.

#### **AOM 2020 Document Processing II (3)**

Prerequisite: AOM 2010 or equivalent skills

Refinement of keyboarding office production skills using complex forms and documents. Simulated office activities are implemented.

#### **AOM 2040 Word Processing Concepts and Applications (3)**

Prerequisite: AOM 2020 or equivalent skills

Emphasis is placed on basic word processing concepts and integration with typical office word processing applications.

#### **AOM 2050 Advanced Word Processing and Desktop Publishing (3)**

Prerequisite: AOM 2040

Produce complex documents using advanced word processing functions and desktop publishing applications.

#### **AOM 2100 Introduction to Microsystems (3)**

Introduction to the hardware and software of microcomputers; instruction on configuring and troubleshooting of microsystems: MS-DOS and Windows instruction.

#### **AOM 2110 Microcomputer Fundamentals (3)**

Computer terminology, professional ethics and social implications of computers. Introduction to microcomputer hardware, software, systems applications, and basic elementary programming.

#### **AOM 2120 Microcomputer Software Applications (3)**

Prerequisites: AOM 2100, AOM 2110, or permission of instructor

Integrated software concepts which include word processing, spreadsheets, database management, graphics, and communications.

#### **AOM 2121 Advanced Integrated Software Applications (3)**

Prerequisite: AOM 2120

Advanced integrated software concepts and applications of word processing, spreadsheets, database management, graphics, and communications for business situations.

#### **AOM 2131 Spreadsheet Applications (3)**

Prerequisites: AOM 2100, AOM 2110, or permission of instructor

Business applications using spreadsheet software.

#### **AOM 213A Microcomputer Applications: Word Processing (1.5)**

Prerequisites: AOM 2100, AOM 2110, or permission of instructor

Microcomputer-based word processing software, creating, editing, and manipulating documents of varying sophistication.

#### **AOM 213B Microcomputer Applications: Spreadsheets (1.5)**

Prerequisites: AOM 2100, AOM 2110, or permission of instructor

Microcomputer-based spreadsheet software for business application, spreadsheet documents will be produced for a variety of applications.

#### **AOM 213C Microcomputer Applications: Database (1.5)**

Prerequisites: AOM 2100, AOM 2110, or permission of instructor

Concepts of database management system using

microcomputer database software to apply and validate these concepts.

**AOM 213D Microcomputer Applications: Desktop Publishing (1.5)**

Prerequisites: AOM 2100, AOM 2110, or permission of instructor

Desktop publishing concepts and hands-on training in microcomputers, laser printers, and various page composition software packages.

**AOM 213E Microcomputer Applications: Presentation Graphics (1.5)**

Prerequisites: AOM 2100, AOM 2110, or permission of instructor

Software used to design presentation graphics such as business charts, line charts, bar graphs, and organization charts.

**AOM 2132 Database Applications (3)**

Prerequisite: AOM 2100, AOM 2110, or permission of instructor

Business applications using database software.

**AOM 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.

**AOM 2210 Office Systems and Procedures (3)**

Office systems emphasizing the interrelationship of people, procedures, and equipment.

**AOM 2300 Business Communications (3)**

Principles of effective business communications. Solving business problems through writing business letters, reports, and oral communications.

**AOM 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.

**AOM 2900 Seminar for Professional Secretaries (3)**

Strengthen and update secretarial knowledge in the behavioral sciences, office technology, and office administration and communications areas. Course materials are parallel to content of the Certified Professional Secretary examination.

**AOM 2990 Internship in Administrative Office Management (3)**

Professional employment experience in preparation for an administrative office position. A formal written report documenting experiences will be required. Satisfactory evaluation by employer is also required for credit. Taken on a Pass/Fail basis.

**AOM 299A, B, C Special Problems in Office Management (1, 2, 3)**

Individual research relating to current problems, issues, and/or technological advancements of the modern office. Conducted under the guidance of a faculty member.

## AUTOMOTIVE TECHNOLOGY

**AT 1050 Basic Automobile Shop Practices (3)**

Fundamentals of shop safety, shop procedures, tool use, and automobile servicing. Auto systems and components will be limited to nomenclature and functions as related to proper assembly.

**AT 1240 Fuel Systems (3)**

Techniques and procedures for overhaul and service of the fuel systems. Diagnosis and testing procedures.

**AT 1300 Engine Power Mechanics (3)**

The engine as a prime mover and the methods of its utilization. Methods of design and construction of internal combustion engine components as related to gasoline and diesel engines. Operation, care and service, testing and diagnosing functional troubles, and necessary minor repairs and adjustments.

**AT 1350 Automotive Power Transfer Devices (3)**

Principles and functions of automotive power train systems; clutches, standard transmissions, power transfer coupling devices, and differentials. Identification of trouble, servicing, and repairs.

### **AT 1400 Automotive Braking Systems (3)**

Practical job instruction on theory, adjustment, and repair of braking systems. Units studied will be coefficient of friction as related to various materials used for braking purposes, as well as hydraulic, electrical, and air braking systems.

### **AT 1450 Automotive Electrical Systems (3)**

Fundamental principles of electricity as used by the auto technician, electrical components of the automobile, and electrical schematics.

### **AT 2000 Automotive Suspension, Steering, and Wheel Alignment (3)**

Principles and functions of the components of the automotive chassis and steering system. The theory of alignment. Why automobiles set according to specifications act differently. Practical job instruction on diagnosis and repairing of suspension and steering components. Diagnosis and correction of wheel alignment angles.

### **AT 2250 Engine Rebuilding (3)**

Prerequisite: AT 1300, or permission of instructor

The disassembly of the internal combustion engine, taking measurements for the purpose of repairing or replacing damaged components to bring the engine to operating specifications, and reassembly of the engine.

### **AT 2300 Advanced Automotive Electronics (3)**

Prerequisite: AT 1450 or permission of instructor

Theory, construction, testing, and application of electronic devices of the automobile. Analysis of electronic instruments, how they work, what they do, and their limitations to automotive electronics systems diagnosis. Practical problem solving in digital instrumentation, control modules, and other automotive electronic devices.

### **AT 2350 Automatic Transmissions (3)**

Principles and theories of automatic transmissions, including troubleshooting and overhaul procedures of hydraulically operated transmissions, torque converters, and fluid couplings used with automatic transmissions common to the automotive field.

### **AT 2400 Auto Air Conditioning, Heating, and Ventilation Systems (3)**

Types of air conditioning, heating, and ventilating systems used in the automobile. Problem diagnosis and servicing will be employed.

### **AT 2550 Computerized and Systems Monitoring (3)**

Prerequisite: AT 2300 or permission of instructor

Theory, diagnosis, and repair procedures of computerized engine components used for reduction of automobile emissions and various electronic monitoring systems for data readout of specialized processes.

### **AT 2570 Advanced Engine Performance, Diagnosis and Service (3)**

Prerequisites: AT 1240 and 2550

Diagnosis and repair of automotive fuel, emission, and ignition, electronic and computer systems, and electronic test equipment.

### **AT 2590 Advanced Automotive Transmissions (3)**

Prerequisite: AT 2350, or permission of advisor

Further instruction in automatic transmissions and transaxles including principles of operation, troubleshooting, and overhaul procedures on hydraulically operated transmissions and transaxles, torque converters, fluid couplings, and computerized transmission and transaxle system controls.

### **AT 2600 Production Mechanics (3)**

Prerequisites: AT 1400, 2000, 2250, 2350, 2550, 2570 or permission of instructor.

Line and simulated work on all phases of automobile mechanics.

### **AT 2810, 2820, 2830 Special Topics in Automotive Technology (1-3 each)**

Prerequisite: Permission of instructor

Various topics in automotive technology which relate to the needs of the student and industry.

## **CULINARY ARTS**

### **CA 2000 Introduction to the Culinary Operation (3)**

Background and history of the hospitality industry and introduce the student to the broad spectrum of hospitality/food service organizations and career opportunities.

### **CA 2100 Sanitation and Safety (3)**

Basic principles of sanitation and safety and the laws and regulations related to safety, fire, and sanitation. To

maintain a safe and healthy environment for the consumer in the food service industry.

**CA 2200 Nutrition and Menu Planning (3)**

Characteristics, functions, and food sources for the major nutrient groups and how to maximize nutrient retention in food preparation and storage. Nutrient needs throughout the life cycle and apply those principles to menu planning and food preparation.

**CA 2300 Culinary Food Preparation (3)**

Fundamentals of food preparation, service procedures, sanitation and safety practices in the food service business and operating techniques for equipment.

**CA 2400 Food and Beverage Management (3)**

Principles of volume food service and the study of food and beverage management problems, receiving, sanitation, menu planning, purchasing, storage and cost control.

**CA 2410 Dining Room Service (3)**

Types of dining service appropriate to differing food service operations; gain an appreciation of the relationship between “ front” and “ back” of the house.

**CA 2420 Catering and Banquet Management (3)**

Catering segments of the culinary arts industry to include sales, menu planning, layouts, floor plans, ceremonial catering, weddings, kosher catering, theme catering, and legal aspects of catering.

**CA 2500 Culinary Baking (3)**

Baking science, terminology, ingredients, weights and measures, formula conversion and storage; prepare yeast goods, pies, cakes, cookies and quick breads; use and care of equipment; sanitation, hygienic work habits and their conformance with health regulations.

**CA 2510 Human Relations/Management (3)**

The transition from employee to supervisor. Evaluate styles of leadership and develop effective skills in human relations and personnel management.

**CA 2520 Garde Manger (3)**

Basic garde manger principles and the functions and duties of the garde manger department as they relate and integrate with other kitchen operations. Introduction to specialty work which includes ice carv-

ing, 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.

## **CORRECTIONS MANAGEMENT**

**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 re-socialization 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.

**CONSTRUCTION TECHNOLOGY****CT 1000 Home Repair and Maintenance (3) (100A, 100B, 100C-1 hour each)**

CT 100A, CT 100B, and CT 100C is equivalent to CT 1000

Acquire the knowledge and skill necessary for home repair and maintenance of plumbing fixtures, electrical devices, and carpentry repair; to include the neces-

sary 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**

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.

**ELECTRONICS TECHNOLOGY**

**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

Analysis of electrical measurements of current, voltage, and resistance including Kirchoff's Law, Ohm's Law, series, parallel and series-parallel circuits. Selected network theorems-superposition, Thevenin and Norton's theorems and conductors and insulators.

**ET 1040 A.C. Fundamentals and Circuits (3)**

Prerequisite: ET 1030

Corequisite: ET 1120

Analysis of Alternating Current circuits, inductance, capacitance, reactance, impedance, series-parallel in alternating current circuits, network analysis, more complex circuits, transformers, and resonance.

**ET 1100 Applied Physics (3)**

Sound, light, electricity, and magnetism.

**ET 1110 Mathematics in Electronics (3)**

Fundamentals of algebra and concepts, arithmetic operations, exponents and roots, scientific notation, electronic equations, graphs and their equations, linear equations, circle, ellipse solving simultaneous, second degree equations, imaginary number and determinants. Introducing basic trigonometry principles, functions, and application.

**ET 1120 Advanced Mathematics in Electronics (3)**

Prerequisite: ET 1110

Alternating Currents - fundamental ideas, series circuits, parallel circuits, complex algebra, Karnaugh maps, digital arithmetic.

**ET 1150 Calculus for Electronics (3)**

Prerequisites: ET 1120, ET 1040

Fundamental concepts, functions, average rate, limits, graphic differentiation. Derivatives, derivatives applied, integrals and integrals applied. Definite integrals, logarithmic and exponential functions.

**ET 1210 Electronic Test Equipment and Procedures (3)**

Electronic instruments, how they work, and their uses in solving practical problems in the lab.

**ET 1230 Electronic Fundamentals and Circuits I (3)**

Prerequisites: ET 1040, ET 1120

Basic concepts of semiconductor diodes and bipolar transistors theory. Diodes and applications, Bipolar Junction Transistor (BJT) operation, biasing and small signal amplifiers. A study of Junction Field- Effect Transistor (JFET) and Metal Oxide Semiconductor FET transistor (MOSFET) operation, biasing and small signal amplifiers. Analysis of Class A, Class B, and Class C power amplifiers.

**ET 1240 Electronic Fundamentals and Circuits II (3)**

Corequisite: ET 1230

Operational amplifiers and integrated circuits, operational amplifier applications, oscillators, active filters, voltage regulators, shockley diods, silicon controlled rectifier, diad, triac, unijunction transistor andopto-electronic devices.

**ET 2030 Digital Electronics Circuits I (3)**

Corequisite: ET 1230

Concepts of number systems, binary and other number base systems, Boolean algebra and logic systems, logic gate circuits, adders, and flip-flips.

**ET 2040 Digital Electronic Circuit II (3)**

Prerequisite: ET 2030

Continuation of ET 2030, with the study of shift register counter circuits, multiplexers, digital to analog (D to A) converters, A to D converters, and memory devices.

**ET 2140 Communication Circuits I (3)**

Prerequisites: ET 1150, ET 1240

Operation and theory of electronic communication systems. The theory of Amplitude Modulation (AM)/demodulation, Frequency Modulation (FM)/demodulation, and Side Bands.

**ET 2150 Communication Circuits II (3)**

Prerequisite: ET 2140

Continuation of 2140 with the study of antennas, transmission lines, wave propagation, fiber optics.

**ET 2320 Microprocessor Circuit Construction (3)**

Prerequisite: ET 2040

Design of digital systems utilizing a microprocessor.

**ET 2330 Electronic Project (3)**

Prerequisites: ET 2040, ET 2140

Corequisites: ET 2150, ET 2330

Design fabrication involving an approved electronic project. Construction includes layout and fabrication of circuit, wiring, and the assembly. The student tests and analyzes the performance of the project and submits a written report.

**ET 2410 Digital Communications (3)**

Prerequisites: ET 1240, ET 2030

Communication techniques and systems used for digital data transfer. Digital transmission and various modulation techniques, RS-232 interface standard, other communication interfaces, telephone systems and modems, network, error detection, correction, and data security.

**ET 2420 Introduction to Computer Architecture (3)**

Prerequisite: ET 2320

Introducing computer purposes, computer architectures: memory CPU, computer peripherals, high level language and data, data input/output, and voice recognition systems.

**ET 2430 Introduction to Operating Systems (3)**

Prerequisite: ET 2420

Introducing interrelationships of software and hardware in computer systems. A study of scheduling, shared resources, multi-users, security files, multi-tasking, and DOS and UNIX operating systems.

**ET 2440 Introduction to Programmable Controller (3)**

Prerequisite: ET 2030

Introducing programmable logic controllers (PLC), PLC hardware, components, number systems and codes. Fundamentals of logic, basic PLC programming, developing fundamental PLC wiring diagrams and lad-

der programs, programming timers and counters, PLC editing and trouble-shooting, and PLC installation practices.

## **FOOD SERVICE TECHNOLOGY**

### **FS 1100 Basic Food Service and Sanitation (3)**

Techniques of proper use of kitchen equipment and hand tools. Overview of food service industry and styles of service. Principles of microbiology in personal cleanliness: causes, control, and investigation of illness resulting from contamination. Sanitary practices in food preparation; proper dishwashing procedures, sanitation of kitchens, dining rooms, and equipment.

### **FS 1300 Food Preparation-Breakfast (3)**

Prerequisites: FS 1100, or permission of advisor

Various breakfast foods and preparation procedures with emphasis on food cost control.

### **FS 1400 Food Preparation-Lunch (3)**

Prerequisites: FS 1100, or permission of advisor

Food planning and preparation in lunch menu items, including short order foods.

### **FS 1500 Food Preparation-Dinner (3)**

Prerequisites: FS 1100, or permission of advisor

Dinner items and menu planning to include use of leftover foods. An introduction to the baking area.

### **FS 2040 Cake Decorating (3)**

Fundamentals and techniques of cake decorating; the preparation and baking of a variety of cakes and icings, the art of preparing color flow, marzipan, and pastillage.

### **FS 2050 Ice Sculpture (3)**

Fundamentals and techniques of preparing ice sculptures; ice selection, moving, handling, storage, and the preparation of templates.

### **FS 2100 Food Preparation-Buffer Catering (3)**

Prerequisites: FS 1300, FS 1400, FS 1500 or permission of advisor

Food preparation with emphasis on style of service, buffet, table, box lunch, wedding receptions, picnics, office parties, and luncheons.

### **FS 2200 Gourmet Foods (3)**

Prerequisite: FS 2100 or permission of advisor

Creativity in food preparation with emphasis on sectional food in the U.S. and foreign foods. Methods of enhancing appearance and taste of dishes for family and quantity food service; preparation and service. Preparation and use of soups, sauces, gravies, stocks, and beverages.

### **FS 2300 Food Management Operations and Administration (3)**

Business methods related to the field of food service. Accounting systems, record keeping, reporting cash turn-in, labor and menu costing, equipment selection, purchasing and maintenance, food purchasing and control, scheduling of personnel for shift, supervising, and controlling.

### **FS 2400 Facility Layout and Volume Food Management (3)**

Design of food service facilities, to include analysis of floor pattern, time and motion principles, and equipment placement. Large volume food service, operational differences, menu construction, raw materials estimate, and large volume preparation techniques.

### **FS 2500 Decoration and Design (3)**

Prerequisite: FS 2200 or permission of advisor

Theory, demonstration, and practice in the production of decoration exhibits work to include string work, color flow, fruit and vegetable sculpture, pastillage, chaud-froid, tallor, and chocolate.

### **FS 2600 Nutrition and Menu Planning (3)**

Menu planning and nutritional consideration with emphasis on menu types and specializations such as ethnic foods and special occasions. The 650 calorie menu, other factors influencing menu planning, refrigeration facilities, employee skills, eye appealing food combinations, type of clientele, and food service.

### **FS 2980 Culinary Skills (3)**

Prerequisite: FS 2500 or permission of advisor

The art and technique of culinary arts; the creating and preparing of cocktail canapés, cold buttet-fish/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.

## **POLICE SCIENCE AND ADMINISTRATION (LAW ENFORCEMENT)**

### **LEN 1010 Introduction to Criminal Justice (3)**

Agencies involved in the administration of criminal justice and their purposes, goals, and actual functions. Evaluation of Law Enforcement responsibilities, techniques, and methods of police and patrol.

### **LEN 1020 Criminal Law and Procedure (3)**

Overview of criminal trial procedures; historical background of constitutional rights; rules governing the admissibility of evidence and types of evidence. Includes laws of arrest, search, and seizure. Case law is applicable to each area.

### **LEN 1030 Criminalistics (3)**

Crime scene protection, proper identification of evidence, including dusting latent prints, casting, fingerprint classification, and use of portable crime laboratory equipment.

### **LEN 1040 Police Firearms (3)**

Basic skills, safety, and techniques governing the use of firearms; civil and criminal implications; practical application of firing standard police weapons. Instruction and practice in various legal and humane tactics for self-defense.

### **LEN 1050 Business and Industrial Security (3)**

Comparative examination of the relationship of the Criminal Justice System and business and industrial security. An overview of the administrative, personnel, and physical aspects of the security field.

### **LEN 1060 Evidence Photography (3)**

Prerequisites: LEN 2020, LEN 2030

Applying photographic techniques in criminal investigation, types of cameras and lighting to record

all types of evidence on film, and darkroom reproduction theories and practice.

### **LEN 1070 Computers in Law Enforcement (3)**

Fundamentals of law enforcement data processing, computer hardware, software systems, and the impact of computers and data processing on the law enforcement entity.

### **LEN 1080 Patrol Procedures and Practices (3)**

Patrol as a major activity of police service, including historical evolution of the concepts, methods of patrol, management and administration of a patrol force, and analysis of the effectiveness of traditional and non-traditional techniques.

### **LEN 1100 Basic Photography (3)**

Familiarization with the nomenclature of the camera, film varieties, dark room procedures, printing, developing of film, and use of video camera, theory and application of photographic communication.

### **LEN 1110 VIP Executive Protection (3)**

Extended knowledge of motorcade and personal protective techniques utilized by governmental police agencies to counter criminal and terrorist attacks against official visitors, presidential candidates, and other protective details, conduct a "Hands On" Protective Operation.

### **LEN 1120 Terrorism, Understanding the Threat (3)**

International, transnational and local forms of terrorism. Terrorist goals, supporting organizations, trends, threats, targets, and modus operandi.

### **LEN 1130 Crisis Counseling (3)**

Theories of victim crisis counseling: learning how to identify, analyze, and understand the abashment of victimization: sexual, child, and drug abuse.

### **LEN 1140 Tactical Shotgun (3)**

Shotgun proficiency through practical exercises, day and low light combat, history of the shotgun in law enforcement, its limitations, and nomenclature.

### **LEN 1150 Street Survival Seminar (3)**

Trends and factors causing death and personal injury to police officers, elements of danger present while on

duty, tactical procedures, and safeguards, preparation, planning and reaction to hazardous situations.

**LEN 1160 Accident Reconstruction (3)**

Traffic accidents through scientific methods of calculating vehicle speed prior to, and post, accident. Accident report writing and collision diagrams.

**LEN 1170 Sect, Cults, Deviant Movements (3)**

History, precepts, and current philosophies of Paganism, Witchcraft, Satanism, Santeria, and Brujeria. Examine ceremonial and magical rituals, signs, symbols, secret alphabets, ritualized abuse, Black mass, and cult- occult crime investigation; psychological and sociological effects of fantasy role playing games and Black/Heavy metal music on adolescents.

**LEN 1180 Basic Surveillance Techniques (3)**

Foot and vehicle surveillance to insure undetected observation of primary and selected targets, day and night observation using all methods of surveillance.

**LEN 1190 Unarmed Defensive Tactics (3)**

Physically active course that consists of basic, practical, and useful techniques for law enforcement, military, and civilian personnel with reduced legal and medical liabilities to themselves and their departments.

**LEN 2010 Police Administration (3)**

Prerequisite: Permission of advisor

Organization, administration, and function of the police agency, policy procedures, operational duties and commands, evaluation of the planning, research, and development process, and relationship of theoretical administrative concepts to practical police problems.

**LEN 2020 Criminal Investigation (3)**

Criminal investigation including crime scene search and recording, collection and preservation of evidence, a survey of related forensic science, interviews and interrogations, methods of surveillance, case preparation, and presenting the case to court.

**LEN 2030 Criminal Evidence (3)**

Criminal evidence rules, types of evidence, principle of exclusion, evaluation and examination of evidence and proof, competency of witness, hearsay rule and opinion, pre-trial discovery, and testimony in court.

**LEN 2040 Drug Identification and Effects (3)**

Identification and pharmacological effects of controlled substances, guides to identification by color, trade name, and drug code. A critical examination of the physiological, sociological, psychological, and legal aspects of drug abuse.

**LEN 2050 Juvenile Procedures (3)**

Legal and philosophical concepts and jurisdiction of the juvenile justice system. Development and trends in juvenile court movement.

**LEN 2080 Internship in Criminal Justice (3)**

Prerequisite: Permission of advisor

Off-campus practical work experience in an appropriate field. The student must spend 24 hours with the agency, supervised by a field supervisor and the course instructor. Seminars and written reports required.

**LEN 2110 Criminal Intelligence (3)**

Collation, review and analysis of criminal intelligence, and law enforcement's application of the intelligence process to combat white collar crime.

**LEN 2130 Interviewing and Interrogation Techniques (3)**

Interviewing techniques utilized in interviews with victims, witnesses, and subjects of investigations.

**LEN 2170 Advanced Sects, Cults, Deviant Movements (3)**

History and current philosophies of traditional and non-traditional cults, explore ceremonial and ritual magical processes, and Afro-Caribbean cults. Investigative processes and crime scene investigation involving crimes motivated by deviant non-traditional cults.

**LEN 2180 Countering Terrorism (3)**

Acquaint students, law enforcement officers, or security personnel with current knowledge of the terrorist threat facing U.S. personnel and provide them with current state of the art security precautions to overcome that threat. Basic terrorist related terminology, terrorist organization structure-composition, weapons, foreign support, objectives, and goals.

**LEN 2190 Tactical Training (3)**

Historical development of special weapons and tactical teams, techniques of urban and rural movement, breaching techniques, forced entry methods, surreptitious and dynamic entry, and clearing.



## MANAGEMENT TECHNOLOGY

### **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.

### **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.

*\* Does not meet the Liberal Arts core requirement for mathematics.*

### **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 envi-



ronment, 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.

## **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 metallur-

gic 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 weld-

ing, 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-qualifying 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.



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# Appendix



**AUSTIN PEAY STATE UNIVERSITY**  
**High School Units That Meet Tennessee Board of Regents Admissions Requirements**

<b>Natural/Physical Sciences - 2 units required</b> (1 unit MUST be from group A. Must be one year units)		
Courses Fulfilling Requirements At least 1 unit MUST BE from Group A		Course Not Fulfilling Requirements
Group A	Group B	
Biology I, II Biology for Technology Chemistry I, II Principles of Technology I, II Physics	Anatomy and Physiology Ecology Environmental Science (AP Only) <sup>2</sup> Geology Nutrition Science Physical Science Agriscience <sup>3</sup>	Earth Science Environmental Science(Non-AP) Life Science

<b>Foreign Language - 2 units</b> (must be in the same language)		<b>Social Studies - 1 unit required</b> *fulfills requirements for graduates prior to 1993	
Courses Fulfilling Requirements	Course Not Fulfilling Requirements	Courses Fulfilling Requirements	Course Not Fulfilling Requirements
French German Japanese Latin Russian Spanish Other Languages	Computer Language American Sign Language	Ancient History Euro History Modern History World History World Geography	Anthropology* Civics* Contemp Issues* Economics* Psychology* Sociology* US Gov*

<b>English - 4 units required</b>	
Courses Fulfilling Requirements	Courses Not Fulfilling Requirements
English I, II, III, IV Applied Communication <sup>1</sup>	Business Communication Journalism Speech

<b>U.S. History - 1 unit required</b>	
Course Fulfilling Requirements	
U.S. History	

<b>Mathematics - 3 units required</b>	
Algebra - 2 units required and 1 additional unit	
Courses Fulfilling Requirements	Courses Not Fulfilling Requirements
Algebra I (revised) or Math for Technology II Algebra II and Geometry (revised) <sup>4</sup> Advanced Algebra & Trigonometry (revised) <sup>4</sup> Statistics <sup>4</sup> Discrete Math with Probability <sup>4</sup> Pre-Calculus <sup>4</sup> Calculus (revised) <sup>4</sup>	Accounting, I, II, or III Applied Mathematics I, II Arithmetic, Business Math Computer Technology Math for Technology I Pre-Algebra, Competency Math Foundations I, II
<b>OR</b>	
<b>Mathematics - 3 units required</b> <b>Integrated Math Sequence</b>	
Courses Fulfilling Requirements	Courses Not Fulfilling Requirements
Integrated Math I, II, III	Same as above

<sup>1</sup> Applied Communication satisfies English III or English IV.

<sup>2</sup> Approved by the Dept. of Education effective Fall 1997.

<sup>3</sup> Formerly named Science 1-A.

<sup>4</sup> Approved by the Dept. of Education effective Fall 1999.

**Tennessee High School Courses Which Meet The University of Tennessee and Tennessee Board of Regents University Admissions Requirements (Continued)**

<b>UT/TBR Unit Requirements</b>	<b>High School Courses No Longer Offered BUT - Still Meeting Admission Requirements<sup>1</sup></b>
Mathematics	Math IV (1 unit) <sup>2</sup> Pre-Calculus (1/2 - 1 unit) <sup>2</sup> Probability & Statistics (1/2 credit) <sup>2</sup> Trigonometry (1/2 unit) <sup>2</sup> Unified Geometry (1 unit) <sup>2</sup>
Natural/Physical Sciences	Ecology and Conservation of Natural Resources <sup>3</sup> General Science <sup>4</sup>

<sup>1</sup> The course listed on this chart are those discontinued by the Department of Education for approved Tennessee high schools but may be used to satisfy UT/TBR admission requirements if completed prior to the date discontinued.

<sup>2</sup> A course offering through Summer 1999

<sup>3</sup> A course offering through Summer 1997

<sup>4</sup> A course offering through Summer 1993

### Appendix B: MEANS FOR REMOVING HIGH SCHOOL UNIT DEFICIENCIES

**IMPORTANT:** A unit deficiency is removed through a three or four semester hour course. In some cases, a deficiency may be removed by using combinations of courses carrying less than three semester hours of credit.\*\* Level of proficiency for removing the unit deficiency will be a grade of “A”, “B”, or “C.” Compensating courses are only applicable as elective credit and do not count toward the Liberal Arts core, major or minor requirements.

HIGH SCHOOL DEFICIENCY	COURSE(S) TO REMOVE DEFICIENCY	CREDIT
ALGEBRA 1	DSPM 0800***	3
ALGEBRA 2	DSPM 0850***	3
ADVANCED MATH/GEOMETRY	MATH 0990***	3
ENGLISH 4	DSPW 0800***	3
US HISTORY	HIST 2010*	3
	HIST 2020*	3
VISUAL/PERFORMING ART	ART 1030	3
	MUS 1030	3
	THEA 1030	3
FOREIGN LANGUAGE I	FREN 1010	4
	GERM 1010	4
	SPAN 1010**	4
	LATN 1010	4
	JAPN 1010	4
	GREK 1010	4
	FOREIGN LANGUAGE II	FREN 1020
	GERM 1020	4
	SPAN 1020**	4
	LATN 1020	4
	JAPN 1020	4
	GREK 1020	4

HIGH SCHOOL DEFICIENCY	COURSE(S) TO REMOVE DEFICIENCY	CREDIT
NATURAL/PHYSICAL SCIENCE	BIOL 1010/1020	4
	CHEM 1000	4
	CHEM 1010/1020	4
	GEOL 1040/1050	4
	PHYS 1010/1020	4
	PHYS 1200	4
SOCIAL STUDIES	ECON 2000	3
	ECON 2010	3
	FIN 1000	3
	GEOG 1010	3
	GEOG 1020	3
	GEOG 1030	3
	HIST 1210	3
	HIST 1220	3
	PSCI 2010	3
	PSCI 2040	3
	PSCI 2070	3
	PSY 1020	3
	PSY 1030	3
	SOC 2010	3
	SOC 2050	3

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

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The following are admissions policies for Austin Peay State University. These policies are in accordance with TBR Policy 2.03:00.00 and TBR Guideline No. A-015.

### GENERAL PROVISIONS

#### 1. Admission of non-Tennessee Residents

Applicants who are residents of states other than Tennessee are subject to the same admission requirements as in-state applicants.

#### 2. Residency Classification

##### A. Intent

It is the intent that the public institutions of higher education in the State of Tennessee shall apply uniform rules, as described in these regulations and not otherwise, in determining whether students shall be classified "in-state" or "out-of-state" for fees and tuition purposes and for admissions purposes.

##### B. Definitions

Wherever used in these regulations:

1. "Public Higher Education Institution" shall mean a university or community college supported by appropriations made by the Legislature of this State.
2. "Residence" shall mean continuous physical presence and maintenance of a dwelling place within this State, provided that absence from the State for short periods of time shall not affect the establishment of a residence.
3. "Domicile" shall mean a person's true, fixed, and permanent home and place of habitation; it is the place where he or she intends to remain and to which he or she expects to return when he or she leaves without intending to establish a new domicile elsewhere.
4. "Emancipated person" shall mean a person who has attained the age of eighteen years and whose parents have entirely surrendered the right to the care, custody, and earnings of such person and who no longer are under any legal obligation to support or maintain such deemed "emancipated person."
5. "Parent" shall mean a person's father or mother. If there is a non-parental guardian or legal custodian of an unemancipated person, then "parent" shall mean such guardian or legal custodian, provided, that there are not circumstances indicating that such guardianship or custodianship was created primarily for the purpose of confirming the status of an in-state student on such unemancipated person.
6. "Continuous enrollment" shall mean enrollment at a public higher educational institution or institutions of this State as a full-time student, as such term is defined by the governing body of said public higher educational institution or institutions, for a normal academic year or years or the appropriate portion or portions thereof since the beginning of the period for which continuous enrollment is claimed. Such person need not enroll in summer sessions or other such intersessions beyond the normal academic year in order that his or her enrollment be deemed continuous notwithstanding lapses in enrollment occasioned solely by the scheduling of the commencement and/or termination of the academic years, or appropriate portion thereof, of the public higher educational institutions in which such person enrolls.

##### C. Rules for Determination of Status

1. Every person having his or her domicile in this State shall be classified "in-state" for fee and tuition purposes and for admissions purpose.
2. Every person not having his or her domicile in this State shall be classified "out-of-state" for said purposes.
3. The domicile of an unemancipated person is that of his or her parent. Unemancipated students of divorced parents shall be classified "in-state" when one parent, regardless of custodial status, is domiciled in Tennessee.
4. The spouse of a student classified as "in-state" shall also be classified as "in-state".

##### D. Out-of-State Students Who Are Not Required to Pay Out-of-State Tuition

1. An unemancipated, currently enrolled student shall be reclassified out-of-state should his or her parents, having theretofore been domiciled in the State, remove from the State. However, such student shall not be required to pay out-of-state tuition so long as his or her enrollment at the public higher educational institution or institutions shall be continuous.
2. An unemancipated person whose parent is not domiciled in this State but is a member of the armed forces and station in this State or at Fort Campbell pursuant to military orders shall be classified out-of-state, but shall not be required to pay out-of-state tuition. Such a person, while in continuous attendance toward the degree for which he or she is currently enrolled, shall not be required to pay out-of-state tuition if his or her parent thereafter is transferred on military orders.
3. A person whose domicile is in a county of another state lying

immediately adjacent to Montgomery County or whose place of residence is within thirty (30) miles of Austin Peay State University shall be classified out-of-state but shall not be required to pay out-of-state tuition at Austin Peay State University, provided, however, that there is no teacher college or normal school within the non-resident's own state, of equal distance to said non-resident's bona fide place of residence.

4. Part-time students who are not domiciled in this State but who are employed full-time in the State, or who are stationed at Fort Campbell pursuant to military orders, shall be classified out-of-state but shall not be required to pay out-of-state tuition. This shall apply to part-time students who are employed in the State by more than one employer, resulting in the equivalent of full-time employment.
5. Military personnel and their spouses stationed in the State of Tennessee who would be classified out-of-state in accordance with other provisions of these regulations will be classified out-of-state but shall not be required to pay out-of-state tuition. This provision shall not apply to military personnel and their spouses who are stationed in this State primarily for educational purposes.
6. Dependent children who qualify and are selected to receive a scholarship under the Dependent Children Scholarship Act (TCA 49-4-704) because their parent is a law enforcement officer, fireman, or emergency medical service technician who is killed or totally and permanently disabled while performing duties within the scope of their employment shall not be required to pay out-of-state tuition.
7. Students who are selected to participate in the institution's Honors program. This waiver is dependent on availability of funds.
8. Students who are awarded tuition waiver scholarships for participation in bona fide campus performance-based programs, according to established guidelines, may not be required to pay out-of-state tuition. This waiver is dependent on availability of funds.
9. Active-duty military personnel who begin a degree program while stationed in Tennessee or Ft. Campbell, Kentucky and are deployed or transferred prior to completion of their degree program may continue to enroll in the Tennessee Institution and be classified as out-of-state residents, but shall be permitted to participate in Commission programs as if they were classified in-state residents. This classification remains in effect as long as he/she completes at least one (1) course for credit each twelve (12) month period after the transfer or deployment. Exceptions may be made in cases where the service member is deployed to an area of armed conflict for periods exceeding twelve (12) months.
10. Students who participate in a study abroad program, when the course or courses in the study abroad program is/are the only course(s) for which the student is registered during that term. This waiver is dependent on availability of funds.

##### E. Presumption

Unless the contrary appears from clear and convincing evidence, it shall be presumed that an emancipated person does not acquire domicile in this State while enrolled as a full-time student at any public or private higher educational institution in this State, as such status is defined by such institution.

##### F. Evidence to be Considered for Establishment of Domicile

If a person asserts that he or she has established domicile in this State, he or she has the burden of proving that he or she has done so. Such a person is entitled to provide to the public higher educational 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.

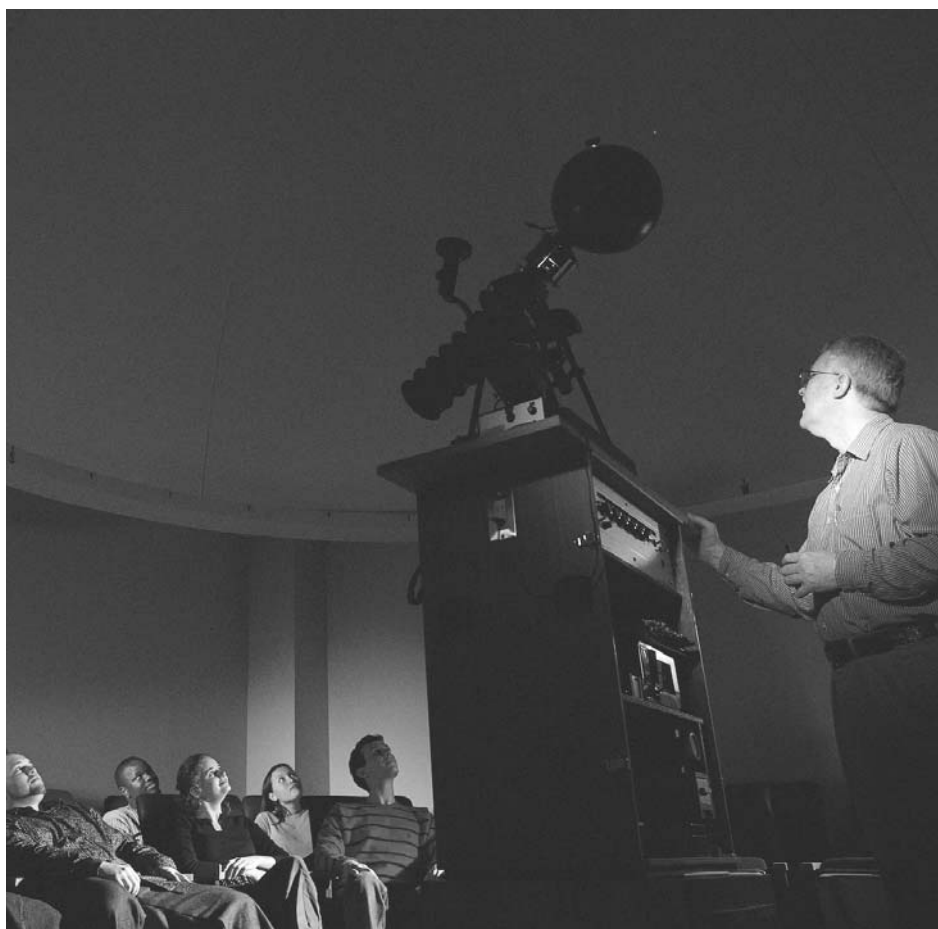
##### H. Effective Date for Reclassification

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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**University Home Page: [www.apsu.edu](http://www.apsu.edu)**

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B.F.A., William Carey College; M.L.I.S., University of Southern Mississippi.
- MAUREEN A. MCCARTHY (1994) . . . . . *Associate Professor of Psychology*  
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- RALPH HINES MCCOY (1977) . . . . . *Associate Professor of Biology*  
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- HENRY LEON MCQUEEN (1972) . . . *Chair of Mathematics and Computer Science and Professor of Mathematics*  
B.A., Harding College; M.A., M.S., Louisiana State University; Ph.D., University of Oklahoma;  
Institute for Retraining Instructors in Computer Science.
- REBECCA S. MCMAHAN (1979) . . . . . *Professor of Education*  
B.S., M.A., Austin Peay State University; Ed.D., George Peabody College.
- CYNTHIA H. MCWILLIAMS (2000) . . . . . *Assistant Professor of English*  
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- TOMMY C. MEADOWS (1977) . . . *Chair of Business Law, Economics, General Business and Decision Sciences;*  
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B.A., University of North Carolina-Asheville; M.S., Ph.D., Clemson University.
- DAVID KIRK MENSER (1992) . . . . . *Associate Professor of Mathematics*  
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B.B.A., The University of Memphis; M.P.A., University of Tennessee-Nashville; Ph.D.,  
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- MALCOLM MUIR (1977) . . . . . *Professor of History*  
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- CARROLL BRUCE MYERS (1970) . . . . . *Professor of Computer Science,*  
B.A., Berea College; M.A., Ph.D., University of Kentucky.
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B.S., Troy State University
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- KATHERINE E. ORR (2001) . . . . . *Associate Professor of Nursing*  
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 B.S. Rhodes College; Ph.D. Vanderbilt University.
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- MICKEY WADIA (1993) ..... *Associate Professor of English*  
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- DIXIE WEBB (1992) ..... *Associate Professor of Art*  
B.G.S., M.A., Ph.D., University of Kansas.
- STUART E. WERNER (2002) ..... *Assistant Professor of Military Science*  
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- DANIELLE WHITE (1977) ..... *Associate Professor of Nursing*  
B.S.N., M.S.N., The University of Evansville
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- ANDREW T. WILSON (1998) ..... *Assistant Professor of Mathematics*  
B.S., Murray State University; M.S., University of Tulsa.
- PATTI L. WILSON (2000) ..... *Assistant Professor of Psychology*  
B.A., Christian Brothers University; M.S., Ph.D., The University of Memphis.
- THOMAS HOWARD WINN (1972) ..... *Professor of History*  
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- TIMOTHY F. WINTERS (1997) ..... *Associate Professor of English*  
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- MARY LOU WITHERSPOON (1993) ..... *Associate Professor of Mathematics*  
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- JEFFREY NEAL WOOD (1984) ..... *Professor of Music*  
B.Mus., Oberlin College Conservatory of Music; M.A., M.Mus., Ph.D., State University  
of New York-Stony Brook.
- CHARLES B. WOODS (1992) ..... *Professor of Psychology*  
B.A., B.S., University of Wyoming; M.S., Ph.D., University of Florida.
- NANCI S. WOODS (1992) ..... *Professor of Psychology*  
B.S., Furman University; M.S., Ph.D., University of Florida.
- PEI XIONG-SKIBA (1993) ..... *Associate Professor of Physics*  
B.S., Fudan University (China); M.S., Southeastern Massachusetts University; Ph.D., Wesleyan University.
- STANLEY YATES (1994) ..... *Associate Professor of Music*  
G.D.M., Sandown College of Performing Arts (England); M.M., University of Liverpool;  
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B.S.N., Western Kentucky University; M.S.N., University of Evansville.
- WEIWU ZHANG (2000) ..... *Assistant Professor of Mass Communication*  
B.A., Nanjing Normal University; M.A.C.T.M., Cleveland State University; Ph.D., University of Wisconsin.
- GREGORY R. ZIEREN (1991) ..... *Associate Professor of History*  
B.A., University of Michigan; M.A., University of London; Ph.D., University of Delaware.

## EMERITUS ADMINISTRATION AND FACULTY

---

- Hugh Akerman, M.A., Associate Professor of History (1964-1992)
- Wynella Badgett, Ed.D., Dean, School of Nursing and Professor of Nursing (1988-1997)
- Johnnie Givens Barnes, A.M., Professor and Head Librarian (1946-1976)
- Thayer W. Beach, Ph.D., Professor of English (1968-1991)
- Eleanor Beiswenger, Ph.D., Professor of English (1977-1994)
- Hugo Beiswenger, Ph.D., Associate Professor of Psychology (1974-1981)
- Garland E. Blair, Ed.D., Professor of Psychology (1968-2000); Chair, Department of Psychology (1970-1980), (1997-1998)
- Harvey F. Blanck Jr., Ph.D., Professor of Chemistry (1964-1993)
- Charles N. Boehms, Ph.D., Professor of Biology (1957-1987); Vice President for Student Affairs (1968-1982)
- Billy Joe Brown, Ph.D., Professor of Health and Human Performance (1977-2000); Chair of Department of Health and Human Performance (1977-1993)
- Floyd L. Brown, M.S., Associate Professor of Biology (1957-1992)
- Olen L. Bryant, M.F.A., Professor of Art (1964-1991)
- J F Burney, Ph.D., CPA, Professor of Accounting (1959-1994); Chair, Department of Accounting (1968-1969); Dean, College of Business (1969-1984)
- Lewis B. Burton, M.A., Associate Professor of Art (1960-1982)
- John L. Butler, Ph.D., Professor of Biology (1996-2001); Director of Leadership Studies and President's Emerging Leaders Program (1996-2001); Vice President for Academic Affairs (1985-1996)
- Sandra Carter, M.A.Ed., Assistant Professor of Developmental Studies-Mathematics (1988-1999)
- Billy D. Cole, M.A.Ed., Assistant Professor of Biology (1960-1990)
- James X. Corgan, Ph.D., Professor of Geology (1968-1992); Chair, Department of Geology and Geography (1972-1991)
- Bryan Crutcher, Ed.D., Professor of Education (1960-1990)
- Ruth E. Dennis, Ph. D., Professor of Sociology (1985-1999); Director, Wilbur N. Daniel African American Cultural Center (1995-1996); Chair, Department of Political Science and Sociology (1997-1999)
- Don W. Der, Ph.D., Professor of English (1970-1991)
- Reece Elliott, Ph.D., Professor of Speech (1971-2000); Chair, Department of Speech, Communication and Theatre (1985-1989)
- William H. Ellis, Ph.D., Professor of Biology (1956-1999); Dean Emeritus (1994-1999); Director of Graduate Studies and Associate Dean of Faculty (1966-1968); Vice President for Academic Affairs (1968-1972); Director of Institutional Research (1972-1977); Dean, College of Graduate and Professional Programs (1977-1994)
- George D. Fisher, D.A., Professor of Health and Physical Education (1958-1989)
- Solie Fott, Ph.D., Professor of Music (1958-2000); Chair, Department of Music (1978-2000)
- Richard E. Gannaway, M.S., Associate Professor of Industrial Technology (1950-1985)
- Glenn S. Gentry, M.S., Professor, Business Administration (1947-1982); Chair, Department of Business Administration (1950-1968) Acting Director, School of Business and Economics (1968-1969); Dean of Admissions and Records (1969-1982)
- Janie S. Gentry, B.S. in L.S., Associate Professor and Acquisitions Librarian (1962-1982)
- Wendell H. Gilbert, M.A., Vice President for Development and University Relations (1981-1998)
- Malcolm Sanford Glass, M.A., Professor of English (1962-1999)
- Arthur A. Goldsmith, M. L., Associate Professor and Librarian (1970-1985)
- Willis H. Hackman, Ph.D., Professor of Music (1959-1991)
- Durward S. Harris, Ph.D., Professor of Chemistry (1962-1998); Chair, Department of Chemistry (1980-1985)
- James D. Hamilton, M.S., Professor of Agriculture and Chair, Department of Agriculture (1945-1980)
- Philancy E. Holder, Ph.D., Professor of Art (1971-1992)
- Preston J. Hubbard, Ph.D., Professor of History (1955-1988); Chair, Department of History and Philosophy (1979-1987)
- Joyce C. Kilpatrick, DBA, CPA, CMA, CIA, CFE, Professor of Accounting (1985-2000)
- Max Hochstetler, M.F.A., Professor of Art (1967-1999); Chair, Department of Art (1989-1993)
- Camille B. Holt, Ed.D., Professor of Education (1975-2002)
- Charles C. Holt, Ph.D., Professor of English (1967-1991)

- Lucy C. Howard, M.A., Associate Professor and Head Librarian (1936-1957)
- Paul Hsu, Ph.D., Professor of Sociology
- Aaron A. Hutcheson, Ph.D., Professor of Economics (1967-1997)
- Paul Hyatt, Ph.D., Professor of History (1949-1987)
- Edward Eugene Irwin, Ph.D., Professor of Languages and Literature (1962-1998)
- John Knight, Ph.D., Associate Professor of Finance (1978-1987)
- Gerda P. Ladd, B.C.S., Assistant Professor of Business (1938-1967)
- Donald B. Lambert, Ed.D., Professor of Education (1968-1993); Acting Chair (1979-1981); Chair, Department of Education (1981-1993)
- Rose Marie Lange, M.A., Associate Professor of Developmental Studies (1987-2001)
- James D. Lester, Ph.D., Professor of English (1970-2000)
- John D. Martin, Ed.D., Professor of Psychology (1966-1991)
- Melburn R. Mayfield, M.S., Professor of Physics (1957-1987); Chair of Department of Physics (1958-1970); Vice President for Development and Field Services (1972-1976); Executive Director of University Advancement (July-December 1976)
- Harry L. McLeod, Ph.D., Professor of Chemistry and Chair of the Department (1959-1982)
- Elnor W. McMahan, M.A. in L.S., Head of Library Cataloging and Professor (1968-1993)
- Jim Thomas McMinn, DBA, Professor of Economics (1977-1998)
- James D. Nixon, Ph.D., Professor of Sociology (1972-1992); Dean, College of Arts and Sciences (1976-1992)
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- George Rawlins, III, Ed.D., Professor of Education (1970-1998)
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- Dorothy F. Smith, M.A.Ed., Assistant Professor of Health and Physical Education (1962-1991)
- James T. Stack, M.A., Associate Professor of Mathematics (1954-1987)
- Wayne E. Stamper, Ph.D., Professor of Engineering Technology (1968-1997); Professor of Chemistry (1968-1997); Chair of the Department of Engineering Technology (1989-1994); Executive Assistant to the President (1983-1989); Coordinator of External Grants (1977-1982); Dean of the Graduate School (1968-1977)
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- Elizabeth H. Stokes, Ed.D., Professor of Psychology (1960-1987)
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- Benjamin P. Stone, Ph.D., Professor of Biology (1961-2001); Chair of Biology (1977-2001); Director of the Center for Field Biology-LBL (1986-2002)
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- Lewis C. Tatham, Jr., Ph.D., Professor of English (1966-1995); Chair, Department of Languages and Literature (1985-1995)
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