





---

## **ACCREDITATION, MEMBERSHIPS AND AFFILIATIONS**

---

Troy University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award the associate degree, the bachelorAS

---

**TABLE OF CONTENTS**

---

General Information .....	5
Student Services .....	9
Admissions .....	11
Academic Regulations.....	15
Tuition and Expenses .....	25
Financial Assistance .....	27
Degrees and Required Credit Hours.....	39
Program Availability Matrix .....	40
General Studies Program.....	43
Specialized Curricula.....	45
College of Arts and Sciences.....	51
Sorrell College of Business .....	69
College of Communication and Fine Arts .....	75
College of Education .....	81
College of Health and Human Services.....	89
Course Descriptions.....	99
Board of Trustees, Administration and Faculty.....	183
Appendices .....	197
Index.....	203

---

## UNIVERSITY MISSION STATEMENT

---

Troy University is a public institution comprised of a network of campuses throughout Alabama and worldwide. International in scope, Troy University provides a variety of educational programs at the undergraduate and graduate levels for a diverse student body in traditional, nontraditional, and emerging electronic formats. Academic programs are supported by a variety of student services

which promote the welfare of the individual student. Troy University's dedicated faculty and staff promote discovery and exploration of knowledge and its application to life-long success through effective teaching, service, creative partnerships, scholarship and research.

---

## WELCOME TO TROY UNIVERSITY

---

Troy University's history of teaching excellence dates to its founding in February 1887 as Troy Normal School. From the outset, the institution quickly earned a reputation for innovation and accessibility. Troy Normal became Troy State Teachers College in 1929, Troy State College in 1957, and Troy State University in 1967.

The Montgomery campus earned independent accreditation in 1983, as did the Dothan campus in 1985. The Phenix City campus and the locations around the nation and the world administered by University College have always operated under the accreditation of the Troy campus.

In 2005, the separately accredited campuses were merged into a single university structure forming Troy University. This name change represented the fifth major advancement in the storied, dynamic rise of the University to national and international prominence. Today, Troy University serves more than 27,000 students in Alabama and around the world.

The Troy University calendar may be found in each schedule of classes or at [www.troy.edu](http://www.troy.edu).

## **Academic Support**

---

Troy University offers students a variety of academic support services, including resources to assist students in areas such as technology, career planning, study skills, academic planning, and tutoring in selected subjects. Students at the Troy campus may also participate in the First-Year Studies Program geared to the needs of students making the transition to college from high school or post-high school experiences.

Students should contact the registrar or an academic adviser at their campus locations for more information about available resources.

## **Alumni Association**

---

The Troy University Alumni Association's sole purpose is to establish mutually beneficial relations between Troy University and its alumni. Alumni Affairs coordinates the activities of this association, promotes alumni services, and establishes scholarships. In addition, Alumni Affairs maintains and updates alumni records and broadens communication between alumni and the university. Through these activities and services, the university is able to respond to the needs of its constituents thus enabling alumni to respond to the needs of the university. Additional information regarding these activities and services can be obtained by calling Alumni Affairs at (334) 670-3318 or 1-877-487-6978.

## **Centers and Institutes**

---

### **Center for Applied Research**

The Center for Applied Research (CAR) conducts research for criminal justice agencies throughout Alabama. The CAR is an administrative part of the Department of Criminal Justice and was created in the fall of 1997. Activities include applied research in criminal justice, improvements in the classroom instruction in the social sciences, and publishing the Criminal Justice Journal. The Journal is practitioner based and provides a forum for discussion of important issues to the criminal justice field.

### **Center for Design, Technology and Innovation**

Better known as <<dti>>, the Center for Design, Technology and Innovation is a design think tank housed within the Department of Art and Design at Troy. Synthesizing an aggressive, multi-disciplinary design education with the varied visual communication demands of the global marketplace, <<dti>> is responsible for developing design strategies for qualifying businesses, industries and not-for-profit organizations.

### **Center for Environmental Research and Service**

The Center for Environmental Research and Service (CERS) delivers environmental research, education and service to citizens of the state of Alabama and the region as well as the university community. Through contractual and collaborative relationships with governmental agencies, nonprofit organizations, other institutions of higher education, busine

## 6 · GENERAL INFORMATION

### **Institute for Leadership Development**

The mission of the Institute for Leadership Development is to facilitate development of ethical, responsible leaders who are willing to use their leadership knowledge, skills, and attitudes to serve society.

The Department of Radio and Television also gives “hands on experience” to broadcast majors of the Hall School of Journalism and for other qualified students. TrojanVision is an educational access cable station received by viewers in central and south Alabama and Columbus, Ga. Students and staff produce regular news programs and a variety of musical programs, lectures, sports and community/university events for delayed airing. The department also helps faculty who teach video-based distance education courses by offering faculty a variety of delivery methods including the interactive videoconferencing network.

Information about programming on public radio and TrojanVision is available at [wtsu.troy.edu](http://wtsu.troy.edu).

### **Intercollegiate Athletics**

---

The Troy University Department of Intercollegiate Athletics is affiliated with the National Collegiate Athletic Association (NCAA) and competes at the Division I-A level. Troy sponsors nine women's sports and seven men's sports. The men's sponsored sports include baseball, basketball, cross country, football, golf, outdoor track & field, and tennis. The women's sponsored sports include basketball, cross country, golf, soccer, softball (fast-pitch), track & field (indoor and outdoor), tennis and volleyball.

Beginning in the fall of 2005, all Trojan sports compete in the Sun Belt Conference which includes 13 schools from Alabama, Arkansas, Colorado, Florida, Kentucky, Louisiana, Tennessee and Texas. In the fall of 2001, the football program successfully completed its first year in Division I-A as an independent with a 7-4 record. After earning the respect of national powers the University of Miami and the University of Nebraska, the Trojans shocked SEC powerhouse Mississippi State during its homecoming. Troy State exited Starkville, MS with a 21-9 victory. Since then, the Trojans have defeated nationally ranked Missouri and Marshall (twice). In 2006, the Trojans were named Sun Belt Conference champions and winners of the R+L Carriers New Orleans Bowl.

Similarly, the other 15 Trojan sports have enjoyed great suc-



## 8 · GENERAL INFORMATION

well as other aspects of the proposal development. In addition, OSP, in consultation with the principal investigator, can assist in negotiating the terms of funded awards.

In summary, Sponsored Programs serves as a facilitator to aid the principal investigator from project inception to closing of a

By publication of these STANDARDS OF CONDUCT, the university calls to the special attention of students and organizations the standards by which they are expected to abide. Students and organizations should be aware of the STANDARDS and should know they will be held accountable for their provisions.

**General**

All students enrolling in Troy University assume an obligation to conduct themselves at all times as responsible members of the campus community and in accordance with standards of common decency and decorum, with recognition and respect for the personal and property rights of others and the educational mission of the university.

**Authority for Rules and Regulations**

The Board of Trustees of Troy University is vested with the authority to promulgate rules and regulations regarding the conduct of students while enrolled at Troy University by Title 16-56-6, Code of Alabama, 1975. The university trustees have delegated full authority to the university administration to prepare and administer rules and regulations for the welfare and discipline of its

## 10 · STUDENT SERVICES

8. The unlawful possession, use, or distribution of alcoholic beverages, public drunkenness, driving under the influence, or the public display of alcoholic beverages and the use or display of such in public areas of the residence halls and all other public areas of the campus.
9. Participation in any form of gambling.
10. Use, possession, or distribution of firearms, bows, illegal knives, fireworks, any incendiary, or any type of explosive device or material. Only duly-constituted law enforcement officers may possess firearms on campus.
11. Disorderly conduct, including rioting, inciting to riot, assembling to riot, raiding, inciting to raid, and assembling to raid university properties.
12. Lewd, indecent, obscene behavior or expression.
13. Trespassing or unauthorized entry to or use of university facilities.
14. Unauthorized use or attempted use of any services belonging to or provided by the university, including but not limited to, computer, telephone, cable television, copying facilities, or any other such service.
15. Unauthorized possession of a key to any university facility.
16. Interference with the use of or access to university facilities, obstruction or disruption of teaching, research, administration, service, disciplinary procedures, or other activities on university property by either university or non-university person or groups.
17. Failure to promptly comply with directions of university officials or law enforcement officers acting in the performance of their duties as such officials and officers.
18. Entering false fire alarms, or bomb threats, tampering with fire extinguishers, alarms, or other safety or fire-fighting equipment.
19. Any activity which creates a mentally abusive, oppressive, or harmful situation for another is a violation. Use of the mail, telephone, computer and electronic messages, or any other means of communication to insult, threaten, or demean another is prohibited.
20. Conviction of any misdemeanor or felony that adversely affects the educational environment of the university.
21. Violation of any university policies or regulations as published or referred to in the Student Handbook, including, but not limited to, those governing the time, place and manner of public expression; the registration of student organizations; the use of university facilities; occupation and visitation of residence halls and other housing owned or controlled by the university; and the use and parking of motor vehicles on the campus.
22. Conduct in violation of public law, federal and state statutes, local ordinances, or university regulations or policies whether or not specified in detail, which adversely affects the student's suitability as a member of the academic community and regardless of whether such conduct has resulted in a conviction under a statute of ordinance.
23. Any other activity or conduct not specifically stated herein that impairs or endangers any person, property, or the educational environment of the university.

## ADMISSION REQUIREMENTS

Troy University seeks to admit students who possess the intellectual capacity, maturity, previous training, and motivation necessary for success in educational programs. Troy University welcomes applications from a variety of students including traditional college age students, adults who will combine their educational pursuits with work, or life-long learners who are simply seeking enrichment. Programs and courses are offered for full-time and part-time students, and are offered in a variety of formats and times including traditional day classes, night classes, and weekend classes. Programs or classes are also available online and through other alternative methods of educational delivery.

## 12 · ADMISSIONS

where they plan to attend. Transfer applicants must also submit transcripts from colleges where registration was completed, even though credit might not have been earned. Transfer applicants must have attempted a minimum of 24 hours of non-developmental coursework at another college or university to be admitted as a transfer student. A student may not be enrolled at another college or university and Troy University at the same time without prior approval of the Dean of Enrollment Management or the appropriate campus designee.

### **A. Unconditional Admission**

Transfer applicants will be granted unconditional admission if they are in good standing at the last college attended and if they have an overall GPA of 2.00 (4.00 scale) or better on all college/university work attempted. Technical and remedial/developmental work is not considered in determining grade point average. Applicants who have been suspended from another institution for any reason must be eligible to return to that institution before being considered for admission to Troy University.

### **B. Conditional Admission**

Conditional admission must be cleared at the campus/site where conditional admission is granted.

Transfer applicants with a GPA 1.70 to 1.99 may be admitted as a conditional student. Transfer students admitted under conditional status are limited to a maximum of 13 hours per semester (seven hours per accelerated semester) until 24 semester hours are attempted.

### **C. Unclassified**

Unclassified admission applies only to active duty military personnel or dependents of active duty military personnel. The status must be appealed to the Dean of Enrollment Management, or the appropriate campus designee, for unclassified admission status to Troy University.

To be designated an unclassified student, the military member/dependent must submit a valid military identification card at the time of application. Students attending under unclassified admission are not eligible for temporary admission and must submit all required documentation prior to completing the first semester (two accelerated semesters), or they will not be allowed to enroll in subsequent semesters or terms. No financial aid will be awarded by Troy University to students in this status.

The maximum load for an unclassified student is 13 credit hours (7 hours in an accelerated semester). In the event the final records indicate the student is not eligible for admission, the student shall be administratively withdrawn from all coursework for the semester/accelerated semester.

A student admitted under the unclassified admission status may move his or her academic program to any of the campuses of Troy University upon completion of one semester (two accelerated semesters) with a grade point average of 2.0 or better.

## **International Admission**

placed into the appropriate level of ESL classes or into academic classes based on the following cut scores: A score of 270 on the Listening, Reading and Grammar sections, with no individual score below 85, and a minimum score of 8 out of 12 on a writing test.

Students placed into advanced level ESL classes who earn a 3.0 GPA in ESL courses in their final term shall then meet the University's English language proficiency standard for admission. Students will take a final examination, which will count for 30% of the final grade, in each of the five ESL courses. Each final examination will be prepared by a committee made up of the Troy ESL faculty who teach the upper-level ESL courses.

Undergraduate "advanced-level" ESL students may bridge to undergraduate programs. Such students must take at least two ESL courses for the semester. Students who achieve a GPA of at least 2.0 in each non-ESL course and 3.0 or higher in ESL courses will be eligible to be fully admitted. Any "advanced-level" student not achieving admission during his or her first semester will be required to bridge a second semester.

ESL students must take the COMPASS examination in order to place in an English composition course, ENG 1100 or ENG 1101.

### **Admission for Students Graduating from Non-Accredited Institutions (including Home Schooled Students)**

---

Students attending institutions which are not regionally accredited may submit transcripts for review to determine admissibility. The regional accrediting agencies are as follows:

- Middle States Association of Colleges and Schools
- New England Association of Schools and Colleges
- North Central Association of Colleges and Schools
- Northwest Commission on Colleges and Universities
- Southern Association of Colleges and Schools
- Western Association of Schools and Colleges

Students graduating from home-school programs must comply with the same requirements as students graduating from traditional programs.

#### ***International Transcripts:***

The validity of international transcripts will be determined by the Office of International Admissions.

#### ***Provisional Credit:***

If a student meets regular admission standards and has earned college level courses at an unaccredited institution of higher learning, the student may be given provisional credit. However, the credits will not be considered for acceptance until the student has attended Troy University as a full-time student for two semesters and has met the grade point average necessary for good standing. Credits will be reviewed by the dean of the discipline and the Records Office. A determination will be made based on (1) the unaccredited institution's affiliation with the Commission on Recognition of Post Secondary Accreditation; and/or (2) acceptance of credit by at least three other accredited institutions located in the area of the unaccredited institution. Contact the dean of enrollment management or the University College site director for more information.

# ACADEMIC REGULATIONS

## **Academic Year**

---

Troy University operates on the semester system. Some courses are offered on an accelerated semester schedule/term.

## **Associate Degrees**

---

### **Course Requirements**



## 16 · ACADEMIC REGULATIONS

3. Earn an additional 30 semester hours (beyond the previously earned degree).
4. Earn a minimum of twelve semester hours (beyond the previously earned degree) in the major field.
5. File an Intent to Graduate form with the registrar as prescribed in the class schedule.
6. Meet all current requirements for the second or subsequent degree.

### **Class Section Cancellation**

---

The institution reserves the right to cancel any class section for insufficient enrollment.

### **Classification**

---

<i>Hours Earned</i>	<i>Classification</i>
Less than 30	Freshman
30-59	Sophomore
60-89	Junior
90 or more	Senior

### **College Credit Definitions**

---

#### **Regular Credits**

College credits are expressed as semester hours or credit hours.

#### **Laboratory Credits**

Two hours of laboratory work are usually accepted as the equivalent of one hour of regular class work. The actual number of hours will be determined in order to satisfy the course objectives.

#### **Credit by Examination**

Credit is allowed for CLEP, General and Subject Examinations 6 work. ee

**Important note regarding concurrent enrollment:** Within the beginning and ending dates of a fall or spring semester, concurrent enrollment in the semester and any terms may not exceed 18 hours. Enrollment in more than 18 hours requires a student to meet the University policy for an overload.

Concurrent enrollment in the summer semester and any terms may not exceed 13 hours. Enrollment in more than 13 hours requires a student to meet the University policy for an overload.

## **Drop**

---

A student who wishes to reduce, but not entirely eliminate, his or her credit load may drop a course. The following policies apply:

### ***Before the last day to drop a course without financial penalty***

Students who, for any reason, drop class(es) before the last day to drop a course without financial penalty begin must complete a drop form and submit it to the appropriate office before the semester or term begins or drop the class online via Trojan Web Express. Any student who fails to drop the class before the last day to drop a course without financial penalty will be responsible for payment of tuition and fees and will be assigned failing grades.

### ***After the last day to drop a course without academic penalty***

The Troy University calendar specifies a date in each semester or term that is the deadline to drop a course without academic penalty. See the Schedule of Classes for the exact date.

Prior to this deadline, students who drop must complete a drop form and submit it to the appropriate office. Students may qualify for partial refunds. (Contact the appropriate office for specific refund policy.) The grade DR will be entered on the student's records for each course dropped, and hours will not be calculated in the grade point average.

After this deadline, students who drop will be assigned the grade of DP (drop passing) or DF (drop failing).

- ◁ The DP will be assigned to students with documented reasons for dropping after the deadline for reasons beyond their control. An assignment of DP does not affect the grade point.
- ◁ The DF will be assigned to students without documented reasons for dropping after the deadline. Students who receive the DF will be charged with hours attempted, therefore affecting their overall grade point averages.

## **Grade Appeals**

---

Faculty members have the authority to grade student work and to assign grades; these are academic judgments. A faculty member's syllabus enumerates student academic performance expectations and consequences. Faculty members render academic judgments when a student's academic performance violates established standards or fails to meet stated expectations. Academic judgments, made by faculty, are based on academic content, course requirements, and student performance. Students may not appeal grades based on allegations concerning the competence of a faculty member, the fairness of examinations, the difficulty of a course, or other matters of a purely academic nature. Grades for individual assignments and exams may not be appealed. While it is recognized that faculty hold the right and responsibility to grant a grade, a student who receives a c

## **Grading System**

---

Note: Some grades, in addition to the F, calculate as an F in the grade point average.

Undergraduate honor students are awarded differentiated diplomas as follows:

Cum Laude: Grade point average of 3.40

Magna Cum Laude: Grade point average of 3.60

Summa Cum Laude: Grade point average of 3.80

## **Inclement Weather and Emergency Situations**

---

Both faculty and students are responsible for meeting all assigned classes. In the event of inclement weather, faculty and students will be expected to attend classes as usual as long as they may do so without risking peril to themselves or to others. During periods of inclement weather, faculty and students will not be penalized for absences dictated by perilous conditions. In severe cases of inclement weather or other emergency conditions, each campus will announce cancellation of classes through local and regional media as well as through the University's web site.

## **Incomplete Grade**

---

This incomplete grade policy replaces all other incomplete grade policies as of Aug. 1, 2006.

The instructor may report an Incomplete (grade of I) for a student whose progress in a course has been satisfactory (e.g. the student is passing the course), but who is unable to complete the course grading requirements because of documented circumstances beyond his/her control.

### **Time limit for removal of incomplete grade**

No incomplete may exceed nine weeks from the date it is assigned. It is the student's responsibility to contact the instructor regarding the deadline for completing all course requirements. Any student who receives a grade of incomplete must adhere to the work completion deadline set by the instructor, not to exceed the end of the designated ten week period. This deadline applies whether or not the student re-enrolls for the semester or term following the assignment of the incomplete grade(s). Failure to clear the incomplete within the specified time period (not to exceed ten weeks) will result in the assignment of a grade of F for the course.

For the purposes of implementation of this policy, the day the grade is assigned is determined by the University master calendar. A student who wishes to be assigned an incomplete grade must request this from the instructor prior to the assignment of final grades for the course.

## **Learning Contracts**

---

The Troy University Montgomery campus offers learning contracts only if approved by the college associate dean or dean and only if a course is not available by any other delivery option.

For more information, contact the appropriate dean or the Montgomery campus registrar.

## **Placement in Academic Courses**

---

A student may be placed in an advanced section of a given subject area if the student's record indicates a high degree of achievement or if it indicates the student has successfully completed studies that should not be duplicated. Troy University does

## **Honors and Awards**

---

### **Chancellor's Honor List**

Full-time undergraduate students who are registered for 12 semester hours and who earn a grade point average of 4.00 qualify for the Chancellor's List, which is published at the end of each term. A Troy University part-time student who earns a 4.00 grade point average on twelve consecutive semester hours of credit will also be named on the Chancellor's List.

### **Provost's Honor List**

Full-time undergraduate students who are registered for 12 semester hours and who have a grade point average of 3.65 or higher qualify for the Provost's List, which is published at the end of each term. A Troy University part-time student who averages 3.65 or higher on twelve consecutive semester hours of credit will also be named on the Provost's List.

### **Graduation with Honors**

To be eligible for graduation honors, students must have earned a minimum of 30 semester hours of non-pass/fail work at Troy University prior to their final registration. Honors will be computed based on the average of all hours attempted at Troy University and transfer credit, excluding any remedial courses. The last term of enrollment is NOT calculated towards graduation honors.

1. **Former Students in Good Standing:** Troy University students who have been out of college for one year or more must apply for readmission before they will be permitted to register. Any student attending the Troy campus who has not filed a Student Medical Record with the University Health Center within the last six months must submit a new Student Medical Record.
2. **Students Suspended from Troy University:** Students who have been suspended from Troy University must apply for readmission and may be readmitted under probation after serving suspension. However, students may appeal to the Provost for readmission under certain mitigating circumstances to avoid suspension. Appeal forms are available in the Registrar's Office.
3. **Troy University Transient Students:** Upon receipt of an official transcript, Troy University students who have attended another college as a transient may reenter the University via the readmission process if they had permission from Troy University to attend the other college as a transient and if their records there are clear. If permission is not secured before entering the other college, they will have to re-enter Troy University as transfer students. *See the index for additional information regarding transient status.*

endeavors, or achievement in specific skills. Prerequisite: Junior or senior standing, permission of guiding professor, approval of the department chair and dean. A written request must be submitted to the department chair at least two weeks in advance of the term in

## **Registration**

---

Students should register during designated registration times. Once students have registered for a course or courses, they have incurred a financial commitment which must be met. Students can pay their tuition on line by accessing the Trojan Web Express.

Students who fail to attend a class without following drop/withdrawal policies will receive a grade of FA, and those students will still be charged full tuition and fees. Students with an outstanding balance will not be permitted to register for future terms.

## **Registration in Special Programs**

---

### **1. Contract Program**

Entering students who do not find a stated program which meets their specific needs should consult the department chair to discuss the possibility of a contract program, which normally consists of at least 30 hours of a regular academic major and 30 hours of agreed upon electives which contribute to the student's program of study, not to exceed 77 semester hours. All General Studies requirements must be met. See the appropriate department chair.

### **2. Accelerated Study for Superior Students**

This opportunity permits enrollment in an accelerated or broadened program through registration for credit hours above the normal load. For specific credit loads permitted, see Credit Load.

### **3. Independent Study and Research**

This program consists of several special study and research courses.

Guided Independent Research, Guided Independent Study, and Honors Independent Study are offered in various departments.

*Guided Independent Research* (course numbers 4491 and 4492, one to three credit hours per course): Undergraduate research with attention to critical evaluation of research techniques, methods and procedures. Prerequisite: Junior or senior standing with a minimum overall GPA of 3.0, permission of guiding professor, approval of the department chair and dean. A written request must be submitted to the department chair at least two weeks in advance of the term the research is to be undertaken; application forms are available in University Records. Guided Independent Research may be taken only in the applicant's major or minor field.

*Guided Independent Study* (course numbers 4493 and 4494, one to three credit hours per course): Supervised study through internship, field or laboratory projects, guided readings, creative

## **Residency**

---

### **Residency Credits**

Effective Fall 2005, credit taken through any Troy University location will be counted towards residency credit for graduation. Students enrolled prior to fall 2005 should see their academic advisers concerning residency credit.

### **Residency Requirements**

A candidate for graduation must have attended Troy University for at least two semesters and must have earned at least 25% of the degree in residence. This may include the semester in which graduation is scheduled.

Any Troy University course for credit counts toward residency (excluding remedial courses and institutional credit AEG courses).

## **Retention**

---

### **Conditionally Admitted Students**

These students must earn a 2.0 or higher grade point average on the first 24 semester hours attempted or be dropped from program.

### **Unconditionally Admitted Students**

#### ***Probation***

A student must earn or maintain

---

## DSST (DANTES SUBJECT STANDARDIZED TEST) SCORES

---

Test Title and Number	Course	Credit Hours	Required Score
450 Principles of Statistics	QM 2241	3	48
470 Human / Cultural Geography	GEO 2210 or 3300	3	48
473 A History of the Vietnam War	History elective	3	50
474 Ethics in America with Essay	PHI 2204 or PHI elective	3	53
483 Civil War and Reconstruction	HIS 4413 or HIS elective	3	50
490 Lifespan Developmental Psychology	PSY 2210	3	46
494 General Anthropology	SOC 2200 or ANT 2200	3	47
496 Introduction to World Religions	REL 2280	3	50
497 Introduction to Law Enforcement	CJ 2221	3	50
498 Criminal Justice	CJ 1101	3	49
500 Astronomy	SCI 2235	3	48
512 Principles of Physical Science I	SCI 2233	3	50
519 Physical Geology	SCI 2234 or free elective	3	54
525 Principles of Financial Accounting	ACT 2291	3	49
530 Human Resource Management	MGT 3375	3	48
531 Organizational Behavior	MGT 4472	3	48
543 Introduction to Business	BAN 1101	3	48
548 Money and Banking	ECO 3353	3	48
562 Fundamentals of Counseling	PSY 4402	3	50

**Application of DANTES credit**

DANTES credit cannot be awarded for any courses for which credit has already been awarded.

**Test availability**

Tests on this list may not always be available. The listing changes frequently.

**Required Score**

Students must meet the required score in effect as of the date of the exam.

---

## CLEP EXAMINATIONS

---

Troy University accepts a variety of CLEP exams. For more information, please contact the appropriate registrar.

Clep Exam Title	Troy University Course(s)	Credit Hours	Required Score
American Government	POL 2241	3	50
American Literature	ENG 2211 and 2212	6	50
Calculus	MTH 1125	4	50
Chemistry	CHM 1142/L142 and 1143/L143	8	50
College Algebra	MTH 1112	3	50
English Composition with Essay	ENG 1101 and 1102	6	50
French Language, Level 1	FRN 1101 and 1102	6	50
German Language, Level	GER 1121 and 1122	6	50
History of the United States I	HIS 1111	3	50
History of the United States II	HIS 1112	3	50
Humanities — General	ART 1133; MUS 1131; and literature course	7	50
Information Systems and Computer Applications	IS 2241	3	50
Introductory Macroeconomics	ECO 2251	3	50
Introductory Microeconomics	ECO 2252	3	50
Introductory Psychology	PSY 2200	3	50
Introductory Sociology	SOC 2275	3	50
Natural Sciences — General	BIO 1100/L100 and SCI 2233/L233	8	50
Pre-Calculus	MTH 1114 or 1115	3	50
Principles of Accounting	ACT 2291 and 2292	6	50
Principles of Management	MGT 3371	3	50
Principles of Marketing	MKT 3361	3	50
Social Science — General	General studies social science elective and unspecified elective	6	50
Spanish Language, Level 1	SPN 1141 and 1142	6	50
Western Civilization I	HIS 1101	3	50
Western Civilization II	HIS 1102	3	50

**Application of CLEP credit**

CLEP credit cannot be awarded for any courses for which credit has already been awarded.

**Required Score**

Students must meet the required score in effect as of the date of the exam.





---

**INTERNATIONAL BACCALAUREATE (IB) CREDIT**

---

### **Payment of Registration Expenses**

The payment of charges for tuition, fees, room, and board is part of the registration process. Troy University encourages full payment of all tuition and related fees by the last day of the regular registration period for the current semester or term. Payment of fees may be made on-line using Trojan Web Express or at the office of the Student Financial Services. Troy University accepts Visa, MasterCard, Discover, American Express, e-checks, money orders, checks, and cash.

### **Payment Plan**

Troy University offers a tuition and fees payment plan which helps in budgeting college costs but requires financial planning by students and their families.

Students are required to pay all previous term balances and one-third of all semester charges by the last day of regular registration for the current semester or term in order for registration to be complete. Students with an account balance after the first payment due date will be assessed a \$25.00 payment plan fee. To meet the one-third requirement, students may apply the following:

Awarded institutional scholarship

Awarded financial aid

Payment by cash, check, money order, or credit card

The remaining semester balance may be paid in two installments. Failure to pay the entire balance of tuition and fees by the third payment date will result in a late fee of \$50.00. Also, failure to satisfy financial obligations to the University will result in having a restriction placed on future class registrations, possibly having the account assigned to a collection agency, and non-release of transcripts. *The essential ingredient for a successful registration is for students to plan early.*

### **Payment of Account Summary**

At least one third of all tuition, fees, and charges are

For this option, the student will need to complete, print and mail the third party form to the designated address. The third party form is available on [www.TrojanOneCard.com](http://www.TrojanOneCard.com).

**Mailed, as a paper check, to the address designated by the student (5-7 business days from the day Higher One receives the refund transmission from Troy University)**

A student may choose to receive his or her refund in the form of a paper check. The paper check will be sent to the student via regular mail and may take five to seven business days from the day the University releases the funds.

Regardless of how students choose to receive their funds, they need to activate their Trojan OneCards. Students are required to activate their Trojan OneCards and make refund selections online at [www.TrojanOneCard.com](http://www.TrojanOneCard.com).

### **Funds Held**

---

Troy University acts as an agent holding miscellaneous scholarship funds from donors to be applied to the accounts of students. All transactions relating to a funds-held account must take place at the office of Student Financial Services.

### **Drops, Withdrawals and Refunds**

---

*See the index for additional information regarding drop and withdrawal.*

**Course Drops — Contact the Registrar for drop/add procedures.**

*Administrative Drops:* The Provost or his/her designee will determine whether an administrative drop/add is appropriate. No administrative drop/add will be processed without the signature of the Provost or his/her designee. Requests for administrative drops will be handled on a case-by-case basis.

*Non-administrative Drops:* Student charges are not reduced for non-administrative drops. A drop fee will be charged for non-administrative course drops.

**Withdrawal — Contact the Registrar for withdrawal procedures.**

Official withdrawal will result in 100% refund of charges for tuition, laboratory feeses-ral wil a-0.0011ay feesl wil a-0.33 TDs11ay frei3 TDs11 -1 and m0.00oaj

Troy University is particularly proud of its financial aid programs. The University attempts to provide financial assistance to the maximum number of students possible. We recognize that in many instances students and/or parents are simply not able to meet the entire cost of a college education; consequently, the university participates in a variety of financial aid programs. The programs are comprehensive in nature and range from scholarships to work study.

Approximately 70 percent of our students receive some form of financial assistance. Students are expected to be prepared with sufficient funds for maintenance, books and supplies for at least two weeks. Credit balance refunds are not issued until after the second week of classes.

## **Philosophy**

---

It has been recognized that the cost of attending institutions of post-secondary education is greater than many families can handle alone. It is the philosophy of the financial aid office that no one should be denied a post-secondary education due to a lack of funds. Although it is primarily the responsibility of the student and/or family to pay college costs, this is not always possible. In such cases, the student should apply for financial aid to supplement family resources.

Parents/students should compare their award letters to our published Cost of Attendance (COA) to determine if sufficient funds are available for 100% of tuition, fees, room, board, books and supplies.

## **How to Apply**

---

Go to FAFSA on the Web at [www.fafsa.ed.gov](http://www.fafsa.ed.gov) to apply for financial aid.

Be sure you are applying for the correct year using school code 001047.

Just fill in the blanks when prompted.

Errors are reduced because your answers are checked as you enter them.

Your application reaches the federal processor immediately.

Apply for a U.S. Department of Education Personal Identification Number (PIN) at [www.pin.ed.gov](http://www.pin.ed.gov).

Be sure to complete the Troy University Certification Form for the same year as each FAFSA you complete.

Download and complete all required forms at [www.troy.edu/financialaid](http://www.troy.edu/financialaid).

All students must fill out the Free Application for Federal Student Aid (FAFSA) annually for the academic year covering their enrollment periods. Financial aid is NEVER renewed automatically.

## **Priority Dates**

---

The FAFSA should be completed as soon after January 1 as possible for the approaching fall to be considered for all types of aid. January through April is the ideal completion period in order to have your funding available at the beginning of the fall semester. March 1st is our priority date - the date by which we would prefer you to have applied. Funds are awarded for the nine month (fall/spring) academic year - you are expected to save for summer enrollment from your fall/spring award. If you have any funds

unused, these may be awarded for summer and a Summer Form should be completed (available from the web site).

If your FAFSA information is received prior to May and your file is complete in May, your funds (assuming you complete the MPN with your lender, if required) should be ready to be placed on your account at the end of free/drop add.

Work study funding is first come first serve. Money is not saved for students who have worked previously. The same is true for most other funding except for the Pell Grant and Stafford Loans.

## **Financial Aid Disbursement**

---

The transmittal of financial aid will be made on the day after the drop/add period. Students will be able to receive refund checks no later than twelve (12) days after the start of classes for the term.

## **Additional Information**

---

Students enrolling less than full time will have thtim u.7(y)-you cfd comcom

receiving a job. Work-study awards are based on the availability of funds at Troy University.

**Federal Perkins Loan Program**

The Perkins Loan program provides low-interest loans to help undergraduate and graduate students with exceptional financial

## **TROY UNIVERSITY FOUNDATION**

**Dr. George Robert Boyd and Mrs. Lucille King Boyd Debate Scholarship** was established by Dr. and Mrs. George Robert Boyd and family to provide assistance to a full-time student who makes an outstanding contribution to the university's debating activities. Dr. Boyd served as academic dean at TSU. Applications should be directed to the director of debate activities

**May Shanks Brantley Scholarship** was established by Mildred Irene Brantley Richardson in honor and memory of May Shanks Brantley, a life long resident of Pike County, Alabama. The award is presented to a deserving full-time student who is a resident of Alabama. Priority consideration is to be given to a student who has a high school GPA between 2.0 and 2.7.

**Claude Allen Brown Scholarship** was established by Shelby Brown and Richard Allen Brown for the purpose of providing a scholarship for pre-engineering students in the College of Arts and Sciences. The scholarship is named in honor and memory of Claude Allen Brown in recognition of his support for Troy State University and his interest in education. First priority for the award of this scholarship will be given to graduates of Charles Henderson High School and then to graduates from a high school located in Pike County.

**Bertie Clark Cain and Veta Ross Tootle Scholarship** was established by Lee C. Cain and Martha Tootle Cain. The purpose of the scholarship is to assist full-time students pursuing majors in nursing or education.

**Woodrow and Dessie Carter Scholarship** was established by Mr. and Mrs. Stuart Arn. The purpose of the scholarship is to assist full-time students pursuing majors in the College of Business.

**Dr. Jesse Hall Colley Memorial Scholarship** was established in Dr. Colley's memory by his family and friends. Dr. Colley served as university physician for many years and also assisted as team physician for the department of athletics. This scholarship provides financial assistance to an outstanding senior track athlete. Applications should be directed to the director of athletics.

**Dacre Green Davis, Jr. Memorial Scholarship in Environmental Science** was endowed in his memory through memorial gifts from friends and family. Mr. Davis was a native of Troy, a career Marine, and a highly decorated combat veteran of the Vietnam War. On retiring from the Marine Corps, Mr. Davis served his city as director of the public works department. He was recognized nationally for his contributions to environmental quality. The scholarship is awarded to students in the environmental science program. The criteria are academic achievement and a commitment to a career in an environmental field.

**Mildred Brown Davis Endowed Scholarship** was established in her memory by her daughter. Ms. Davis was a 1903 graduate of TSU. This scholarship is awarded on the basis of financial need, academic achievement and demonstrated leadership potential. The award of TSStia2.082083 Tr07ic ached 62 -1.290.86(Thgach)8.jsicor()-6.7,o an





**Sumter Hilman Majors Jr. Memorial Scholarship**

Applications should be directed to the director of the School of Music.

**Alfred L. Shell Endowed Scholarship** is awarded to graduates of Excel High School in Monroe County, Alabama, who are attending Troy University. Recipients must demonstrate financial need, be of good character, be recommended by a high school faculty member, and have obtained unconditional admission to Troy University. The scholarship was endowed by Charles K. Green, a successful business man who graduated from Excel High School and TSU (Class of 1966).

**Blanche Reynolds Solomon Perpetual Memorial Scholarship** was established by Mr. R.E. Solomon in memory of his beloved wife, an alumna of TSU. This scholarship is awarded on the basis of financial need and academic achievement. Preference is given in the following order: Headland High School graduates, Henry County school graduates, south Alabama high school graduates.

**Patricia Starck Endowed Scholarship** was established through the generosity of Jim Bockman, an alumnus of the university, member of the Foundation board of directors, and the university's Alumnus of the Year in the business category in 1991. This scholarship is awarded to a student enrolled in the School of Nursing. Applications should be directed to the director of the School of Nursing.

**State Farm Endowed Scholarship** was established to assist students majoring in risk management and insurance. The recipient must maintain a 3.0 GPA. For information on applying, contact the Department of Risk Management & Insurance.

**Elton B. Stephens Sales & Sales Management & Marketing Scholarship** was established through Mr. Stephen's generosity. Mr. Stephens is president of EBSCO industries and was named the Outstanding Alabama Philanthropist in 1985. This scholarship is awarded to students in financial need and who are pursuing a degree in marketing. Applications should be directed to the dean of the Sorrell College of Business.

**Cathy Lynn Stewart Scholarship** was established by Congressman William L. Dickinson in memory of Cathy, a 1979 graduate of TSU and a member of Congressman Dickinson's staff. This scholarship is awarded to a student whose studies are in the field of political science.

**Brian Stroud Perpetual Memorial Scholarship** was established in his memory by his family and friends. This scholarship is awarded to a student from Goshen High School on the basis of financial need and academic achievement.

**A.W. and Florence Tate Scholarship** was endowed by Mrs. Claire Tate Ware in loving memory of her parents. This scholarship is awarded to a student who is a graduate of a Dale County High School, has financial need, and has shown academic achievement.

**Frances Sanders Tidwell Scholarship** was established by Frances Sanders Tidwell. The purpose of the scholarship is to assist full-time students who are natives of Pike County, Alabama, and who are pursuing majors in education or English. However, other majors may be considered if it is determined that there are no eligible applicants pursuing majors in education or English.

**G. Frank Smyth Endowed Scholarship** was established by a gift from Riviera Utilities to honor G. Frank Smyth, a member of the Board of Directors for 40 years and a former student of Troy

University. The scholarship will provide assistance to full-time students with their educational expenses, who reside in Baldwin County, and whose immediate family receives service from Riviera Utilities.

**Leola Sanders Alexander Scholarship**

financial need. Contact the Dothan Campus Financial Aid Office for information on applying.

**Taylor Girl Scholarship** was established by Jay and Nicey Eller. The purpose of the scholarship is to assist a graduate student majoring in the field of education. The applicant is to have a grade point average of at least 3.25, be currently teaching, working full-time, and supporting a family. The applicant must submit a short essay on "Why the applicant is deserving of the scholarship." Preference is given to students attending the Phenix City campus. Contact the Office of Student Services at 260-260-1234.

Tfcsist i(Shenix 13 y)-6.9( J)9(y c0.01003 Tc0.003 Tw format(was l(at )y)-6.9(

## 36 · FINANCIAL ASSISTANCE

presented each spring term to a senior who shows exceptional potential as a future teacher of the social sciences.

**Bernard E. Williams Award** was established by Mr. and Mrs. Frank B. (Red) Williams in honor of Mr. Williams' father who had a great love for the English language and literature. An award is presented each year to an outstanding graduating senior who majored in English.

### **PRIZES (Current)**





## **Degrees**

---

Requirements for graduation with the following degrees are shown in this catalog:

Associate of Arts

Associate of Science

Associate of Science in Nursing



---

## PROGRAM AVAILABILITY MATRIX

---

*For additional information, consult the registrar or your academic adviser.*

*Locations: Dothan, Montgomery (Mtg.), Phenix City, Troy, University College (Univ. College)*

<b>PROGRAM</b>	<b>Dothan</b>	<b>Mtgy</b>	<b>Phenix City</b>	<b>Troy</b>	<b>Univ. College</b>
<<dti>> Design, Technology and Innovation Program				X	
Accounting Major	X	X	X	X	X
Aerospace Studies Minor		X		X	
Anthropology Minor				X	
Archival Studies Minor	X				
Art Education				X	
Art Major				X	
Art Minor				X	
Art, Bachelor of Fine Arts in Studio				X	
Athletic Training Education Program Major				X	
Biology Education	X			X	
Biology Major	X			X	
Biology Minor	X			X	
Biology Program				X	
Biology, Preprofessional Major	X				
Broadcast Journalism Major				X	
Broadcast Journalism Minor				X	
Business Administration Minor	X	X	X	X	X
Business, Associate of Science		X			X
Chemistry Education	X			X	
Chemistry Major	X			X	
Chemistry Minor	X			X	
Chemistry Program				X	
Classics Minor				X	
Collaborative Teacher ( Grades K-6)	X			X	
Communication Arts Major (Tracks in Communication Studies and Theatre)				X	
Comprehensive General Science Program	X			X	
Computer Science Minor	X	X		X	X
Computer Science Program		X		X	X
Computer Science, Applied Major	X			X	X
Computer Science, Associate of Science	X	X			X
Criminal Justice Major	X			X	X
Criminal Justice Minor	X			X	X
Dance Minor				X	
Early Childhood Education ( Grades P-3)	X				
Earth and Space Studies Minor	X				
Elementary Education ( Grades K-6)	X		X	X	
English Major	X	X		X	
English Minor	X	X		X	
English Minor, creative writing emphasis				X	
English Minor, professional writing emphasis		X			

**PROGRAM**

**Dothan Mtgy Phenix City Troy Univ.**

42 · DEGREES AND REQUIRED CREDIT HOURS

<b>PROGRAM</b>	<b>Dothan</b>	<b>Mtgy</b>	<b>Phenix City</b>	<b>Troy</b>	<b>Univ. College</b>
Psychology Comprehensive Program				X	
Psychology Major	X	X	X	X	X
Psychology Minor	X	X	X	X	X
Recreation Minor				X	
Rehabilitation Program				X	
Resources and Technology Management, B.A.S. in	X	X			X
Risk Management and Insurance Major				X	
Secondary Education (Grades 6-12)	X			X	
Social Science Education	X			X	X
Social Science Major	X	X		X	X
Social Science Minor: General Social Science	X	X		X	X
Social Science Minor: Leadership				X	
Social Work Program				X	
Sociology Major	X				
Sociology Minor	X	X			X
Spanish Minor				X	
Speech Communication Minor				X	
Sport and Fitness Management Major				X	X
Theatre Minor				X	

## GENERAL STUDIES PROGRAM

A major portion of a student's first- and second-year studies is a common curriculum of courses called the General Studies Program. The General Studies Program is designed to provide a fundamental basis for lifelong learning and advanced studies. General studies courses may not be used in meeting requirements for both the General Studies Program and the requirements for a major or minor. Students should complete at least 36 hours of the General Studies Program before registering as a junior.

Requirements for the General Studies Program may change without notice. For transfer guides and complete information regarding the Statewide Transfer and Articulation Reporting System (STARS) and the Alabama Articulation and General Studies Committee (AGSC), please visit <http://stars.troy.edu>.

### SPECIALIZED GENERAL STUDIES REQUIREMENTS

Some programs, majors or minors may have specialized general studies requirements. Consult the descriptions of these programs in this catalog for information about specialized general studies requirements or placement in courses other than those described below.

#### Area I (6 hours)

---

*A minimum grade of C is required in ENG 1101 and 1102.*

ENG	1101	(3)	Composition and Modern English I, or placement in ENG 1103 Honors English Composition I
ENG	1102	(3)	Composition and Modern English II, or placement in ENG 1104 Honors English Composition II

#### Area II (13 hours)

---

*Students must complete a six hour sequence in world/British/American literature or U.S. history/western civilization/world history.*

*A total of six hours selected from Area II and/or Area IV must be international in scope. International courses are designated with an asterisk.*

*Specialized courses in ethics (business ethics, bioethics) may fill a general studies requirement provided the course does not simultaneously fill a major's requirement and the student has satisfied the course prerequisites.*

COM	2241	(3)	Fundamentals of Speech, or placement in COM 2243 Honors Fundamentals of Speech
-----	------	-----	--

*Select four semester hours from the following:*

ART	1133*	(2)	Visual Arts, or placement in ART 1134* Honors Visual Arts
DRA	2200	(2)	Introduction to Drama
MUS	1131*	(2)	Music Appreciation, or placement in MUS 1132* Honors Music Appreciation

*Select three semester hours from the following:*

ENG	2205*	(3)	World Literature before 1660, or placement in ENG 2207* Honors World Literature before 1660
ENG	2206*	(3)	World Literature after 1660, or placement in ENG 2208* Honors World Literature after 1660
ENG	2211	(3)	American Literature before 1875
ENG	2212	(3)	American Literature after 1875
ENG	2244	(3)	British Literature before 1785
ENG	2245	(3)	British Literature after 1785

*Select three semester hours from the following:*

CLA	2260*	(3)	Classical Mythology
ENG	2205*	(3)	World Literature before 1660, or placement in ENG 2207* Honors World Literature before 1660
ENG	2206*	(3)	World Literature after 1660, or placement in ENG 2208* Honors World Literature after 1660
ENG	2211	(3)	American Literature before 1875
ENG	2212	(3)	American Literature after 1875
ENG	2244	(3)	British Literature before 1785
ENG	2245	(3)	British Literature after 1785
FRN	1101*	(3)	Introductory French I, or placement in FRN 1102*, 2201* or 2202*
GER	1121*	(3)	Introductory German I, or placement in GER 1122*, 2221* or 2222*
GRK	1111*	(3)	Introductory Greek I, or placement in GRK 1112*
IDS	2200	(3)	Crossroads: Sophomore Interdisciplinary Seminar in Creative Thinking
LAT	1131*	(3)	Introductory Latin I, or placement in LAT 1132*, 2231* or 2232*
PHI	2203	(3)	Introduction to Philosophy
PHI	2204	(3)	Ethics and the Modern World
REL	2280*	(3)	World Religions
SPN	1141*	(3)	Introductory Spanish I, or placement in SPN 1142*, 2241* or 2242*

**Area III (11 hours)**

---

*Four hours of advanced biology (course with lab) may satisfy the following biology requirement, so long as the course does not simultaneously fill a major's requirement and the student has satisfied the course prerequisites.*

BIO	1100	(3)	Principles of Biology
BIO	L100	(1)	Principles of Biology Lab

*A minimum grade of C is required in mathematics. A higher level mathematics course may be required. Consult the listing of specialized general studies requirements for your major.*

MTH	1110	(3)	Finite Math
-----	------	-----	-------------

*Select a four hour course/lab combination from the following:*

CHM	1142	(3)	General Chemistry I
CHM	L142	(1)	General Chemistry I Lab
PHY	2252	(3)	General Physics I
PHY	L252	(1)	General Physics I Lab
SCI	2233	(3)	Physical Science
SCI	L233	(1)	Physical Science Lab
SCI	2234	(3)	Earth and Space Science
SCI	L234	(1)	Earth and Space Science Lab

**AREA IV (12 hours)**

---

*Students must complete a six hour sequence in world/British/American literature or U.S. history/western civilization/world history.*

*A total of six hours selected from Area II and/or Area IV must be international in scope. International courses are designated with an asterisk.*

*Select three hours from the following:*

HIS	1101	(3)	Western Civilization I, or placement in HIS 1103 Honors Western Civilization I
HIS	1102	(3)	Western Civilization II, or placement in HIS 1104 Honors Western Civilization II
HIS	1111	(3)	U.S. to 1877, or placement in HIS 1113 Honors U.S. to 1877
HIS	1112	(3)	U.S. since 1877, or placement in HIS 1114 Honors U.S. since 1877
HIS	1122*	(3)	World History to 1500
HIS	1123*	(3)	World History from 1500

*Select nine hours from the following:*

ANT	2200*	(3)	Anthropology
ECO	2251*	(3)	Principles of Macroeconomics
ECO	2252*	(3)	Principles of Microeconomics
GEO	2210*	(3)	World Regional Geography
HIS	1101	(3)	Western Civilization I, or placement in HIS 1103 Honors Western Civilization I
HIS	1102	(3)	Western Civilization II, or placement in HIS 1104 Honors Western Civilization II
HIS	1111	(3)	U.S. to 1877, or placement in HIS 1113 Honors U.S. to 1877
HIS	1112	(3)	U.S. since 1877, or placement in HIS 1114 Honors U.S. since 1877
HIS	1122*	(3)	World History to 1500
HIS	1123*	(3)	World History from 1500
IDS	2200	(3)	Crossroads: Sophomore Interdisciplinary Seminar in Creative Thinking
POL	2260*	(3)	World Politics
POL	2241	(3)	American National Government, or placement in POL 2240 Honors American National Govt.
PSY	2200	(3)	General Psychology, or placement in PSY 2201 Honors General Psychology
PSY	2210	(3)	Developmental Psychology
SOC	2275	(3)	Introduction to Sociology

**Area V (18-22 hours)**

---

IS	2241	(3)	Computer Concepts and Applications
TROY	1101	(1)	University Orientation

*Select an additional 14-18 hours of requirements specified by this 6*

The University Honors Program, open to students in all undergraduate divisions of the university, is administered by the Honors Council and the director of university honors. Minimum

---

**ENGLISH AS A SECOND LANGUAGE COURSES**

---

Troy University's English as a Second Language program offers intensive English language instruction for non-native speakers. This program addresses the needs of students who plan to pursue further university study in the United States or who wish to sharpen their language skills for personal or professional reasons. In addition to improving listening, speaking, reading, and writing ability, ESL classes also increase students' understanding of American culture and university life. Level I - IV courses are offered for institutional credit; up to six credits of level V - VI courses can be used to fulfill the free elective course requirement towards an undergraduate degree.

The ESL program is available on the Troy campus and at the University College site in Atlanta. For more information, see the Academic Regulations section of this bulletin. For information about the terms of instruction, contact the Center for International Programs at 334-670-3335.

**ENGLISH AS A SECOND LANGUAGE COURSES**





**1109 Speaking V *For high-intermediate students.***  
Increases vocabulary and fluency through discussions, debates, and presentations. A comprehensive pronunciation program on CD and cassette leads students through a review of the English sound system as well as a detailed study of the finer points of pronunciation, such as rhythm, pitch, and phrasing. Class presentations are more formal and more academic and require research and other preparation. Lab requirement: one hour per week.

**1110 Speaking VI *For advanced students.***  
Centered on the oral presentation, this course moves through the entire process of giving an oral presentation from choosing a topic to organizing and delivering a speech. Speech is closely monitored for lingering irregularities, with individual remedial lab work assigned as needed. Lab requirement: one hour per week.

---

### TOEFL COURSES

---

**0073 Guided Independent TOEFL Preparation *Advanced level.***  
Supervised independent study using textbooks, tapes, and software. Includes intensive practice in listening, grammar, and reading as well as coaching in test-taking strategies.

**0088 TOEFL Preparation I *Intermediate level.***  
Covers strategies and skills necessary for the TOEFL exam. Provides listening, structure, reading, and writing skills practice at an intermediate level. Students learn test-taking strategies, take and analyze practice exams, and work to increase vocabulary in order to prepare for the TOEFL test. Independent CD-29 Tw(g)lnep TD1.7(eioahan or)7(al sa TDa Tf13 TD( )Tj0 -1.48 TDrs str-1.i)-.dt.e 5ents. athC.033(O)-54F

Covers strategies and skills necessary for the TOEFL exam. Provides listening, structure, reading, and writing skills practice at an intermediate level. Students learn test-taking strategies, take and analyze practice exams, and work to increase vocabulary in order to prepare for the TOEFL test. Independent CD-29 Tw(g)lnep TD1.7(eioahan or)7(al sa TDa Tf13 TD( )Tj0 -1.48 TDrs str-1.i)-.dt.e 5ents. athC.033(O)-54F

Through these programs the university offers associate and baccalaureate degrees especially designed for individuals with skills and understanding obtained from accredited post secondary technical schools, community colleges, military schools and non-traditional sources. These programs require residence study (main campus or branch locations). Selected courses are offered through distance learning.

The applied science degrees were initiated after several years of study that involved faculty members, outside consultants and conferences with staff members of the Commission on Colleges, Southern Association of Colleges and Schools. The unique feature of these degree programs is that credit may be awarded for completion of technical courses and/or learning acquired through experience. In assessment and recognition of experiential and other non-traditional education,

---

## PRE-PROFESSIONAL CAREERS

---

Students who are interested in preparing for careers in the professions will find many such opportunities at Troy University. Considered among the best available, Troy's pre-professional programs feature small classes, special academic advisers, free tutors, exceptional laboratory facilities and an outstanding and well qualified faculty.

### **Pre-law**

Admission to accredited professional schools of law requires from three to four years of college preparatory work with preference given to applicants with the bachelor's degree. Law schools generally do not prescribe a particular major or course of undergraduate study as a prerequisite for admission. All such schools emphasize the important of excellence in whichever course of study is pursued. For students planning to enter the profession of law, it is recommended that a student pursue a bachelor's degree giving emphasis to such fields as English, history, political science, criminal justice, social science, speech communication or business. For individualized advice about courses appropriate for law school, students may consult with the advisers for the Pre-Law Society.

### **Pre-engineering**

Program requirements among the professional schools of engineering vary, although certain courses are common to most such schools, particularly during the first two years' work. Students may complete from one to two years of pre-engineering and basic engineering course work at Troy University before transferring to a professional school. The choice of the professional

## COLLEGE OF ARTS AND SCIENCES

The College of Arts and Sciences is, from both historical and functional points of view, the core of the modern university. The College of Arts and Sciences views creativity, inquiry and understanding as among the greatest values in human experience. Thus, it is dedicated to the questioning, creation and transmission of knowledge; to the provision of undergraduate and graduate educational programs that are responsive to the need for an enlightened and productive citizenry; and to the provision of programs and services that enhance the quality of life of the people it serves. These goals compel a commitment to creativity and inquiry free of bias and based upon the principles of objective scholarship. They require a responsibility to promote and convey those elements of

the liberal arts and sciences that must be essential components of the educational goals of all units of the university. The college seeks richness through diversity of its programs and strength through erudition.

In addition to general studies courses, major courses and minor courses, sufficient free electives should be chosen to total at least 120 hours.

As part of ongoing planning and evaluation, the College of Arts and Sciences regularly evaluates student learning outcomes for each degree program.

### AEROSPACE STUDIES MINOR (18 HOURS)

AS 3312	(3)	Air Force Leadership Studies I
AS 3313	(3)	Air Force Leadership Studies II
AS 4412	(3)	National Security Affairs/ Preparation for Active Duty I
AS 4413	(3)	National Security Affairs/ Preparation for Active Duty II

Select two three-hour courses from upper-level political science (POL) courses, or substitute upper-level courses from history (HIS), geography (GEO), or social science (SOC) courses with the approval of the Department of Aerospace Studies chair.

### ANTHROPOLOGY MINOR (18 HOURS)

ANT 3310	(3)	Cultural Anthropology
ANT 3311	(3)	Physical Anthropology

Select at least 12 hours of additional 3000/4000-level anthropology courses as approved by your faculty adviser.

### ARCHIVAL STUDIES MINOR (18 HOURS)

HIS 3360	(3)	Introduction to Archives: Theory and Issues
HIS 3362	(3)	Archival Methods and Practice
HIS 4472	(3)	Records Management
HIS 4473	(3)	Archives Practicum

Select two courses from the following, including at least one at the 4000 level:

GEO/HIS3316	(3)	History of Alabama
GEO/SOC4406	(3)	Urbanism
HIS 4405	(3)	Old South
HIS 4406	(3)	New South
HIS/POL 4441	(3)	American Constitutional Develop.
HIS 4470	(3)	Oral History
HIS 4471	(3)	Local History
MGT 4471	(3)	Organizational Development
MGT 4474	(3)	Business and Society
POL 4421	(3)	Introduction to Public Administration
SOC 4433	(3)	The Community
SOC 4435	(3)	The Sociology of Complex Societies

### BIOLOGY EDUCATION

Students seeking Alabama teacher certification should select biology as a first major and education as a second major. Students should consult with their advisers concerning all certification requirements.

### BIOLOGY MAJOR (43 HOURS)

#### Specialized General Studies Requirements

General studies requirements for the biology, environmental science, biomedical sciences, and marine biology programs and the biology major total 64 semester hours. See the General Studies section of this catalog for complete general studies information.

#### Area III

BIO 1100	(3)	Principles of Biology
BIO L100	(1)	Principles of Biology Lab
CHM 1142	(3)	General Chemistry I
CHM L142	(1)	General Chemistry I Lab
MTH 1125	(4)	Calculus I

#### Area V

BIO 1101	(3)	Organismal Biology
BIO L101	(1)	Organismal Biology Lab
CHM 1143	(3)	General Chemistry II
CHM L143	(1)	General Chemistry II Lab
IS 2241	(3)	Computer Concepts and Apps.
TROY 1101	(1)	University Orientation

Select one sequence:

PHY 2252	(3)	General Physics I
PHY L252	(1)	General Physics I Lab
PHY 2253	(3)	General Physics II
PHY L253	(1)	General Physics II Lab
or		
PHY 2262	(3)	Physics I with Calculus
PHY L262	(1)	Physics I with Calculus Lab
PHY 2263	(3)	Physics II with Calculus
PHY L263	(1)	Physics II with Calculus Lab

#### Major Requirements

BIO 2229	(3)	General Ecology
BIO L229	(1)	General Ecology Lab
BIO 3320	(3)	Genetics
BIO L320	(1)	Genetics Lab
BIO 3372	(3)	Microbiology
BIO L372	(1)	Microbiology Lab
CHM 3342	(3)	Organic Chemistry I
CHM L342	(1)	Organic Chemistry I Lab
CHM 3343	(3)	Organic Chemistry II
CHM L343	(1)	Organic Chemistry II Lab
MTH 2210	(3)	Applied Statistics



**Requirements**

BIO 2229	(3)	General Ecology
BIO L229	(1)	General Ecology Lab
BIO 3320	(3)	Genetics
BIO L320	(1)	Genetics Lab
BIO 3372	(3)	Microbiology
BIO L372	(1)	Microbiology Lab
CHM 3342	(3)	Organic Chemistry I
CHM L342	(1)	Organic Chemistry I Lab
CHM 3343	(3)	Organic Chemistry II
CHM L343	(1)	Organic Chemistry II Lab
MTH 2210	(3)	Applied Statistics

Select one of the four concentrations shown below (biomedical sciences, general biology, ecology and field biology, or medical technology):

**· Biomedical Sciences Concentration**

BIO 3347	(3)	Human Anatomy and Physiology I
BIO L347	(1)	Human Anatomy and Physiology I Lab
BIO 3348	(3)	Human Anatomy and Physiology II
BIO L348	(1)	Human Anatomy and Physiology II Lab
BIO 4478	(3)	Cell Biology
BIO L478	(1)	Cell Biology Lab
BIO 4482	(3)	Molecular Biology
BIO L482	(1)	Molecular Biology Lab

Select 16 hours (four lectures with labs) from the courses listed below:

BIO 3382	(3)	Immunology
BIO L382	(1)	Immunology Lab
BIO 4416	(3)	Microbial Ecology
BIO L416	(1)	Microbial Ecology Lab
BIO 4430	(3)	Applied Genetics
BIO L430	(1)	Applied Genetics Lab
BIO 4451	(3)	Toxicology
BIO L451	(1)	Toxicology Lab
BIO 4471	(3)	Parasitology
BIO L471	(1)	Parasitology Lab
BIO 4480	(3)	Histology
BIO L480	(1)	Histology Lab
CHM 3352	(3)	Biochemistry
CHM L352	(1)	Biochemistry Lab

**· Food Safety Concentration**

BIO 4414	(3)	Food Microbiology
BIO L414	(1)	Food Microbiology Lab
BIO 4451	(3)	Toxicology
BIO L451	(1)	Toxicology Lab
BIO 4418	(3)	Food Laws and Regulations
CHM 3352	(3)	Biochemistry
CHM L352	(1)	Biochemistry Lab
MGT 4466	(3)	Restaurant Management
NSG 2211	(3)	Human Nutrition

Select 11 or more hours from the courses listed below. Lectures and their corresponding labs must be taken together.

BIO 3382	(3)	Immunology
BIO L382	(1)	Immunology Lab
BIO 4416	(3)	Microbial Ecology
BIO L416	(1)	Microbial Ecology Lab
BIO 4471	(3)	Parasitology
BIO L471	(1)	Parasitology Lab
BIO 4478	(3)	Cell Biology
BIO L478	(1)	Cell Biology Lab
BIO 4482	(3)	Molecular Biology
BIO L482	(1)	Molecular Biology Lab
BIO 4488/4489/4490	(1-8)	Internship in the Biological or Environmental Sciences
CHM 4455	(3)	Instrumental Analysis
CHM L455	(1)	Instrumental Analysis Lab
MGT 3372	(3)	Hospitality Management
MGT 4465	(3)	Food and Beverage Service

**· General Biology Concentration**

Select one botany course with its corresponding lab:

BIO 3325	(3)	Plant Form and Function
BIO L325	(1)	Plant Form and Function Lab
BIO 3326	(3)	Plant Diversity
BIO L326	(1)	Plant Diversity Lab
BIO 4402	(4)	Spring Flora
BIO 4425	(4)	Field Botany

Select one zoology course with its corresponding lab:

BIO 3307	(3)	Invertebrate Zoology
BIO L307	(1)	Invertebrate Zoology Lab
BIO 3308	(3)	Vertebrate Zoology
BIO L308	(1)	Vertebrate Zoology Lab
BIO 4405	(3)	Entomology
BIO L405	(1)	Entomology Lab
BIO 4410	(3)	Animal Behavior
BIO L410	(1)	Animal Behavior Lab
BIO 4420	(4)	Field Vertebrate Zoology
BIO 4432	(3)	Comparative Vertebrate Anatomy
BIO L432	(1)	Comparative Vertebrate Anatomy Lab
BIO 4445	(3)	Ichthyology
BIO L445	(1)	Ichthyology Lab
BIO 4446	(3)	Herpetology
BIO L446	(1)	Herpetology Lab
BIO 4447	(3)	Ornithology
BIO L447	(1)	Ornithology Lab
BIO 4448	(3)	Mammalogy
BIO L448	(1)	Mammalogy Lab
BIO 4471	(3)	Parasitology

BIO 4479	(3)	Environmental Assessment	BIO 3326	(3)	Plant Diversity
BIO L479	(1)	Environmental Assessment Lab	BIO L326	(1)	Plant Diversity Lab

Select one physiology/cell/molecular course with its corresponding lab:

BIO 3347	(3)	Human Anatomy and Physiology I
BIO L347	(1)	Human Anatomy and Physiology I Lab
BIO 3348	(3)	Human Anatomy and Physiology II
BIO L348	(1)	Human Anatomy and Physiology II Lab

BIO 3382	(3)	Immunology
BIO L382	(1)	Immunology Lab
BIO 3386	(3)	Hematology
BIO L386	(1)	Hematology Lab
BIO 4414	(3)	Food Microbiology
BIO L414	(1)	Food Microbiology Lab
BIO 4430	(3)	Applied Genetics
BIO L430	(1)	Applied Genetics Lab
BIO 4433	(3)	Embryology
BIO L433	(1)	Embryology Lab
BIO 4451	(3)	Toxicology
BIO L451	(1)	Toxicology Lab
BIO 4478	(3)	Cell Biology
BIO L478	(1)	Cell Biology Lab
BIO 4480	(3)	Histology
BIO L480	(1)	Histology Lab
BIO 4482	(3)	Molecular Biology
BIO L482	(1)	Molecular Biology Lab

### **Ecology**

BIO 4413	(3)	Limnology
BIO L413	(1)	Limnology Lab
BIO 4479	(3)	Environmental Assessment
BIO L479	(1)	Environmental Assessment Lab
MB 4406	(4)	Marsh Ecology

Select an additional eight hours of adviser-approved BIO y Lab

Select 16 additional semester hours (four courses with labs) from the four above categories (botany, zoology, ecology/environmental, and physiology/cell/molecular). Guided Independent Research (BIO 4491/4492) or Guided Independent Study (BIO 4493/4494) may be taken for up to six of these credits. BIO 4491 and 4493 may be mixed and taken in any sequence for up to six credits. However, the two course sequences of BIO 4491/4492 and BIO 4493/4494 may not be taken for more than six credits regardless of the mix. The 16 hours chosen should be based on the student's future plans (employment, graduate school, or professional school).

### **Ecology and Field Biology Concentration**

BIO 4420	(4)	Field Vertebrate Zoology
BIO 4421	(3)	Population Ecology
BIO L421	(1)	Population Ecology Lab
BIO 4425	(4)	Field Botany

Select 12 hours (three courses with labs) from the three categories below. At least one course must be taken from each of the three categories.

### **Zoology**

BIO 3307	(3)	Invertebrate Zoology
BIO L307	(1)	Invertebrate Zoology Lab
BIO 4405	(2)	Entomology
BIO L405	(2)	Entomology Lab

### **Botany**

BIO 3325	(3)	Plant Form and Function
BIO L325	(1)	Plant Form and Function Lab

*or*

PHY 2262	(3)	Physics I with Calculus
PHY L262	(1)	Physics I with Calculus Lab
PHY 2263	(3)	Physics II with Calculus
PHY L263	(1)	Physics II with Calculus Lab

**Requirements for the major**

*Lectures and their corresponding labs must be taken together.*

BIO 2229	(3)	General Ecology
BIO L229	(1)	General Ecology Lab
BIO 3320	(3)	Genetics
BIO L320	(1)	Genetics Lab
BIO 3372	(3)	Microbiology
BIO L372	(1)	Microbiology Lab
CHM 3342	(3)	Organic Chemistry I
CHM L342	(1)	Organic Chemistry I Lab
CHM 3343	(3)	Organic Chemistry II
CHM L343	(1)	Organic Chemistry II Lab
MTH 2210	(3)	Applied Statistics

*Select 32 semester hours from the courses listed below:*



---

**CHEMISTRY MINOR (20 HOURS)**

---

BIO 3372	(3)	Microbiology
BIO L372	(1)	Microbiology Lab

*Select 1 botany course with corresponding lab (four hours).*

*Select 1 zoology course with corresponding lab (four hours).*

#### **Chemistry Concentration**

CHM 2242	(3)	Analytical Chemistry
CHM L242	(1)	Analytical Chemistry Lab
CHM 3343	(3)	Organic Chemistry II
CHM L343	(1)	Organic Chemistry II Lab
CHM 3352	(3)	Biochemistry
CHM L352	(1)	Biochemistry Lab
CHM 3381	(3)	Physical Chemistry I
CHM L381	(1)	Physical Chemistry I Lab

*Select a minimum of 8 semester hours of coursework from the following:*

CHM 3382	(3)	Physical Chemistry II
CHM L382	(1)	Physical Chemistry II Lab
CHM 4403	(3)	Advanced Organic Chemistry
CHM 4444	(3)	Advanced Inorganic Chemistry
CHM L444	(1)	Advanced Inorganic Chemistry Lab
CHM 4445	(3)	Instrumental Analysis
CHM L445	(1)	Instrumental Analysis Lab

#### **Physics Concentration**

PHY 4411	(3)	Advanced Modern Physics
PHY 4459	(3)	Optics
PHY L459	(1)	Optics lab
PHY 4420	(3)	Mechanics
PHY 4430	(3)	Electromagnetic Fields
PHY 4495	(3)	Topics in Physics

*Select 8 hours of upper level physics or chemistry courses approved by the academic adviser.*

CS 4449	(3)	Applied Networking
CS 4451	(3)	Computer Security
CS 4495	(3)	Special Topics in Computer Science

---

**COMPUTER SCIENCE A.S. DEGREE (60 HOURS)**


---

**Associate of Science Degree**

See the academic regulations section of this bulletin for additional information regarding associate degrees.

**General Studies Requirements****Area I**

ENG 1101	(3)	Composition and Modern English I
ENG 1102	(3)	Composition and Modern English II

**Area II**

Select one:

ENG 2205	(3)	World Literature before 1660
ENG 2206	(3)	World Literature after 1660
ENG 2211	(3)	American Literature before 1875
ENG 2212	(3)	American Literature after 1875
ENG 2244	(3)	British Literature before 1785
ENG 2245	(3)	British Literature after 1785

Select one:

ART 1133	(2)	Visual Arts
DRA 2200	(2)	Introduction to Drama
MUS 1131	(2)	Music Appreciation

**Area III**

MTH 1125	(3)	Calculus I
----------	-----	------------

Select one science course and corresponding lab:

BIO 1100(3)	Principles of Biology
BIO L100	(1) Principles of Biology Lab
SCI 2233 (3)	Physical Science
SCI L233(1)	Physical Science Lab
SCI 2234 (3)	Earth and Space Science
SCI L234(1)	Earth and Space Science Lab

**Area IV**

Select one:

HIS 1101 (3)	Western Civilization I
HIS 1102 (3)	Western Civilization II
HIS 1111 (3)	U.S. to 1877
HIS 1112 (3)	U.S. since 1877
HIS 1122 (3)	World History to 1500
HIS 1123 (3)	World History from 1500

**Area V**

COM 1110	(3)	Effective Communication (Montgomery campus only)
IS 2241	(3)	Computer Concepts and Applications
TROY 1101	(1)	University Orientation

**Additional requirements**

CS 2244	(3)	Computer Programming I
CS 2260	(3)	Computer Programming II
CS 2261	(3)	Foundations of Computer Science Concepts
CS 3323	(3)	Data Structures
CS 3329	(3)	Analysis of Algorithms
CS 3332	(3)	Software Engineering I
CS 3357	(3)	Logical Structures
MTH 2215	(3)	Applied Discrete Mathematics

Select 7-10 hours of free electives.

---

**CRIMINAL JUSTICE MAJOR (36 HOURS)**


---

Criminal justice majors are encouraged to take two semesters of Spanish or another foreign language as part of their general studies requirements.

CJ 1101	(3)	Introduction to Criminal Justice
CJ 2221	(3)	Survey of Law Enforcement
CJ 2231	(3)	Survey of Corrections
CJ 2241	(3)	Survey of Law and Criminal Procedure
CJ 3345	(3)	Criminology
CJ 3352	(3)	Constitutional Law
CJ 3375	(3)	Introduction to Social Scientific Inquiry
CJ 4499	(3)	Senior Seminar

Select A or B below:

A. 12 additional hours of advanced or upper-level criminal justice courses, as approved by the adviser,

or

B. Homeland Security Concentration. Select 12 additional hours from the following as approved by the adviser:

CJ 3335	(3)	Private and Public Security Administration
CJ 4435	(3)	Grant Writing
CJ 4440	(3)	Terrorism
CJ 4470	(3)	Criminal Justice Issues in Homeland Security
CJ 4472	(3)	Cyber Crime
CJ 4488	(3)	Internship (limit 1)
POL 3364	(3)	State and Local Politics
POL 4422	(3)	Public Policy Making

---

**CRIMINAL JUSTICE MINOR (18 HOURS)**


---

CJ 1101	(3)	Introduction to Criminal Justice
---------	-----	----------------------------------

Select 15 additional hours of upper-level criminal justice courses as approved by the adviser.

---

**EARTH AND SPACE STUDIES MINOR (18 HOURS)**


---

SCI 3335	(3)	Physical Geology
SCI L335	(1)	Physical Geology Lab
SCI 3336	(3)	Astronomy
SCI 3340	(3)	Marine Science
SCI L340	(1)	Marine Science Lab
SCI 3350	(3)	Weather and Climate

SCI L350	(1)	Weather and Science Lab
SCI 4403	(3)	Conservation

---

**ENGLISH MAJOR (36 HOURS)**

---

**Specialized General Studies Requirements***Area V*

ENG 2211	(3)	American Literature before 1875
ENG 2212	(3)	American Literature after 1875
ENG 2244	(3)	British Literature before 1785
ENG 2245	(3)	British Literature after 1785
IS 2241	(3)	Computer Concepts and

60 · COLLEGE OF ARTS AND SCIENCES

ENG 3371	(3)	Literature for Young Adults
ENG 4405	(3)	History of the English Language
ENG 4478	(3)	Theory and Practice of Composition: Writing and Learning Across the Curriculum
JRN 3326	(3)	Advising Student Publications

*Select twelve hours of upper di*



---

**GEOGRAPHIC INFORMATION SYSTEMS (GIS)  
MINOR (18 HOURS)**


---

GEM 3390	(3)	Introduction to GIS
GEM L390	(1)	Introduction to GIS Lab
GEM 3391	(3)	Applications of GIS
GEM L391	(1)	Applications of GIS Lab
GEM 4499	(2)	Geomatics/GIS Projects

*With adviser approval, select a minimum of eight credit hours from one of the four bundles:*

**Data Collection/Analysis**

GEM 2200	(3)	Basics of Cartography and Surveying
GEM L220	(1)	Basics of Cartography and Surveying Lab
GEM 3330	(3)	Advanced Measurement Analysis
GEM L330	(1)	Advanced Measurement Analysis Lab
GEM L371	(1)	Measurement for GIS Lab

**Image Processing**

GEM 1100	(1)	Computer-Aided Drafting
GEM L110	(2)	Computer-Aided Drafting Lab
GEM 3366	(3)	Photogrammetry and Remote Sensing
GEM L366	(1)	Photogrammetry and Remote Sensing Lab
GEM L367	(1)	Digital Images in GIS Lab

**Customizing the ArcView GIS Interface**

CS 2260	(3)	Computer Programming II
CS 3330	(3)	Data Structures and Algorithms
CS 3339	(3)	Fundamentals of Object-Oriented Programming

**GIS Database Development**

CS 2260	(3)	Computer Programming II
CS 3323	(3)	Data Structures
CS 4420	(3)	Introduction to Database Systems

---

**GEOGRAPHY MINOR (18 HOURS)**


---

GEO 3300	(3)	Principles of Physical Geography
GEO 3301	(3)	Principles of Cultural Geography

*Select an additional 12 hours of approved, upper-level geography courses. GEO 2210 may not be counted toward both general studies and the geography minor.*

---

**GEOMATICS MAJOR (47 HOURS)**


---

**Specialized General Studies Requirements****Area II**

*Select the following in lieu of ART 1133:*

ART 2201	(3)	Introductory Drawing
----------	-----	----------------------

*Select remaining Area II courses as specified in the General Studies section of this catalog.*

**Area III**

BIO 1100	(3)	Principles of Biology
BIO L100	(1)	Principles of Biology Lab

PHY 2252	(3)	General Physics I
PHY L252	(1)	General Physics I Lab
MTH 1125	(4)	Calculus I

**Area IV**

ECO 2251	(3)	Principles of Macroeconomics
ECO 2252	(3)	Principles of Microeconomics

*Select one history sequence as specified in the General Studies section of this catalog.*

**Area V**

IS 2241	(3)	Computer Concepts and Apps.
TROY 1101	(1)	University Orientation
CS 2244	(3)	Computer Programming I
MTH 2210	(3)	Applied Statistics
MTH 1126	(4)	Calculus II
PHY 2253	(3)	General Physics II
PHY L253	(1)	General Physics II Lab

**Major Requirements**

GEM 2200	(3)	Basics of Cartography and Surveying
GEM L220	(1)	Basics of Cartography and Surveying Lab
GEM 3309	(3)	Land Parcel Administration and Law
GEM L309	(1)	Land Parcel Administration and Law Lab
GEM 3310	(3)	Land Surveying Practice
GEM L310	(1)	Boundary Retracement Lab

---

**HISTORY EDUCATION (36 HOURS)**


---

Students seeking Alabama teacher certification should select history as a first major and education as a second major. Students should consult with their advisers concerning all certification requirements.

**Specialized General Studies Requirements****Area IV**

POL	2241	(3)	American National Government
SOC	2275	(3)	Introduction to Sociology

Select one six-hour sequence:

HIS	1101	(3)	Western Civilization I, or placement
HIS	1102	(3)	Western Civilization II, or placement
Or			
HIS	1122	(3)	World History to 1500
HIS	1123	(3)	World History from 1500

**Area V**

GEO	2210	(3)	World Regional Geography
HIS	1111	(3)	U.S. to 1877, or placement
HIS	1112	(3)	U.S. since 1877, or placement
IS	2241	(3)	Computer Concepts and Apps.
TROY	1101	(1)	University Orientation

**Requirements for the Major**

HIS 3375	(3)	Research and Methodology
HIS 4490	(3)	Senior Seminar

**Select one emphasis:****American/Latin American History Emphasis**

Select 15 hours of upper-level American/Latin American courses in addition to either HIS 3316 or 4406.

Select an additional 9 hours of upper-level European/Asian/African courses in addition to HIS 4451.

**European/Asian/African History Emphasis**

Select 15 hours of upper-level European/Asian/African courses in addition to HIS 4451.

Select an additional 9 hours of upper-level American/Latin American courses in addition to either HIS 3316 or 4406.

NOTE: Students majoring in History Education may not select the Civil Rights emphasis in history.

---

**HISTORY MAJOR (36 HOURS)**


---

**Select one emphasis below.****AMERICAN/LATIN AMERICAN EMPHASIS****Specialized General Studies Requirements****Area IV**

Select a six hour sequence in western civilization or world history. Select additional Area IV courses as specified in the General Studies section of this catalog.

**Area V**

GEO 2210	(3)	World Regional Geography
----------	-----	--------------------------

HIS 1111	(3)	U.S. to 1877, or placement
HIS 1112	(3)	U.S. since 1877, or placement
IS 2241	(3)	Computer Concepts and Apps.
TROY 1101	(3)	University Orientation

**Requirements for the Major**

HIS 3375	(3)	Research and Methodology
HIS 4490	(3)	Senior Seminar

Select 18 hours of approved upper-level American/Latin American courses.

Select 12 hours of approved upper-level European/Asian/African courses.

**CIVIL RIGHTS EMPHASIS****Specialized General Studies Requirements****Area IV**

Select a six hour sequence in western civilization or world history.

Select six additional Area IV courses as specified in the General Studies section of this catalog.

**Area V**

IS 2241	(3)	Computer Concepts and Apps.
TROY 1101	(1)	University Orientation
HIS 1111	(3)	U.S. to 1877, or placement
HIS 1112	(3)	U.S. since 1877, or placement
GEO 2210	(3)	World Regional Geography

**Requirements for the major**

HIS 3375	(3)	Research and Methodology
HIS 4490	(3)	Senior Seminar
HIS 4430	(3)	Civil Rights Movement
HIS 4494	(3)	Guided Independent Study in Civil Rights
SOC 3310	(3)	Minorities in the U.S. Social Structure
ENG 4465	(3)	African-American Literature

Select nine hours of approved upper-level American/Latin American courses

Select nine hours of approved upper-level European/Asian/African courses.

**EUROPEAN/ASIAN/AFRICAN EMPHASIS****Specialized General Studies Requirements****Area IV**

Select a six hour sequence in western civilization or world history.

Select six hours of additional Area IV courses as specified in the General Studies section of this catalog.

**Area V**

IS 2241	(3)	Computer Concepts and Apps.
TROY 1101	(1)	University Orientation
HIS 1111	(3)	U.S. to 1877, or placement
HIS 1112	(3)	U.S. since 1877, or placement
GEO 2210	(3)	World Regional Geography





**Requirements for the Program**

*Lectures and the corresponding labs must be taken together.*

BIO 2229	(3)	General Ecology
BIO L229	(1)	General Ecology Lab
BIO 3320	(3)	Genetics
BIO L320	(1)	Genetics Lab
BIO 3372	(3)	Microbiology
BIO L372	(1)	Microbiology Lab
CHM 3342	(3)	Organic Chemistry I
CHM L342	(1)	Organic Chemistry I Lab
CHM 3343	(3)	Organic Chemistry II
CHM L343	(1)	Organic Chemistry II Lab
MTH 2210	(3)	Applied Statistics

*Troy University Courses:*

BIO 3307	(3)	Invertebrate Zoology
BIO L307	(1)	Invertebrate Zoology Lab

*Select three additional upper-level adviser-approved biology courses (12 SH). Lectures and their corresponding labs must be taken together.*

**Dauphin Island Sea Lab (DISL) Courses (16 semester hours).**

DISL courses are offered during the summer term. Students are required to take the following prerequisites before attending DISL: CHM 1143, L143, BIO 1101, L101, BIO 2229, L229. Students must also comply with all DISL catalog prerequisites for individual courses.

*Select three courses:*

MB 4403	(4)	Marine Vertebrate Zoology
MB 4404	(4)	Marine Botany
MB 4410	(4)	Introduction to Oceanography
MB 4406	(4)	Marsh Ecology, <i>or</i>
MB 4418	(4)	Marine Behavioral Ecology, <i>or</i>
MB 4423	(4)	Marine Ecology

*Select four semester hours of marine biology elective(s).*

---

**MATHEMATICS EDUCATION**


---

*Students seeking Alabama teacher certification should select mathematics as a first major and education as a second major. Students should consult with their advisers concerning all certification requirements.*

---

**MATHEMATICS MAJOR (38 HOURS)**


---

**Specialized General Studies Requirements****Area III**

BIO 1100	(3)	Principles of Biology
BIO L100	(1)	Principles of Biology Lab
MTH 1125	(4)	Calculus I

*Select a four hour course/lab combination from the following:*

CHM 1142	(3)	General Chemistry I
CHM L142	(1)	General Chemistry I Lab
PHY 2252	(3)	General Physics I
PHY L252	(1)	General Physics I Lab
SCI 2233	(3)	Physical Science
SCI L233	(1)	Physical Science Lab

SCI 2234	(3)	Earth and Space Science
SCI L234	(1)	Earth and Space Science Lab

**Area V**

TROY 1101	(1)	University Orientation
MTH 2220	(3)	Computer Programming for Mathematics

**Requirements for the Major**

MTH 1126	(4)	Calculus II
MTH 2227	(4)	Calculus III
MTH 3311	(3)	Differential Equations
MTH 3318	(3)	Introduction to Advanced Mathematics
MTH 3331	(3)	Linear Algebra
MTH 4424	(3)	Real Analysis I
MTH 4441	(3)	Abstract Algebra I

*Select one of the following:*

MTH 4425	(3)	Real Analysis II
MTH 4442	(3)	Abstract Algebra II

*Or both of the following:*

MTH 4451	(3)	Mathematical Statistics I
MTH 4452	(3)	Mathematical Statistics II

*Students selecting MTH 4451 and MTH 4452: select 9 more hours of mathematics courses at the 3000 level and above (excluding MTH 4481)*

MSL 4404a	(1)	Leadership Lab
MSL 4404b	(1)	Leadership Lab

Select a three-hour military history course approved by the professor of military science.

---

**PHYSICAL SCIENCE MINOR (19-20 HOURS)**

---

CHM 1142	(3)	General Chemistry I
CHM L142	(1)	General Chemistry I Lab
CHM 1143	(3)	General Chemistry II
CHM L143	(1)	General Chemistry II Lab

Select one series:

PHY 2252	(3)	General Physics I
PHY L252	(1)	General Physics I Lab
PHY 2253	(3)	General Physics II
PHY L253	(1)	General Physics II Lab
or		
PHY 2262	(3)	Physics I with Calculus
PHY L262	(1)	Physics I with Calculus Lab
PHY 2263	(3)	Physics II with Calculus
PHY L263	(1)	Physics II with Calculus

Select an upper-level course in chemistry or physics (3-4 SH).

---

**PHYSICS MINOR (19 HOURS)**

---

PHY 4410	(3)	Modern Physics
PHY L410	(1)	Modern Physics Lab
PHY 4420	(3)	Mechanics

Select one series:

PHY 2252	(3)	Gen. Physics I
PHY L252	(1)	Gen. Physics Lab I
PHY 2253	(3)	Gen. Physics II
PHY L253	(1)	Gen. Physics Lab II
or		
PHY 2262	(3)	Physics I Calculus
PHY L262	(1)	Physics I with Calculus Lab
PHY 2263	(3)	Physics II with Calculus
PHY L263	(1)	Physics II with Calculus Lab

Select an additional four hours of adviser-approved, upper-level physics courses.

---

**POLITICAL SCIENCE MAJOR (36 HOURS)**

---

**Specialized General Studies Requirements**

**Area V**

IS 2241	(3)	Computer Concepts and Applications
TROY 1101	(1)	University Orientation
POL 2241	(3)	American National Government or placement in POL 2240
POL 2260	(3)	World Politics

**Major Requirements**

POL 3300	(3)	Foundations of Political Science
POL 3330	(3)	Political Theory

Select one of the following concentrations:

**· American Politics Concentration**

Select 15 hours from the following:

POL 3340	(3)	U.S. Government – Executive Branch
POL 3341	(3)	U.S. Government – Legislative Branch
POL 3342	(3)	U.S. Government – Judicial Branch
POL 3343	(3)	American Political Processes
POL 3364	(3)	State and Local Politics
POL 4422	(3)	Public Policy Making
POL 4423	(3)	American Foreign Policy to 1920
POL 4424	(3)	Contemporary American Foreign Policy
POL 4420	(3)	Constitutional Law

A021 .0002 T15:.1(A471 )-363(y)TOLcca-

<b>POLITICAL SCIENCE MINOR (18 HOURS)</b>					
POL 3300	(3)	Foundations of Political Science	COM 3345	(3)	Group Discussion and Leadership
POL 3330	(3)	Introduction to Political Theory	HIS 4415	(3)	Contemporary America
			MGT 3371	(3)	Principles of Management and Organizational Behavior
			MGT 3375	(3)	Human Resources Management
			MSL 2202	(2)	Leadership and Teamwork
			MSL 2204	(1)	Leadership Lab
			POL 4422	(3)	Public Policy Making

Select an additional 12 hours of upper level courses, as approved by your academic adviser.

### **SOCIAL SCIENCE EDUCATION**

Students seeking Alabama teacher certification should complete the social science major with a general social science concentration and select education as a second major. Students should consult their education advisers concerning all certification requirements and with their academic discipline adviser for requirements in the major.

### **SOCIAL SCIENCE MAJOR (36 HOURS)**

#### **Specialized General Studies Requirements**

#### **AREA IV (12 SH)**

NOTE: Social Science majors with concentrations in anthropology, geography, or sociology should take Area IV electives appropriate for their concentration.

#### **Requirements for the Major**

SS 3375	(3)	Introduction to Social Scientific Inquiry
SS 3376	(3)	Application of Social Scientific Inquiry
SS 4498	(3)	Social Science Theory
SS 4499	(3)	Senior Seminar

Select one concentration:

#### **· Concentration 1: Anthropology**

ANT 3310	(3)	Cultural Anthropology
ANT 3311	(3)	Physical Anthropology

Select at least 18 hours of additional 3000/4000-level anthropology courses as approved by your faculty adviser.

#### **· Concentration 2: General Social Science**

Select at least 24 hours of additional 3000/4000-level courses from anthropology, economics, geography, history, political science, psychology or sociology (six hours may be used from ECO 2251, ECO 2252, GEO 2210, ANT 2200, POL 2260 [World Politics], or SOC 2230) in at least three disciplines.

#### **· Concentration 3: Geography**

GEO 3300	(3)	Principles of Physical Geography
GEO 3301	(3)	Principles of Cultural Geography

Select at least 18 hours of additional 3000/4000-level courses as approved by your faculty adviser:

#### **· Concentration 4: Leadership**

LDR 1100	(3)	Introduction to Leadership
LDR 4400	(3)	Leadership Seminar*

\*Requires approval of the Director of the Institute of Leadership Development

Select an additional 18 hours from the following:

AS 3312	(3)	Air Force Leadership Studies I
AS 3313	(3)	Air Force Leadership Studies II



---

## B.S. / B.A. BUSINESS ADMINISTRATION DEGREE REQUIREMENTS

---

*For more information, see the index listings for baccalaureate degree parameters, general studies, and academic regulations.*

### ***Specialized General Studies Requirements***

The general studies program must include six hours of Principles of Economics I & II and MTH 2201, completed with a grade of C or better.

### ***Additional Specialized Requirements***

Students must complete the following lower-level courses (or their approved transfer credit equivalents) with a grade of C or higher in each course before registering for any upper level course in the business curriculum: ENG 1101/03, ENG 1102/04, MTH 2201, IS 2241, ACT 2291, ACT 2292, ECO 2251, ECO 2252, QM 2241, LAW 2221, and all 2000-level courses in the major and minor. Students may enroll concurrently in the last of these courses along with their initial 3000-level courses subject to their adviser's approval and consistent with published prerequisite requirements. Under no condition may a student enroll in a 4000-level course without the satisfactory completion (grade of C or higher) of the lower-level courses listed above.

Transfer credit will not be awarded for any course to be used in the business core or major in which a C grade or higher has not been achieved.

Students must achieve an overall C average in both their business core and their business major in order to be eligible to graduate. All courses should be taken in the appropriate numerical sequence (i.e., 3000-level courses should be completed before attempting 4000-level courses).

The business administration core and major each require a minimum of 12 hours Troy University residence credit.

---

## PROGRAM STRUCTURE

---

General Studies	48 hours
Business Administration Core	42 hours
Courses in Major	<u>30 hours</u>
	120 hours

**StudiesRSv**

Select one business administration major (30 hours):

Accounting  
Finance  
General Business  
Information Systems  
Management  
Marketing  
Risk Management and Insurance

---

**ACCOUNTING MAJOR (30 HOURS)**

---

***B.S./B.A. in Business Administration degree with a major in accounting (ACT):***

ACT 3391	(3)	Intermediate Accounting I
ACT 3392	(3)	Intermediate Accounting II
ACT 3394	(3)	Governmental Accounting
ACT 3395	(3)	Managerial/Cost Accounting
ACT 4491	(3)	Advanced Accounting I
ACT 4494	(3)	Income Tax I
ACT 4495	(3)	Income Tax II
ACT 4497	(3)	Auditing

Select one accounting elective:

ACT 3396	(3)	Accounting Information Systems
ACT 4493	(3)	Independent Study in Accounting
ACT 4496	(3)	Managerial/Cost Accounting II
ACT 4498	(3)	Advanced Auditing
ACT 4499	(3)	Accounting Internship

Select one upper level business or business law course elective.

---

**FINANCE MAJOR (30 HOURS)**

---

FIN 4431	(3)	Financial Management
FIN 4432	(3)	Investments
FIN 4437	(3)	Financial Institutions

Select six electives:

FIN 3333	(3)	Financial Mathematics
FIN 3334	(3)	Financial Statement Analysis
FIN 3336	(3)	Real Estate Finance I
FIN 3337	(3)	Personal Financial Planning
FIN 4419	(3)	Speculative Markets
FIN 4434	(3)	Financial Modeling
FIN 4436	(3)	Securities Analysis
FIN 4438	(3)	Bank Management
FIN 4439	(3)	Finance Seminar
FIN 4440	(3)	Real Estate Finance II
FIN 4454	(3)	Public Finance
FIN 4495	(3)	Selected Topics in Finance
RMI 3335	(3)	Principles of Management and Insurance

Select one upper level business or business law course elective.

---

**GENERAL BUSINESS MAJOR (30 HOURS)**

---

***B.S./B.A. in Business Administration degree with a major in general business***

***Concentrations in general business, business economics, international business, and small business and entrepreneurship***

Select one upper level course in three of the following five areas:

Accounting  
Economics  
Finance  
Management  
Marketing

Select one concentration (21 hours):

**Business Economics Concentration:**

- Select five upper level economics courses (15 hours).
- Select two upper level finance courses (six hours).

**General Business Concentration:**

- Select seven upper level courses among the business disciplines, with a limit of three courses in one discipline.

**International Business Concentration:**

- Select three of the following courses not used to satisfy the business core global issues requirement (nine hours):

ACT 4435	(3)	International Accounting
ECO 4451	(3)	International Trade
FIN 4435	(3)	International Banking and Finance
MGT 4478	(3)	International Management
MKT 4468	(3)	International Marketing

Select two upper level business or business law course electives (six hours).

Select two modern foreign language courses (six hours).

**International Economic Development Concentration:**

ECD 3360	(3)	Principles of International Economic Development
ECD 3362	(3)	Applied Spatial Analysis for Business
ECD 4499	(3)	Field Experience in International Economic Development
ECO 4451	(3)	International Trade
MKT 4468	(3)	International Marketing

Select two of the following courses:

ECD 4461	(3)	Advanced Applied Spatial Analysis for Business
----------	-----	--

Small Business and Entrepreneurship Concentration:

MGT 4475 (3) Small Business Management

*Select four of the following courses:*

ACT 3396 (3) Accounting Information Systems  
 MGT 3375 (3) Human Resource Management  
 MGT 4472 (3) Organizational Behavior  
 MGT 4460 (3) Introduction to Project Management  
 MKT 3365 (3) Integrated Marketing Communications  
 MKT 4463 (3) Retailing

*Select two upper level business or business law course electives (six hours).***INFORMATION SYSTEMS MAJOR (30 HOURS)*****B.S./B.A. in Business Administration degree with a major in information systems (IS)***

IS 2244 (3) Computer Programming I  
 IS 2260 (3) Computer Programming II  
 IS 3320 (3) Data Communications and Computer Networking  
 IS 3330 (3) Web Authoring  
 IS 3346 (3) Database Management Systems I  
 IS 4447 (3) System Engineering and Project Management  
 IS 4460 (3) E-Commerce Design

*Select one concentration:*General IS Concentration (nine hours)*Select three courses from the following:*

IS 3339 (3) Object-Oriented Programming I  
 IS 3349 (3) Object-Oriented Programming II  
 IS 3380 (3) Network Operating Systems  
 IS 4430 (3) Web Site Design  
 IS 4440 (3) Database Management Systems II  
 IS 4443 (3) Internet Development  
 IS 4450 (3) Network Design and Management  
 IS 4451 (3) Network Infrastructure and Security  
 MGT 4480 (3) Technology and Management Innovation

Networking Concentration (nine hours)

IS 3380 (3) Network Operating Systems  
 IS 4450 (3) Network Design and Management  
 IS 4451 (3) Network Infrastructure and Security

Web Development Concentration (nine hours)

IS 4430 (3) Web Site Design  
 IS 4440 (3) Database Management Systems II  
 IS 4443 (3) Internet Development

**MANAGEMENT MAJOR (30 HOURS)*****B.S./B.A. in Business Administration degree with a major in management (MGT)*****Concentrations in general management, hospitality and tourism, human resource management, and production and operations management**

MGT 4472 (3) Organization Behavior  
 MGT 3375 (3) Human Resource Management

*Select one concentration:*General Management Concentration

MGT 4460 (3) Introduction to Project Management  
 MGT 4471 (3) Organizational Development  
 MGT 4473 (3) Labor Law and Collective Bargaining  
 MGT 4474 (3) Business and Society  
 MGT 4475 (3) Small Business Management  
 MGT 4479 (3) Management Seminar  
 MGT 4480 (3) Technology and Innovation Management  
 MGT 4481 (3) Staffing  
 MGT 4482 (3) Managing Health, Safety and Diversity  
 MGT 4483 (3) Human Resources Development  
 MGT 4485 (3) Performance Appraisal and Compensation  
 MGT 4490 (3) Total Quality Management  
 MKT 3363 (3) Transportation Management  
 MKT 4463 (3) Retailing  
 MKT 4465 (3) Business Logistics  
 QM 3342 (3) Introduction to Operations Research

*Select one upper level business or business law course elective.*Hospitality and Tourism Concentration

MGT 3372 (3) Hospitality Management  
 MGT 3374 (3) Hotel Management  
 MGT 3375 (3) Human Resource Management  
 MGT 3377 (3) Domestic and International Tourism  
 MGT 4466 (3) Restaurant Management  
 MGT 4472 (3) Organizational Behavior  
 MGT 4473 (3) Labor Law and Collective Bargaining

*Select three of the following courses:*

BAN 4499 (3) Internship  
 MGT 4465 (3) Food and Beverage Service  
 MGT 4475 (3) Small Business Management  
 MGT 4481 (3) Staffing  
 MKT 4487 (3) Hospitality Marketing

Human Resource Management Concentration*Select six of the following courses:*

BUS 4499 (3) Internship  
 MGT 4471 (3) Organizational Development  
 MGT 4473 (3) Labor Law and Collective Bargaining  
 MGT 4479 (3) Management Seminar  
 MGT 4481 (3) Staffing



72 · SORRELL COLLEGE OF BUSINESS

MGT 4482	(3)	Managing Health, Safety and Diversity
MGT 4483	(3)	Human Resource Development
MGT 4485	(3)	Performance Appraisal and Compensation
MGT 4496	(3)	Selected Topics in Human Resources

*Select one upper level business or business law course elective.*

**Production and Operations Management Concentration**

*Select six of the following courses:*

BUS 4499	(3)	Faculty approved Internship
ECO 3357	(3)	Managerial Economics
MGT 4460	(3)	Introduction to Project Management
MGT 4465	(3)	Business Logistics
MGT 4479	(3)	Management Seminar
MGT 4480	(3)	Technology and Innovation Management
MGT 4490	(3)	Total Quality Management
QM 3342	(3)	Introduction to Operations Research

*Select one upper level business or business law course elective.*

**Supply Chain Management Concentration**

*Offered at Troy campus only*

MKT 4465	(3)	Business Logistics
MGT 4451	(3)	Supply Chain Management
MGT 4452	(3)	Supply Chain Management Information Systems
MGT 4453	(3)	Supply Chain Strategy
MGT 4479	(3)	Management Seminar

*Select two courses:*

BUS 4499	(3)	Internship
MKT 3363	(3)	Transportation Management
MGT 4460	(3)	Introduction to Project Management
MGT 4490	(3)	Total Quality Management
QM 3342	(3)	Introduction to Operations Research

*Select one upper level business or business law course elective.*

---

**MARKETING MAJOR (30 HOURS)**

---

*B.S./B.A. in Business Administration degree with a major in*

MKT 4452	(3)	
MKT 4479	(3)	search
MKT 4479	(3)	Management

numerical sequence (i.e., 3000-level courses should be completed before attempting 4000-level courses).

***Specialized technical courses (12-18 hours)***

Credit will be awarded for specialized technical knowledge based upon one or all of the following: American Council of Education credit recommendations, credit for experiential learning that has been evaluated by Troy University faculty and approved by the appropriate dean or transfer work from regionally accredited (Southern Association of Colleges and Schools, Middle States Association of Colleges and Schools, etc.) post-secondary community college or technical schools as approved by the Academic Council.

Specializations are not available in fields of study that are

74 · SORRELL COLLEGE OF BUSINESS

IS	3330	(3)	Web Authoring
IS	3346	(3)	Database Management Systems I

*Select one upper-level IS course.*

---

**<<dti>> DESIGN, TECHNOLOGY AND  
INNOVATION PROGRAM (36 HOURS)**

---

ART 1145	(3)	Foundations of Form and Space
ART 1150	(3)	Foundations of Time and Space
ART 2210	(3)	e-Drawing
or		
ART 2201	(3)	Introductory Drawing
ART 2230	(3)	Color and Technology
ART 3308	(3)	<<dti>> Principles of Digital Design
ART 3310	(3)	<<dti>> Time/Sound
ART 3315	(3)	<<dti>> Design for the Internet
ART 3324	(3)	<<dti>> Paper/Screen
ART 4424	(3)	<<dti>> Design Studio*
ART 4499	(3)	Senior Thesis

*Select six hours from the following history courses:*

ART 2250	(3)	Survey of Art History I
ART 2251	(3)	Survey of Art History II
ART 3355	(3)	Graphic Design History

**Interdisciplinary contract offerings for <<dti>> program (24 hours)**

*Select a Contractual Plan of Study from one of the following areas:*

- Advertising Writing
- Business Administration
- Multi-media Design\*\*
- Information Systems
- Journalism
- Literature/Writing
- Marketing
- Mass Communications
- Music Industry
- Photography
- Speech/Theatre
- Sports Marketing
- Technical Theatre
- Or other area (see adviser for options)

tional and entertainment software interfaces. This contractual plan of study requires a one-semester residency at Halmstad University, Sweden. For more information about contracts and options available, contact the Department of Art and Design.

---

**ART EDUCATION**

---

NOTE: Students seeking Alabama teacher certification in art should select education as a second major. Students should consult with their advisers concerning all certification requirements. Students will need to select six hours of upper level courses from two of these concentrations (for a total of twelve hours): 2D Studio, 3D Studio, and Photo Studio or Digital Studio.

\*\*This specialized concentration involves the designing of educa-



Select nine or 12 hours of electives:

CLA 3330	(3)	Classical Epic
CLA 3350	(3)	Classical Drama
CLA 4400	(3)	Special Topics in Classics
LAT _____	(3)	Approved Latin course(s)
GRK _____	(3)	Approved Greek course(s)

---

**COMMUNICATION ARTS MAJOR (36 HOURS)**

---

Contact the Department of Speech and Theatre for information regarding the contract program in performance (speech/broadcast journalism.)

**Tracks: Communication Studies and Theatre**

**Communication Studies Track**

**Specialized general studies requirements for the communication studies track:**

Area V:

COM 2220	(3)	Ethnicity and Race in American Media
COM 2222	(3)	Introduction to Human Communication
DRA 2251	(3)	Voice and Diction
JRN 1100	(3)	Technology in Journalism
JRN 2230	(3)	Introduction to Public Relations
TROY 1101	(1)	University Orientation

**Requirements for the track:**

COM 3326	(3)	Conflict Management
COM 3328	(3)	International/Intercultural Communication
COM 3345	(3)	Group Discussion and Leadership
COM 4420	(3)	Propaganda and Persuasion
COM 4424	(3)	Rhetorical and Communication Theory
COM 4431	(3)	Interpersonal Communication
COM 4455	(2)	Senior Speech Capstone
JRN 4440	(3)	Advanced Technologies in Journalism

Select 13 hours from the following:

COM 3324	(3)	Gender Communication
COM 3330	(3)	Interviewing
COM 3341	(3)	American Public Address
COM 3342	(3)	Argumentation and Debate
COM 4400	(1-3)	Special Topics in Communication Studies
COM 4422	(3)	The Rhetoric of the Civil Rights Movement
COM 4426	(3)	Organizational Communication
COM 4441	(2)	Oral Interpretation

R

Select one of the following design courses:

DRA 3331	(3)	Costume Design
DRA 3321	(3)	Scene Design
DRA 3344	(3)	Lighting Design

Select the remaining nine hours from the following: (design course selected above may not be counted again)

DRA 2211	(1)	Theatre for Youth*
DRA 3302	(2)	Costume Techniques
DRA 3304	(2)	Lighting Techniques
DRA 3313	(2)	Creative Drama
DRA 3315	(1)	Audition and Portfolio Techniques
DRA 3316	(2)	Acting II
DRA 3321	(3)	Scene Design
DRA 3331	(3)	Costume Design
DRA 3344	(3)	Lighting Design
DRA 3350	(2)	Script Analysis
DRA 3352	(2)	Sound Techniques
DRA 3354	(2)	Rendering Techniques for the Theatre
DRA 4452	(2)	Directing II

\*One-hour courses that can be repeated for elective credit (DRA 2211, and DRA 3345) may only be counted once toward completion of the track.

**Spanish Concentration**

SPN 1141	(3)	Introductory Spanish I
SPN 1142	(3)	Introductory Spanish II
SPN 2241	(3)	Intermediate Spanish I
SPN 2242	(3)	Intermediate Spanish II
SPN 3332	(3)	Advanced Spanish I
SPN 3333	(3)	Advanced Spanish II
SPN 3350	(3)	Hispanic Culture on Location I
SPN 3357	(3)	Hispanic Culture on Location II
SPN 4447	(3)	Readings in Hispanic Literature*
		<i>*repeat once for a total of 6 hours</i>
SPN 4450	(3)	Hispanic Culture and Civilization

**FRENCH MINOR (18 HOURS) Select 86 hours choices in(F**

- (3)
- (3) **Spece**
- (3) **olore anDechnRologRy**

Selectot follo

- (3)
- (3) frm the(Intenet( ))TJ 0 -1.46 TD 0.0006 Tc 0.002
- (3)

---

**FOREIGN LANGUAGE MAJOR (36 HOURS)**

---

*Bachelor of Arts Degree*

FLN 3333	(3)	Survey of World Languages
----------	-----	---------------------------

Select one concentration:

**French Concentration**

FRN 1101	(3)	Introductory French I
FRN 1102	(3)	Introductory French II
FRN 2201	(3)	Intermediate French I
FRN 2202	(3)	Intermediate French II
FRN 3301	(3)	Advanced French I
FRN 3302	(3)	Advanced French II
FRN 3303	(3)	French Culture and Civilization
FRN 3310	(3)	French Culture on Location I
FRN 3311	(3)	French Culture on Location II
FRN 4401	(3)	French Literature I
FRN 4402	(3)	French Literature II

**Latin Concentration**

LAT 1131	(3)	Introductory Latin I
LAT 1132	(3)	Introductory Latin II
LAT 2231	(3)	Intermediate Latin I
LAT 2232	(3)	Intermediate Latin II
LAT 3331	(3)	Readings in Latin Literature*
		<i>*repeat twice for a total of 9 hours</i>

Select 12 hours from the following:

CLA 3311	(3)	Civilization of Greece
CLA 3312	(3)	Civilization of Rome
CLA 3330	(3)	Classical Epic
CLA 3350	(3)	Classical Drama
CLA 4400	(3)	Selected Topics in Classics

PRINT n ontacatth0hooln

JRN 3322	(3)	Advertising Copywriting
JRN 4401	(3)	Community Media Management
JRN 4421	(3)	Editorial Page
JRN 4427	(3)	Sports Reporting
JRN 4430	(3)	Processes and Effects of Mass Communication



**General Music Track**

*Select 26 hours from the following with the approval of the adviser:*

- |          |       |  |
|----------|-------|--|
| MUI 3310 | (3)   | Audio Principles and Techniques                |
| MUI 3315 | (2)   | Song Writing                                   |
| MUI 3320 | (2)   | Grant Writing and Funding for the Musical Arts |
| MUI 4410 | (2)   | Arts Management and Concert Production         |
| MUI 4420 | (2)   | Film Scoring                                   |
| MUI 4460 | (3)   | Senior Practicum                               |
| MUI 4480 | (1)   | Seminar in Music Industry                      |
| MUI 4499 | (9)   | Music Industry Internship                      |
| MUS 2230 | (3)   | Survey Music Industry                          |
| MUS 3300 | (2)   | History of Jazz                                |
| MUS 4400 | (1-3) | Selected Topics                                |

MUH(1-3)-1746.7(2hO t/6.6(6.6 for)6.8( MproThting)eatre6.6( )TJ0 -1.2533 Tw(MU 2)6 TD580(H(1-3) )-1746.7(2hOpn)5 O tn)5tuistor)e

## COLLEGE OF EDUCATION

*The mission of the College of Education is to prepare educators, counselors, administrators, and other professionals to be life-long, innovative, informed, reflective decision makers effectively trained to achieve the goals, competencies, and skills identified by the accrediting and professional organizations for each program.*

*Non-certification programs in psychology and interpreter training are offered at the locations shown below.*

*The Teacher Education Unit is comprised of all certification programs in the College of Education. All certification programs are approved by the Alabama State Board of Education. Certification programs are offered at the Dothan, Phenix City, and Troy campuses.*

*Only certification programs offered at the Dothan, Phenix City and Troy campuses are accredited by the National Council for Accreditation of Teacher Education (NCATE), 2010 Massachusetts Ave., NW, Suite 500, Washington, D.C. 20036; phone (202) 466-7496. This accreditation covers initial teacher preparation programs and advanced educator preparation programs. NCATE is recognized by the U.S. Department of Education and the Council for Higher Education Accreditation to accredit programs for the preparation of teachers and other professional school personnel.*

*As part of ongoing planning and evaluation, the College of Education regularly evaluates student learning outcomes for each degree program.*

---

### UNDERGRADUATE EDUCATION PROGRAM AVAILABILITY

---

	Dothan	Mont-gomery	Phenix City	Troy	University College*
<b>Non-certification Programs</b>					
Psychology					
Comprehensive Program (54 hours)				X	
Major (36 hours)	X	X	X	X	X
Minor (18 hours)	X	X	X	X	X
<b>Certification Programs</b>					
Early Childhood Education (Grades P-3)	X				
Elementary Education (Grades K-6)	X		X	X	
Collaborative Teacher (Grades K-6)	X			X	
Secondary Education (Grades 6-12)					
Biology	X			X	
Chemistry	X			X	
History	X			X	
English/Language Arts	X			X	
General Science	X			X	
Mathematics	X			X	
Social Science	X			X	
Interdisciplinary Education (Grades P-12)					
Art				X	

\*consult University College site

**INTERPRETER TRAINING**

*Troy University's interpreter training program provides graduates with the content knowledge and skills necessary to be licensed deaf interpreters. This program meets societal needs by training interpreters for employment in various settings where they will serve deaf and hard of hearing populations.*

**INTERPRETER TRAINING PROGRAM****Specialized General Studies Requirement****Area IV**

PSY 2200 (3) General Psychology

*Select additional Area IV requirements as shown in the General Studies section of this catalog.*

**AREA V:**

ASL 1141 (3) American Sign Language I

ASL 1142 (3) American Sign Language II

ASL 2241 (3) American Sign Language III

ASL 2242 (3) American Sign Language IV

IS 2241 (3) Computer Concepts and Applications

TROY 1101 (1) Orientation

**Required Courses**

EDU 2200 (3) Introduction to Interpreting: Professional Identity and Ethical Considerations

EDU 3360 (3) Models of Interpretation / Transliteration

EDU 3362 (3) Manual Codes for English

EDU 3364 (3) Introduction to Educational Interpreting / Transliterating

EDU 3366 (3) Discourse Analysis I

EDU 3368 (3) Interpreting in Specialized Setting

EDU 4451 (3) ASL / English Linguistics

EDU 4452 (3) Discourse Analysis II

EDU 4453 (3) Interpreting English to ASL

EDU 4454 (3) Interpreting ASL to English

EDU 4455 (3) Transliteration

EDU 4456 (3) Advanced Voice to Sign Interpreting / Transliterating

EDU 4457 (3) Advanced Sign to Voice Interpreting / Transliterating

EDU 4458 (3) Advanced Interactive Interpreting

EDU 4462 (3) Practicum I: Seminar and Field Experiences

EDU 4463 (3) Practicum II: Seminar and Field Experiences

EDU 4465 (6) Internship: Educational Interpreting

EDU 4466 (6) Internship: Community Interpreting

**PSYCHOLOGY**

*Psychology is the science concerned with the understanding of behavior and mental processes. A major in psychology provides students with (1) a useful foundation for further study at the*



Board of Education and other accrediting agencies modify regulations. Implementation of additional requirements may be mandated by the Alabama State Department of Education and could supersede a student's stated program requirements. Candidates should consult their education adviser for details.

Only candidates properly admitted to an approved certification program and who successfully fulfill all program and certification requirements will be recommended for certification. The Certification Officer, appointed by the Dean of the College of Education, is the only Troy University official authorized to recommend candidates for certification in any state.

**Certification in Other States**

Other states may grant professional certification to candidates completing the Troy University teacher education program. Some states may have additional requirements. Candidates seeking certification in other states should contact the appropriate State Department of Education.

Only candidates properly admitted to an approved certification program and who successfully fulfill all program and certification requirements will be recommended for certification. The Certification Officer, appointed by the Dean of the College of Education, is the only Troy University official authorized to recommend candidates for certification in any state.

**Highly Qualified Teacher**

5. Two satisfactory recommendations from faculty.
6. Completion of all coursework except for Internship Seminar, which is taken in conjunction with internship.
7. Completion of all professional studies and teaching field courses with a grade of C or better.
8. Completion and verification of a minimum of 150 contact hours of clinical experiences. Ninety of these 150 hours must be in increments of at least three hours each. The majority of field experiences must occur in a P-12 setting. At least half of the field experiences shall be in the candidate's teaching field and shall emphasize the application of content knowledge.
9. Evidence of current First Aid and CPR certifications.
10. Successful completion of all three sections of the Alabama Prospective Teacher Test (APTT): Applied Mathematics, Reading for Information, and Writing.
11. Successful completion of the Praxis II examination in each teaching field.
12. Successful completion of the preliminary components of the professional portfolio and the exit examinations in professional studies and the teaching field(s).
13. Approval of the Director of the Teacher Education Program and the department chair.
14. Evidence of current professional liability coverage.
15. Completion of any additional requirements mandated by the Alabama State Department of Education.

Undergraduate internship experiences must occur in the appropriate grade level(s) and subject(s) and are supervised by an approved certified classroom teacher who is the teacher of record for the class. *Interns may not complete an internship in a classroom in a long-term substitute teacher position.*

---

**EARLY CHILDHOOD EDUCATION (P-3)**  
**(123 HOURS)**

---

**Specialized General Studies Requirements**

*See the general studies section of this bulletin for additional information.*

*Early childhood education majors must complete a minimum of 12 semester hours in each of the following disciplines as part of gen-*



MUS 1131	(2)	Music Appreciation
SPH 2241	(3)	Fundamentals of Speech

**Area III**

Select SCI 2233 and L233 from the list of approved courses.

**Area IV**

Majors are strongly encouraged to select PSY 2210 and GEO 2210 from the list of approved courses in Area IV.

**Area V**

IS 2241	(3)	Computer Concepts and Apps.
MTH 1112	(3)	Pre-Calculus Algebra
MTH 2251	(3)	Math Concepts for Teachers I
MTH 2252	(3)	Math Concepts for Teachers II
SCI 2234	(3)	Earth and Space Science
SCI L234	(1)	Earth and Space Science Lab
TROY 1101	(1)	University Orientation

Select an additional one hour elective.

**Education Major**

EDU 3305	(3)	Microcomputers in Education
EDU 3310	(3)	The Professional Educator
EDU 4400	(3)	Classroom Management
EDU 4471	(3)	Curriculum and Instructional Delivery
PSY 3303	(3)	Educational Psychology
PSY 3325	(3)	Adolescent Psychology
RED 4484	(3)	Language and Literacy IV
SPE 3340	(3)	Diverse Learners
SPE 3346	(3)	Assessment in Special Education
SPE 4454	(3)	Internship Seminar
SPE 4465	(9)	Collaborative Teacher 6-12 Internship

**Required Courses in Collaborative Teacher (6-12)**

ELE 3362	(3)	Teaching Math in K-6
MTH 4481	(3)	Methods and Materials for SED Teacher
SPE 3302	(3)	Introduction to Moderate and Severe Disabilities
SPE 3303	(3)	Teaching Students with Mild Disabilities: 6-12
SPE 3304	(3)	Teaching Students with Moderate and Severe Disabilities: 6-12
SPE 3305	(3)	Transition Planning
SPE 3307	(3)	Strategies Instruction
SPE 3349	(3)	Intro to Mild Disabilities
SPE 3362	(3)	Policies and Procedures in SPE
SPE 4460	(3)	Collaboration in Education Practices



88 · COLLEGE OF EDUCATION

- \_\_\_\_ 4472 (9) Internship in Interdisciplinary Education (prefix: ART, KHP or MUS)
- \_\_\_\_ 4481 (3) Methods and Materials for the \_\_\_\_ major (prefix: ART, KHP or MUS)

*Select the appropriate classroom management course:*

- KHP 4465 (3) Classroom Management and Organization for HPE (KHP majors)
- MUS 4403 (3) Classroom Management for the Music Educator (MUS majors)
- SED 4400 (3) Classroom Management (ART majors)

*Select the appropriate diverse learners course:*

- KHP 4462 (3) Physical Education for Exceptional Children (KHP majors)
- MUS 4460 (3) Music for the Exceptional Learner (MUS majors)
- SPE 3340 (3) Diverse Learners (ART majors)

*Select the appropriate technology course:*

- EDU 3305 (3) Microcomputers in Education (ART & KHP Majors)
- MUS 3305 (3) Music Technologies (MUS Majors)

*Select the appropriate assessment course:*

- ART 3346 (3) Educational Assessment in Fine Arts (ART Majors)
- KHP 3391 (3) Testing and Statistical Interpretation (KHP Majors)
- MUS 3346 (3) Educational Assessment in Fine Art (MUS Majors)

In addition to the required general studies and the education major identified above, students seeking Alabama teacher certification in grades P-12 should complete the academic major in a specific discipline, and select Education as the second major. Students should consult with their education adviser concerning all certification requirements and with their academic discipline adviser for requirements in the major.

Available interdisciplinary education disciplines are as follows:

- Art
- Health and Physical Education
- Music, Instrumental
- Music, Choral
- Physical Education



The purpose of the Physical Education (P-12) and Comprehensive Health (6-12) and Physical Education (P-12) degree programs is to provide a comprehensive teacher education program and teacher certification in either health and physical education, or physical education. The course of study focuses on the study of human movement as it relates to the cognitive, affective, and psychomotor domain of teaching and learning, as well as the facets related to health and physical education.

The Sport and Fitness Management Program at Troy University is committed to providing students with the highest quality educational experiences so that they will be prepared to meet the many demands and challenges of sport and fitness management in the 21st century. The purpose of the Sport and Fitness Management degree program is to provide students seeking an interdisciplinary approach to the fields of sport/exercise, marketing, and management with business, management, and administrative skills from a sport/fitness perspective. Within Sport and Fitness Management students will choose to concentrate in sport management, recreation management, exercise performance, health promotion, or athletics. The program prepares the student for careers in managerial positions in the above-listed professional areas.

- personal equipment, uniforms, Hepatitis B Vaccine Series, a titer review, liability insurance cost, and travel.
6. Each student accepted into the Athletic Training Education Program must submit a letter stating that he/she accepts the invitation and responsibility connected with the Athletic Training Education Program.

**Academic Probation Policy**

Students must meet the following minimum standards for scholarships:

- maintain a cumulative grade point average of 3.0 on all work attempted
- maintain a cumulative grade point average of 3.0 on all work attempted in the program core curriculum
- earn a grade no lower than C in all program courses

**Probation**

Once the student's cumulative GPA has fallen below 3.0 in the program core curriculum, the ATEP Director will place this student on academic probation. Access to clinical experiences will be denied. As a result of lack of clinical access, the student will be required to choose one of two options: (1) sit out the academic

student does not improve his/her cumulative GPA to 3.0 or above

AT 3360	(2)	Principles of Drug Therapy for Athletic Trainers
AT 3395	(3)	Care and Prevention of Athletic Injuries and Illnesses
AT L395	(1)	Care and Prevention of Athletic Injuries and Illnesses Clinical Experiences
AT 3396	(3)	Evaluation of Athletic Injuries and Illnesses I
AT L396	(1)	Evaluation of Athletic Injuries and Illnesses I Clinical Experiences
AT 3397	(3)	Evaluation of Athletic Injuries and Illnesses II
AT L397	(1)	Evaluation of Athletic Injuries and Illnesses II Clinical Experiences
AT 4401	(2)	Clinical Experiences in Athletic Training
AT 4402	(12)	Athletic Training Field Experience
AT 4447	(2)	Therapeutic Modalities
AT 4448	(2)	Therapeutic Exercises
BIO 3347	(3)	Human Anatomy and Physiology I
BIO L347	(1)	Human Anatomy and Physiology I Lab
BIO 3348	(3)	Human Anatomy and Physiology II
BIO L348	(1)	Human Anatomy and Physiology II Lab
CHM 1142	(3)	General Chemistry I
CHM L142	(1)	General Chemistry I Lab
KHP 2202	(2)	First Aid and Safety and CPRO
KHP 2240	(3)	Personal and Community Health
KHP 3352	(3)	Kinesiology
KHP 3391	(3)	Testing and Statistical Interpretation
KHP 4443	(3)	Administration of Sport, Recreation and Athletic Training
KHP 4474	(4)	Exercise Physiology
NSG 1105	(1)	Medical Terminology
NSG 2211	(3)	Human Nutrition
NSG 3309	(2)	Health Assessment
NSG 3310	(1)	Health Assessment Practicum
NSG 3315	(3)	Pathophysiology
PHI 2204	(3)	Ethics
PHY 2252	(3)	General Physics I
PHY L252	(1)	General Physics I Lab
PSY 2205	(3)	Psychology of Adjustment
PSY 4402	(3)	Principles of Counseling

---

**DANCE MINOR (16-19 HOURS)**


---

DRA 4443	(3)	Theatre History I
KHP 2252	(3)	Methods of Teaching Dance
KHP 4451	(3)	Sport Finance and Business
KHP 4489	(3)	Practicum in Dance Production and Performance

Select 4-7 hours from the following course (Consult your adviser):

KHP 1130	(1)	Social Contemporary Dance
KHP 1131	(1)	Folk Dance I
KHP 1132	(1)	Modern Dance
KHP 1133	(1)	Square Dance
KHP 1134	(1)	Ballroom Dance
KHP 1135	(1)	Ballet I
KHP 1136	(1)	Jazz Techniques I

KHP 1137	(1)	Tap Dance
KHP 1138	(1)	Clog Dance I
KHP 1139	(1)	Aerobic Dance I
KHP 1144	(1)	Step Aerobics
KHP 1145	(1)	Slide Aerobics
KHP 2230	(1)	Rhythmic Activities Special Populations
KHP 2231	(1)	Folk Dance II
KHP 2232	(1)	Modern Dance II
KHP 2235	(1)	Ballet II
KHP 2236	(1)	Jazz Techniques II
KHP 2238	(1)	Clog Dance II
KHP 2239	(1)	Aerobic Dance II
KHP 3332	(1)	Modern Dance III

---

**EXERCISE SCIENCE MINOR (18 HOURS)**


---

KHP 3352	(3)	Kinesiology
KHP 4459	(3)	Sport and Exercise Nutrition
KHP 4474	(3)	Exercise Physiology
KHP L474	(1)	Exercise Physiology Lab
KHP 4475	(3)	Exercise Testing
KHP 4488	(3)	Issues and Practice in Cardiac Rehabilitation
KHP 4476	(2)	Laboratory Practicum

---

**HEALTH AND PHYSICAL EDUCATION  
COMPREHENSIVE PROGRAM**


---

For professional studies information, see the College of Education chapter of this catalog.

NOTE: Students seeking Alabama teacher certification in health and physical education should select education as a second major. Students should consult with their advisers concerning all certification requirements.

**Specialized general studies requirements**
**Area III**

BIO 1100	(3)	Principles of Biology I
BIO L100	(1)	Principles of Biology Lab
MTH 1112	(3)	Pre-Calculus Algebra, or placement

Select a four hour course/lab combination from the following:

CHM 1142	(3)	General Chemistry I, or placement
CHM L142	(1)	General Chemistry I Lab, or placement
PHY 2252	(3)	General Physics I
PHY L252	(1)	General Physics I Lab
SCI 2233	(3)	Physical Science
SCI L233	(1)	Physical Science Lab

**Area V**

KHP 2201	(2)	Camping and Outdoor Recreation
KHP 2202	(2)	First Aid and Safety and CPRO
KHP 2240	(3)	Personal and Community Health
KHP 2251	(2)	Foundations of Physical Education/SFM
KHP 3360	(3)	Physiological Principles of Body Systems

IS 2241	(3)	Computer Concepts and Apps.
TROY 1101	(1)	University Orientation

Select 2 hours of physical activity courses.

**Requirements for the program**

KHP 2252	(3)	Methods of Teaching Dance
KHP 3330	(2)	Physical Skills Proficiency I
KHP 3331	(2)	Physical Skills Proficiency II
KHP 3350	(3)	Psychology of Wellness
KHP 3352	(3)	Kinesiology
KHP 3361	(3)	Integrating HPER into the Curriculum
KHP 3395	(2)	Care and Prevention of Athletic Injuries
KHP 4410	(3)	Motor Development
KHP 4442	(3)	Health Education
KHP 4474	(3)	Exercise Physiology
KHP L474	(1)	Exercise Physiology Lab
KHP 4485	(3)	Teaching Individual and Team Sports
KHP 4486	(3)	Teaching Individual and Team Sports

Select 3 hours from the following:

KHP 4405	(3)	Physical Activity and Disease Prevention
KHP 4427	(3)	Health Behavior
KHP 4459	(3)	Sport and Exercise Nutrition

**HEALTH PROMOTION MINOR (18 HOURS)**

KHP 3352	(3)	Kinesiology
KHP 4405	(3)	Physical Activity and Disease Prevention
KHP 4427	(3)	Health Behavior
KHP 4459	(3)	Sport and Exercise Nutrition
KHP 4474	(3)	Exercise Physiology
KHP L474	(1)	Exercise Physiology Lab

Select an additional two hours of adviser-approved courses.

**HUMAN SERVICES MAJOR (36 HOURS)**

HS 2230	(3)	Survey of Human Services
HS 3310	(3)	Human Behavior in the Social Environment I
HS 3370	(3)	Professional Communication Skills
HS 4400	(3)	Human Services Field Experience
RHB/SWK 3320	(3)	Human Behavior in the Social Environment II
SWK 3302	(3)	Social Service Resources

Select 18 additional hours in HS, RHB, or SWK courses.

**HUMAN SERVICES MINOR (18 HOURS)**

HS 2230	(3)	Survey of Human Services
HS 3310	(3)	Human Behavior and the Social Environment I
RHB/SWK 3320	(3)	Human Behavior and the Social Environment II

HS 3370	(3)	Professional Communication Skills
SWK 3302	(3)	Social Service Resources

Select three additional hours in HS, RHB, or SWK courses.

**NURSING, ASSOCIATE OF SCIENCE (ASN) (70 HOURS)**

**Admission**

Admission to the ASN program is completed in two steps:

*STEP I*

For admission to the ASN program, the student must:

1. submit a completed application and the University application fee (by May 30 for fall semester admission and October 1 for spring semester admission);
2. be a high school graduate or equivalent (GED) and submit official transcripts (unless transferring at least 24 hours of college coursework);
3. have official transcripts from all colleges attended submitted directly from the institution of attendance;
4. earn a required score of 40 on the National League for Nursing Pre-Admission Exam OR ACT score of 19 OR SAT score of 910 (A bachelor's or higher degree from an accredited university will exempt a student from the pre-nursing test requirement). If student is seeking acceptance into the LPN-RN advanced placement track, LPN must score at least 70 on the NLN ACE I exam, in lieu of other tests.
5. have an overall GPA of at least 2.5 on 4.0 scale for all college work attempted (For additional information contact the office of Admission and Records at the School of Nursing, Montgomery campus.);
6. present evidence of current Alabama Licensed Practical Nurse licensure if the student is entering the LPN-ASN advanced placement track, as well as documentation showing one year of LPN work experience during the past three years unless graduation occurred within the past calendar year; and
7. be able to achieve certain core performance standards required by the duties of the nursing profession.

When ENG 1101, PSY 2200, MTH 1112, BIO 3347 and BIO L347 have been completed with a grade of C or better, the student may proceed to step II.

*STEP II*

For admission to the ASN nursing course sequence (NSG 1131, NSG 1135, 1151, etc.), the student must:

1. meet all admission requirements under Step I;
2. submit the "Application to ASN Nursing Course Sequence" (by May 30 for fall semester admission and October 1 for spring semester admission);
3. have maintained an overall GPA of at least 2.5 on 4.0 scale on all college work attempted.

NOTE: If a student is attempting to transfer credit for nursing courses from another school of nursing (which must be NLNAC accredited), a letter from the dean/director of that school must be submitted stating that the student was eligible for continuation in the nursing program. If the student was not eligible for continuation in the program, the student must take all required Troy University ASN nursing courses.



- b. Students are required to make a grade of C or better in each nursing course.
- c. Students may repeat only one 3300-4400 level nursing course required in the BSN clinical nursing sequence; therefore, a second D or F in any 3300-4400 level nursing course will result in automatic dismissal from the program.
- d. Students who are planning to apply, or have applied but have not yet begun, the BSN Clinical Nursing Sequence may repeat only one 3300-4400 level nursing course



---

**PHYSICAL EDUCATION MAJOR**

---

*For professional studies information, see the College of Education section of this catalog.*

NOTE: Students seeking Alabama Teacher certification in physical education should select education as a second major. Students should consult with their advisers concerning all certification requirements.

**(P-12)****Specialized general studies requirements***Area III*

BIO 1100	(3)	Principles of Biology I
BIO L100	(1)	Principles of Biology Lab
MTH 1112	(3)	Pre-Calculus Algebra, or placement

*Select a four hour course/lab combination from the following:*

CHM 1142	(3)	General Chemistry I, or placement
CHM L142	(1)	General Chemistry I Lab, or placement
PHY 2252	(3)	General Physics I
PHY L252	(1)	General P(Pre4p4(I, or 3rs ))2I

**Pre-professional requirement:**

PSY 3304 (3) Abnormal Psychology

*Students will take the history series (HIS 1101 and 1102, or HIS 1111 and 1112, or HIS 1122 and 1123) not taken as a part of the general studies requirements.*

*Students will complete the remaining three social/behavioral science electives (from ANT 2200, ECO 2251, POL 2241, Psy 2200, and SOC 2275) not taken as a part of the general studies requirements.*

**Departmental Core for Rehabilitation and Social Work Majors (29 Hours):**

HS 2230	(3)	Survey of Human Services
HS 3310	(3)	Human Behavior in the Social Environment I
HS 3370	(3)	Professional Communications
RHB/SWK #####	(3)	Program Elective
RHB/SWK 2280	(3)	Rehabilitation/Social Work Research I
RHB/SWK 2281	(3)	Rehabilitation/Social Work Research II
RHB/SWK 3320	(3)	Human Behavior in the Social Environment II
RHB/SWK 3340	(3)	Social Policy and Planning
RHB/SWK 4450	(2)	Senior Seminar
SWK 3302	(3)	Social Service Resources

**Rehabilitation professional program (25 hours):**

RHB 3345	(3)	Foundations of Rehabilitation
RHB 3350	(3)	Individual Differences and the World of Work
RHB 3360	(3)	Vocational Assessment
RHB 3380	(3)	Medical and Vocational Aspects of Physical Disabilities
RHB 4410	(1)	Rehabilitation Pre-practicum
RHB 4420	(12)	Rehabilitation Practicum

**Social Work professional program (25 hours):**

The principal educational objective is the preparation of graduates for beginning generalist social work practice.

SWK 2250	(3)	Introduction to Social Work
SWK 3390	(3)	Social Work with Individuals and Families
SWK 4471	(3)	Social Work with Groups
SWK 4472	(3)	Social Work with Organizations and Communities
SWK 4480	(1)	Social Work Pre-practicum
SWK 4481	(12)	Social Work Practicum

**Specialized General Studies Requirements**

*See the general studies section of this catalog for additional course information.*

**Area III**

BIO 1100	(3)	Principles of Biology I
BIO L100	(1)	Principles of Biology Lab
MTH 1112	(3)	Pre-Calculus Algebra, or placement

*Select a four hour course/lab combination from the following:*

CHM 1142	(3)	General Chemistry I, or placement
CHM L142	(1)	General Chemistry I Lab, or placement
PHY 2252	(3)	General Physics 5[(Spsbae02 )-3227.1( B1(l)-1.8(ace

---

**SPORT AND FITNESS MANAGEMENT MAJOR  
(45 HOURS)**


---

Sport and fitness management majors must earn a grade of "C" or better in all major courses for credit toward graduation.

All sport and fitness management majors must present proof of professional liability insurance in order to enroll in KHP 4490. Professional liability insurance may be purchased through the College of Health and Human Services. Professional liability insurance must be maintained in force through the completion of the internship.



## ACCOUNTING COURSES (ACT)

**ACT 4492-4493 Guided Independent Study (1-3 credit hours per course per semester)**

- ACT 2291 Principles of Accounting I (3)**  
Modern financial accounting theory and practices applied to sole proprietorships, partnerships, and corporations.
- ACT 2292 Principles of Accounting II (3)**  
Modern financial and managerial accounting theory and practices applied to an organization's liabilities, cash flows, planning, budgeting, and control. *Prerequisite: ACT 2291.*
- ACT 3391 Intermediate Accounting I (3)**  
Theory and applications of assets, liabilities, and owners' equity, revenues, expenses, and analytical process. *Prerequisite: ACT 2292.*
- ACT 3392 Intermediate Accounting II (3)**  
Theory and applications of assets, liabilities, and owners' equity, pensions, leases, earnings per share, and analytical process. *Prerequisite: ACT 3391.*
- ACT 3394 Governmental Accounting (3)**  
Municipal and governmental accounting; preparation and use of budgets, records, and statements. *Prerequisite: ACT 2292.*
- ACT 3395 Managerial/Cost Accounting I (3)**  
Manufacturing and distribution cost accounting, material, labor and overhead costs in job order and process cost accounting. These courses must be taken in sequence. *Prerequisite: ACT 2292.*
- ACT 3396 Accounting Information Systems (3)**  
Principles underlying establishment of complete accounting systems; applications to typical business organization; emphasis on the functions of control and protection. *Prerequisite: ACT 2292.*
- ACT 4435 International Accounting (3)**  
An overview of emerging issues related to international accounting and reporting of financial information across national boundaries. The course will address topics such as accounting and auditing standards, disclosure practices, and financial reporting in a global business environment. *Prerequisite: ACT 3392.*
- ACT 4491 Advanced Accounting (3)**  
Theory and applications of accounting for business combinations, branches and segments, partnerships, and foreign currency transactions and translations. *Prerequisite: ACT 3392.*

---

**ANTHROPOLOGY COURSES (ANT)**


---

- ANT 2200 Anthropology (3)**  
An examination of human, physical and cultural development using evidence from archaeology, paleontology, genetics, ecology, cultural anthropology and linguistics with emphasis on the historical, structural and symbolic aspects of human culture. *This course is prerequisite for all 3300 and 4400 level courses in anthropology. This course does not count toward the 36-hour major.*
- ANT 3305 Introduction to Archaeology (3)**  
An examination of the methods and theory of traditional and contemporary approaches to archaeological research.
- ANT 3310 Cultural Anthropology (3)**  
An anthropological examination of human cultural development and a survey of both contemporary and past human cultures. May be taken for sociology credit.
- ANT 3311 Physical Anthropology (3)**  
An examination of human biological development from the beginning of mankind through the Pleistocene age using evidence from archaeology, paleontology, biology, genetics and osteology.
- ANT 3312 Field Techniques in Archaeology (3)**  
Instruction in survey and excavation methods and techniques used in the discipline of archaeology.
- ANT 3313 Laboratory Techniques in Archaeology (3)**  
Instruction in the methods and techniques used in the curation and analysis of cultural materials recovered from archaeological investigations.
- ANT 3320 Prehistory of North American Indians (3)**  
An examination of the aboriginal cultures of North American prior to the period of European contact based upon archaeological evidence.
- ANT 3321 North American Indians Since Contact (3)**  
An examination of aboriginal cultures of North America from the period of European exploration, colonization, and settlement to the present using archaeological, ethnographic, and ethnological studies.
- ANT 3325 Selected Topics in Anthropology (3)**  
Anthropological examination of a designated topic of special and/or current interest and importance that is generally not covered in regularly offered courses in the department.
- ANT 3330 Historical Archaeology (3)**  
An examination of the historical research methods and archaeological techniques used to investigate and interpret archaeological sites dating from the historic period.
- ANT 3340 Language in Culture and Society (3-3)**  
A sociological and anthropological examination of language from a descriptive, historical and social perspective.
- ANT 3360 Magic, Witchcraft and Religion (3)**  
An anthropological examination of the role of religion and the supernatural among traditional peoples.
- ANT 3370 Native American Religions (3)**  
An introduction to Native American religions. Focused on basic concepts of Native religions, the course familiarizes students with various aspects of religion and world views drastically different from their own. Special attention is paid to religious movements among Native groups which resulted from contact with Europeans and Africans.
- ANT 4400 Southeastern Archaeology (3)**  
An in-depth study of the history of archaeology in the southeastern United States and the prehistoric and early historic cultures that inhabited the region for the last 12,000 years.
- ANT 4401 Native American Cultures of the Southwestern U.S. (3)**  
An anthropological examination of the prehistory and early history of the southwestern U. S. native cultures. Includes classroom lecture and on-site observation.
- ANT 4410 High Civilizations of the Old World (3)**  
An anthropological examination of the sociocultural systems that formed the foundations of pre-industrial high civilizations of the Old World and a survey of past cultures that achieved this degree of complexity.

*grade of D or below has been earned. Application forms are available in the office of University Records. Guided independent research may be taken on a 9d-kin thimnr bfiel. Also see inde 6.69ex orm "In 6.69ed penden oStue 6.69ey and Re*

- ART 3302 History of the Arts (3)**  
An analysis of examples of art from diverse periods with an emphasis on trends and patterns and the interactions of art with various aspects of social, political, and intellectual developments.
- ART 3308 <<dti>> Principles of Digital Design (3-3)**  
Introduction to the fundamental principles of graphic design using a variety of desktop software including writing HTML. *Prerequisites: ART 1145, ART 2201 or ART 2210, and ART 2230.*
- ART 3310 <<dti>> Time/Sound (3-3)**  
Exploration of graphic design applied to multimedia. Students will learn to produce presentations using type, imagery, and audio-visuals. *Prerequisite: ART 3308.*
- ART 3315 <<dti>> Design for the Internet (3-3)**  
Formal and practical aspects of graphic design as applied to web development, Internet communication, marketing, and advertising. *Prerequisite: ART 3308.*
- ART 3318 Conceptual Drawing (3)**  
A course in the exploration of image making that expands drawing from direct observation to a more conceptual approach. May be repeated for credit up to nine hours. *Prerequisites: ART 1145, 2201.*
- ART 3320 Ancient and Medieval Art (3-3)**  
Classical antiquity through the Gothic period.
- ART 3321 Renaissance and Baroque (3-3)**  
Northern and Southern Renaissance through the Baroque period.
- ART 3322 18th and 19th Century Art (3-3)**  
Classical, Realism, Romanticism, and Impressionism.
- ART 3323 20th Century Art (3-3)**  
Post-Impressionism to the present.
- ART 3324 <<dti>> Paper/Screen (3-3)**  
Exploration of desktop and web-based publishing. Production of content, research, imagery, and development of paper and web-based publications. *Prerequisite: ART 3308 or permission of department chairman.*
- ART 3328 Photo Studio II (3-3)**  
Exploration of technical and artistic aspects of color photography. Concentration on color slide/transparency photography as a source of images for such markets as magazines, advertising, books, and a variety of other publications. *Prerequisite: ART 2228.*
- ART 3330 2D Studio III (3-3)**  
Advanced concepts in two-dimensional media. Studio/seminar focusing on specific painting, printmaking, drawing, and mixed media techniques. *Prerequisites: ART 2202 and ART 2206.*
- ART 3331 3D Studio III (3-3)**  
Advanced concepts in three-dimensional media. Studio/seminar focusing on specific additive and subtractive techniques in a variety of media. *Prerequisites: ART 2204 and ART 2205.*
- ART 3346 Educational Assessment in Fine Arts (3-3)**  
This course provides a broad foundation in all aspects of assessment as it is applied to the P-12 music and art classroom, from learning theory to practical application of assessment techniques, data management, critical th





## 104 · COURSE DESCRIPTIONS

officership, military justice, civilian control of the military, preparation for active duty, and current issues affecting military professionalism. Within this structure, continued emphasis is given to refining communication skills.

**AS L412      Leadership Laboratory I (1)**

- AT 3395 Care and Prevention of Athletic Injuries and Illnesses I (3-3)**  
Acquaints the entry-level athletic training student with athletic training educational competencies related to risk management, injury prevention, assessment and evaluation, psycho-social intervention and referral and health care administration. *Prerequisite: acceptance into ATEP (first-year status).*
- AT L395 Care and Prevention of Athletic Injuries and Illnesses I Clinical Experiences (1-1)**  
Acquaints the entry-level athletic training student with athletic training educational competencies in the clinical proficiencies, risk management, injury prevention, assessment and evaluation, psychosocial intervention and referral, and health care administration. *Prerequisite: Acceptance into ATEP (first-year status).*
- AT 3396 Evaluation of Athletic Injuries and Illnesses I (3-3)**  
Acquaints the entry-level athletic training student with athletic training educational competencies as they relate to acute care of injuries and illnesses to the lower extremity of the human body. *Prerequisite: Acceptance into ATEP (first-year status).*
- AT L396 Evaluation of Athletic Injuries and Illnesses I Clinical Experiences (1-1)**  
Acquaints the entry-level athletic training student with athletic training educational competencies in the clinical proficiencies of injury prevention, assessment and evaluation, and acute care of injuries and illnesses as they relate to the lower extremity. *Co-requisite: AT 3396 (first-year status).*
- AT 3397 Evaluation of Athletic Injuries and Illnesses II (3-3)**  
Acquaints the entry-level athletic training student with athletic training educational competencies as they relate to injury prevention, assessment and evaluation, and acute care of injuries and illnesses to the upper extremity. *Prerequisites: AT 3396, L396 (first-year status).*
- AT L397 Evaluation of Athletic Injuries and Illnesses II Clinical Experiences (1-1)**  
Acquaints the entry-level athletic training student with the knowledge of athletic training and educational competencies in the clinical proficiencies of injury prevention, assessment and evaluation, acute care of injuries and illnesses to the upper extremity. *Prerequisites: AT 3396, L396. Co-requisite: AT 3397 (first-year status).*
- AT 4447 Therapeutic Modalities (2-2)**  
Acquaints the entry-level athletic training student with athletic training educational competencies as they relate to the use of therapeutic modalities. *Prerequisites: AT 3397, L397 (second-year status).*
- AT 4448 Therapeutic Exercises (2-2)**  
Acquaints the entry-level athletic training student with the knowledge of the athletic training educational competencies as they relate to the use of therapeutic exercises. *Prerequisites: AT 3301, 4447 (second-year status).*
- AT 4401 Clinical Experiences in Athletic Training (2-3)**  
Acquaints the entry-level athletic training student with athletic training educational competencies in the clinical proficiencies as they relate to pharmaceutical products, poison control services, administration of bronchodilators and epinephrine, and recognition of the signs, symptoms and predisposing conditions associated with general medical diseases and conditions. Clinical hours will not exceed 20 hours per week. *Co-requisite: AT 3349 (third-year status).*
- AT 4402 Athletic Training Field Experience (12-12)**  
Acquaints the entry-level athletic training student with the opportunity to gain practical experience within a clinical and or traditional setting. The student will apply didactic academic preparation at their chosen professional setting. *Prerequisite: AT 4401.*

---

## BIOLOGY COURSES (BIO)

- BIO 1100 Principles of Biology (3)**  
Biological principles including chemistry of life, cell structure and function, bioenergetics, cell reproduction, heredity, and ecology. Credit for this course cannot be applied toward any curriculum in biology. *Co-requisite: BIO L100.*
- BIO L100 Principles of Biology Lab (1-2)**  
Measurements, microscopy, ecology, cell structure, bioenergetics, cell reproduction, and heredity. *Co-requisite: BIO 1100.*
- BIO 1101 Organismal Biology (3)**  
Biological concepts and life processes of protists, fungi, plants, and animals. *Prerequisites: BIO 1100, L100. Co-requisite: BIO L101.*
- BIO L101 Organismal Biology Lab (1-2)**  
Survey of organisms from selected phyla, including anatomy, phylogeny, and life histories. *Prerequisites: BIO 1100, L100. Co-requisite: BIO 1101.*
- BIO 1110 Survey of the Human Body (3)**  
Biological principles related to the role of humans in an ecosystem, with emphasis on the structure and function of the human body. Credit for this course cannot be applied toward any curriculum in biology. *Co-requisite: BIO L110.*
- BIO L110 Survey of the Human Body Lab (1-2)**  
Human physiology and the role that humans play in the biosphere. Credit for this course cannot be applied toward any curriculum in biology. *Co-requisite: BIO 1110.*
- BIO 2202 Principles of Environmental Science (3)**  
The consequences of human activities on the environment, emphasizing current global problems,

106 · COURSE DESCRIPTIONS

social attitudes, and potential solutions. *Prerequisites: BIO 1100, L100. Co-requisite: BIO L202.*

**BIO L202 Principles of Environmental Science Lab (1-3)**  
Laboratory and field-oriented experiences designed to enhance understanding of environmental concepts and issues. *Prerequisites: BIO 1100, L100. Co-requisite: BIO 2202.*

**BIO 2205 Career Opportunities in Medicine and Allied Health Professions (1)**  
An introduction to medicine and allied health professions, including academic requirements, job opportunities, and future trends. Professionals from

preparation techniques for the light and electron microscope. *Prerequisites: BIO 1101, L101, CHM 1143, L143.*

**BIO 3372 Microbiology (3)**  
Fundamentals of microbiology including historical

108 · COURSE DESCRIPTIONS

ervation and labeling, environmental and occupational regulations, Federal Trade Commission regulations, Kosher and Halal food laws, and topics in biotechnology. *Prerequisite: BIO 3372/L372.*  
*Corequisite: BIO 4414/L414.*

**BIO 4420 Field Vertebrate Zoology (4-7)**

The basics of vertebrate identification, with emphasis on phylogeny, anatomy, morphology, life histories, habitats, distributions, and conservation. *P Pre*

**BIO L448 Mammalogy Lab (1-3)**  
Structural features, identification, and classification

110 · COURSE DESCRIPTIONS

**BIO 4482 Molecular Biology (3)**

Fundamental principles of chromosomal organization and gene expression, with emphasis on the structure and function of nucleic acids and proteins. *Prerequisites: BIO 3320, L320, 3372, L372, CHM 3343, L343. Co-requisite: BIO L482.*

**BIO L482 Molecular Biology Lab (1-3)**

Experimental approaches in molecular analyses of nucleic acids and proteins, with the emphasis placed on common techniques utilized in clinical and research settings. *Prerequisites: BIO 3320, L320, 3372, L372, CHM 3343, L343. Co-requisite: BIO 4482.*

**BIO 4488-4489-4490 Internship in Biological or Environmental Science (1 to 3 credit hours per course per semester)**

Supervised work experience in the biotechnology industry, medical field, a governmental agency, business or industry, public service organization, foo3 0 TScye bi,

principles learned in the Survey of Chemistry  
course lectures. *Co-requisite: CHM 1115.*



**CHM 4444 Advanced Inorganic Chemistry (3)**

Spectroscopy of inorganic molecules, detailed molecular orbital applications, descriptive chemistry of the transition elements, including organometallic and bioinorganic compounds. *Prerequisites: CHM 2242 and 3381.*

**CHM L444 Advanced Inorganic Laboratory (1)**

Preparation and characterization of inorganic compounds. Experience will be provided in techniques such as using a tube furnace and handling air-sensitive compounds with a glove bag and Schlenk line. *Co-requisite or prerequisite: CHM 4444.*

**CHM 4445 Instrumental Analysis (3)**

The operating principles of modern analytical instrumentation for determining composition and concentration. *Prerequisites: CHM 2242, CHM 3343; PHY 2253 and L253 or PHY 2263 and L263. Co-requisite: CHM L445.*

**CHM L445 Instrumental Analysis Laboratory (1)**

The practical application of select modern analytical instruments to qualitative and quantitative examination of matter. Considerable attention is given to the instrument and elementary electronics involved in each. *Co-requisite: CHM 4445.*

**CHM 4474 Internship in Chemistry Education (9)**

The Professional Internship Program is the culmi-

tor. Issues in private security concerning ethics, law, and policy, as well as administration, are considered.

**CJ 3345 Criminology (3)**

An examination of crime, overall and by category, and an examination of theories of crime causation, their research support and their impact on social policy, categories of crime, etc. The criminological theories covered will be classical, biological, sociological, psychological, economic, and multidisciplinary.

**CJ 3352 Constitutional Law in Criminal Justice (3)**

Constitutional provisions which are relevant to criminal law and procedure, their construction and development through court interpretation, and their application in criminal proceedings.

**CJ 3365 Victimology (3)**

This course provides an opportunity for the student to gain an understanding of the crime victim's position and issues with the criminal justice system. Specifically, trends, applied responses to victimization, offender-victim relationships, typologies, measuring victimization, and prevention are examined.

**CJ 3367 History of Criminal Justice (3)**

Upon completion of the course the student must have demonstrated his/her knowledge of criminal justice systems from approximately 1700 B.C. to the present. With that knowledge and comprehension, the student should be able to analyze and apply lessons learned from that historical context to current situations in the United States Criminal Justice System.

**CJ 3375 Introduction to Social Scientific Inquiry (3)**

Principles of pure and applied research for the social sciences. Special emphasis is given to the types of research methods employed by social scientists including survey techniques, field research, quasi-experimental designs and analytical procedures currently used in the social sciences. *Prerequisite: General studies math.*

**CJ 3376 Application of Social Scientific Inquiry (3)**

A detailed description of what social scientists do with the information they gather. Particular attention is given to descriptive and inferential statistics, the relationship between research and policy, evaluation research, and research ethics. *Prerequisite: General studies math.*

**CJ 4415 Correctional Systems and Practices (3)**

An examination of the day-to-day operations and practices in modern correctional facilities in the local, state, and federal systems.

**CJ 4420 Comparative Criminal Justice (3)**

A comparative examination of criminal justice systems throughout the world with specific attention given to legal and political systems, organization and methods of law enforcement, jurisprudence, correctional policies, and practices. Theoretical frameworks, models, and propositions ad-

ressing crime across various societies are also considered.

**CJ 4421 Ethics in Criminal Justice (3)**

An introduction to concepts of ethics and an examination of contemporary ethical issues in the field of criminal justice.

**CJ 4430 Selected Topics in Criminal Justice (3)**

An examination of a criminal justice topic chosen for its current or special interest and importance and that is not given in-depth coverage in other courses; selection topics will vary with each course offering (although a particular topic may be offered more than once.)

**CJ 4435 Grant Writing (3)**

A detailed examination of how to apply to governmental and private entities for funding of various programs and projects in the field of criminal justice.

**CJ 4440 Terrorism (3)**

A critical examination and analysis of major issues, definitions, and controversies associated with the development of terrorism in the modern world. Historical, religious, and psychological and sociological aspects and explanations of terrorism will be covered, along with the characteristic means and methods terrorist groups employ.

**CJ 4442 Criminal Investigation and Evidence (3)**

A detailed examination of what is necessary to solve criminal cases and prove guilt beyond a reasonable doubt in court. Emphasis on leadership and management actions taken to enhance investigative efforts in law enforcement operation.

**CJ 4445 Current Issues in Law Enforcement Operations and Administration (3)**

A detailed examination of applied concepts of leadership and problem solving in law enforcement operations and administrations. Special emphasis is attached to current problems surfacing in law enforcement.

**CJ 4446 Current Issues in Correctional Operations and Administration (3)**

A detailed examination of applied concepts of leadership and problem solving in corrections and administration. Special emphasis is attached to current problems surfacing in corrections.



- COM 2222 Introduction to Human Communication (3-3)**  
This course presents a broad survey of issues within the growing field of research, theory and practice in Communication. The course will cover concepts ranging from interpersonal communication to communication in popular culture to causes and remedies for conflicts. This course will also address the roles of community, media, culture and other factors that all affect the way human being communicate with one another.
- COM 2241 Fundamentals of Speech (3-3)**  
This course is a study of the principles and practices basic to public speaking. This course is designed to enhance the student's verbal and non-verbal communication skills through oral communication theory and practical application.
- COM 2243 Honors Fundamentals of Speech (3-3)**  
Study and application of the principles and practices basic to all areas of oral communication. As part of the university's Honors Program, the course is designed to achieve the student's leadership objectives through improved verbal and non-verbal communication skills by means of a focus on one substantive area of interest.
- COM 3324 Gender Communication (3-3)**  
This course examines the communication styles of males and females emphasizing gender-related communication behavior and its implications for the ability to maintain effective personal and professional relationships. *Prerequisite: COM 2241 or permission of instructor.*
- COM 3326 Conflict Management (3-3)**  
This course is designed to offer students opportunities to enhance and improve their communication techniques and skills in conflict management. The course teaches students communication methods to manage productively interpersonal disputes between/among parties. It emphasizes building partnerships and long-term positive relationships in the business world and in one's personal life. *Prerequisite: COM 2241 or permission of instructor.*
- COM 3328 International/Intercultural Communication (3-3)**  
This course is designed to introduce students to the basic concepts, principles, and skills needed for improving communication among persons from different minority, racial, ethnic and cultural backgrounds. *Prerequisite: COM 2241 or permission of instructor.*
- COM 3330 Interviewing (3-3)**  
Study of the principles and practices of professional and personal interviewing, with an emphasis on oral communication and related topics such as resume writing.
- COM 3341 American Public Address (3-3)**  
Study of the history and rhetorical criticism of major American speakers and their speeches from the Colonial to the Contemporary periods, with references to their biographical, intellectual, political and social contexts.
- COM 3342 Argumentation and Debate (3-3)**  
Study and application of the principles of argumentation and debate, including selected aspects of the management of a program of competitive forensics. *Prerequisite: COM 2241 or permission of the instructor.*
- COM 3345 Group discussion and Leadership (3-3)**  
Study and application of the principles and practices of group problem solving through the study of the dynamics of discussion and group leadership.
- COM 4400 Special Topics in Communication Studies (1-3/1-3)**  
Examination of selected topics in communication studies not included in the established curriculum. Content may be of a historical, thematic, or technological nature. May be repeated for credit. *Prerequisite: COM 2241*
- COM 4420 Propaganda and Persuasion(3-3)**  
This course will explore influence techniques in print, graphics, traditional media and social reality as they migrate to interactive spaces. The course will first examine the history and fundamentals of persuasion, influence, and coercion, and then look at how they have been adapted for use in today's interactive contexts. Throughout this course there will be a discussion of the relative ethics of using propagandistic/persuasive techniques for different purposes. *Prerequisite: COM 2241*
- COM 4422 The Rhetoric of the Civil Rights Movement (3-3)**  
This course will focus on civil rights discourse and its relationship to equality and participation in the U.S. and other nations worldwide. Using the struggle of African Americans as an instructive exemplar, this course will examine the philosophical concepts, political issues, moral complexities, and discursive characteristics of civil rights rhetoric. *Prerequisite: COM 2241*
- COM 4424 Rhetorical and Communication Theory (3-3)**  
This course presents an introduction to rhetorical theory and communication theory; students will gain experience in applying theoretical approaches to practical applications in criticism and analysis of communication. Students will gain insights into how to communicate effectively in writing, visually and orally as well as how to analyze critically communication occurring in a wide array of contexts and for different purposes, from private and interpersonal settings to public and professional arenas. *Prerequisite: COM 2241*
- COM 4426 Organizational Communication (3-3)**  
This course presents both historical and current perspectives on the origins and usefulness of organizational theory relating to communication issues; it emphasizes the relationship between organizational life and communication principles; and provides both theory and the opportunity for the practical

116 · COURSE DESCRIPTIONS

application of communication

ing, sorting, string matching, and the application of recursive techniques. The course will place an emphasis on the implementation of various algorithms and data structures. *Prerequisites: CS 2260 and MTH 2215.*

- CS 3331 Fundamentals of Artificial Intelligence (3)**  
Approaches to the definition of artificial intelligence and to the design and implementation of intelligent computer systems. Topics include the Turing Test, Sourly; Chinese Room, blackboard systems, logic programming, knowledge based systems, scripts and schemas, and heuristic search techniques. *Prerequisite: CS 3323 or CS 3330.*
- CS 3332 Software Engineering I (3)**  
Topics are presented that focus on the design and development techniques for large high quality software systems. They include project management issues, analysis and design methods, and approaches to testing. *Prerequisite: CS 3323 or CS 3330.*
- CS 3339 Fundamentals of Object-Oriented Programming (3)**  
The conceptual framework for object-oriented programming and systems. Topics include classes, data hiding, modularity, inheritance, and reusable code. They are presented through the use of some object-oriented language. *Prerequisite: CS 3323.*
- CS 3347 Advanced Programming II (3)**  
Provides student the opportunity to gain experience and training in an additional high level language.

118 · COURSE DESCRIPTIONS

**CS 4449    Applied Networking (3)**  
Computer networks and the use of computer net-

**DRA 3321 Scenic Design (3-3)**

The principles and techniques of drafting and designing in a variety of theatrical spaces. *Prerequisite: DRA 2221 and completion of the DRA 2245 rotation or permission of the instructor.*

**DRA 3330 Special Topics in Theatre (1-3 hours variable credit)**

Examination of selected topics in theatre not included in the established curriculum. Content may be of a historical, thematic, technological, design, or specialized performance nature. May be repeated for credit.

**DRA 3331 Costume Design (3-3)**

A study of the theory, principles, and techniques of costume design applied to a series of theatrical projects. *Prerequisite: Completion of the DRA 2245 rotation or permission of the instructor.*

**DRA 3344 Lighting Design (3-3)**

A study of the principles of lighting design and equipment applications. Also covers drafting techniques for lighting. *Prerequisite: DRA 3304 and completion of the DRA 2245 rotation or permission of the instructor.*

**DRA 3345 Advanced Stagecraft Lab (1-3)**

A continuation of Stagecraft Lab designed for the upper level student. *Prerequisites: DRA 2245 rotation or permission of instructor.*

**DRA 3350 Script Analysis (2-2)**

Focuses on the nature of the text, playwright's purpose, dramatic structure, and style. The course will examine how the actor, director, designer, and technician approach a play and how that understanding translates into the staging.

**DRA 3352 Sound Techniques (2-2)**

A study of digital and analog recording techniques, recording equipment, and application.

**DRA 3354 Rendering Techniques for the Theatre (2-2)**

A study and application of traditional and experimental techniques for theatrical rendering, including watercolor, markers, pastels, pencils, and other media.

**DRA 4441 Oral Interpretation (2-2)**

Study and application of the principles and practices of oral interpretation.

ingo87 3I In.6( )6.6: DRA 26( )TJ2.7.0025 J0 -e076(aO)ndiner( d9-0.nd)7( )TJ/T pra(r7.5(a.4( p-9 Tw(transla)5-r)7.2(aditonal and exp-2



**ECD 4461 Advanced Applied Spatial Analysis for Business (3)**

This course prepares students to conduct advanced economic development-related research through the application of geographic information systems software. *Prerequisite: ECD 3362*

**ECD 4499 Field Experiences in International Economic Development (3)**

This course integrates academic knowledge with practical skills to develop professional abilities through economic development fieldwork. *Prerequisites: ECD 3360, 3362.*

literacy experiences including technology. *Prerequisite: Admission to TEP.*

**ECE 3350 Portrait of a Learner: Symbolic Function (3)**

The purpose of this course is to assist students as they investigate and construct operational knowledge of young children's symbolic thought and representation through play, art, music, movement and drama. This course includes extensive laboratory experiences where students inewhere

## EARLY CHILDHOOD EDUCATION COURSES (ECE)

---

**ECE 3310 Portrait of a Learner: Logico-Mathematical Knowledge (3)**

The purpose of this course is to assist students as they investigate and construct operational knowledge of young children's construction of logico-mathematical knowledge. This course includes extensive laboratory experiences where students interact with diverse learners through observation and participation in the application of appropriate logico-mathematical knowledge experiences including technology and the investigation and evaluation of children's thinking. *Prerequisite: Admission to the Teacher Education Program (TEP).*

**ECE 3320 Portrait of a Learner: Physical Knowledge (3)**

The purpose of this course is to assist students as they investigate and construct operational knowledge of young children's construction of physical knowledge. This course includes extensive laboratory experiences where students interact with diverse learners through observation and participation in the application of appropriate physical knowledge experiences including technology and the investigation and evaluation of children's thinking. *Prerequisite: Admission to TEP.*

**ECE 3330 Portrait of a Learner: Social and Moral Development (3)**

The purpose of this course is to assist undergraduate students as they investigate and construct operational knowledge of children's social development. In addition, the undergraduate will interact with diverse learners through observation and participation in the application of appropriate social development experiences, including technology along with the investigation and evaluation of children's construction of social knowledge. *Prerequisite: Admission to TEP.*

**ECE 3340 Portrait of a Learner: Language Acquisition (3)**

The purpose of this course is to assist students as they investigate and construct an operational knowledge of young children's language and literacy acquisition. This course includes extensive laboratory experiences where students interact with diverse learners through observation and participation in the application of appropriate language and

ence. *Prerequisite: Admission to TEP; Co-requisite: ECE 4454.*

- ECE 4491–4492 Guided Independent Research(1-3)**  
Additional information is indexed under Guided Independent Research and Study.

### ECONOMICS COURSES (ECO)

- ECO 2251 Principles of Macroeconomics (3)**  
Macroeconomic theory of the national economy with emphasis on income, employment, banking, and public policy.
- ECO 2252 Principles of Microeconomics (3)**  
Microeconomic theories of value, production, distribution of income, and basic international economic analysis.
- ECO 2270 Personal Finance and Economics (3)**  
Business economics and personal finance in modern society.
- ECO 3353 Money and Banking (3)**  
Principles of money, credit, and banking including monetary systems, theories, and commercial banking operations related to the Federal Reserve System. *Prerequisite: ECO 2252.*
- ECO 3355 Labor Economics (3)**  
Employment, unionism, labor-management relations and human capital. *Prerequisite: ECO 2252.*
- ECO 3357 Managerial Economics (3)**  
Theory and determination of prices. *Prerequisite: ECO 2252.*
- ECO 3358 Macroeconomics for Managers (3)**  
An analysis of economic growth, income, employment and price levels. *Prerequisite: ECO 2252.*
- ECO 4451 International Trade (3)**  
Principles underlying international trade and international finance. *Prerequisite: ECO 2252.*
- ECO 4453 Public Finance (3)**  
An analysis of the principles underlying government expenditure and taxation programs presented from both a theoretical and a pragmatic perspective. *Prerequisite: ECO 2252.*
- ECO 4555 Comparative Economic Systems (3)**  
An analysis of the economic systems of capitalism and socialism focusing upon how a multitude of specific nations in the Americas, Europe, and Asia, such as the United States, Mexico, Germany, Poland, Japan, and China, et al., arrange and conduct economic affairs in the 21<sup>st</sup> century. *Prerequisite: ECO 2251 or ECO 2252.*

- ECO 4459 Economics Seminar (3)**  
Current problems in economics. *Prerequisite: ECO 2252.*

### EDUCATION COURSES (EDU)

- EDU 2200 Introduction to Interpreting: Professional Identity and Ethical Considerations (3)**  
Introduces basic principles and practices of interpreting, professional orientation and identity, including history of the profession and the Code of Ethics. Ethical decision-making models are introduced and professional certification and licensure are described. *Prerequisite: ASL 2242 or Intermediate on the SCPI or permission of instructor.*
- EDU 3305 Microcomputers in Education (3)**  
This course is designed to introduce prospective teachers to currently available technology and to prepare them to use various media for their own education as well as in their professional careers. Students are expected to become comfortable in the use of various media and to explore the possibilities for the use of media in the classroom. Emphasis is given to ways in which multimedia can be used to meet the needs of the varying learning styles.
- EDU 3310 The Professional Educator (3)**  
This course provides a broad overview of education, teaching and schools, and an orientation to the Teacher Education Program. Multiple field experiences in school settings are required as part of the course. *This is a prerequisite course for most other education courses.*
- EDU 3360 Models of Interpretation / Transliteration (3)**  
Students will be introduced to various interpreting models, including the Process Model, the Cokely Model, and the Colonos Model. Students will use the models to analyze interpretations. Self-assessment techniques will be taught and Demand-Control theory will be introduced. *Prerequisite: Permission of instructor.*
- EDU 3362 Manual Codes for English (3)**  
Focuses on the communication modes typically used by deaf children in public schools. Studies involve various manual codes for English such SEE II and Conceptually Accurate Signed English (CASE), Pidgin Signed English, and the Rochester Method. Simultaneous communication skills are developed. *Prerequisite: ASL 1142 or SCIP rating of Survival Plus or permission of instructor.*
- EDU 3364 Introduction to Educational Interpreting/Transliterating (3)**  
*This course surveys the field of interpreting in educational settings. The focus of the course is on an analysis of the educational environment's impact on the deaf/hard of hearing student and the myriad roles of an interpreter in these settings. Guidelines of professional conduct are presented and specialized subject vocabulary is introduced. Prerequisite:*





124 · COURSE DESCRIPTIONS

for a period of one full semester. The student will demonstrate skills of the informed, reflective decision maker throughout the internship experience. *Prerequisite: Admission to TEP. Co-requisite: ELE 4454.*

**ELE 4491-4492 Guided Independent Research (1-3)**

Undergraduate research with attention to critical evaluation of research techniques, methods and procedures. *Prerequisites: junior or senior standing with a minimum overall GPA of 3.0, permission of guiding professor, approval of department chairperson or dean. A written request is to be submit-*

**ENG 2219 Literature and Scholarship (2)**  
Philosophy and practice of literary scholarship,

126 · COURSE DESCRIPTIONS

narrative, autobiography, lyric in prose, and New Journalism. *Prerequisite: 6 semester hours of 2000-*

- ENG 4414 British Novel Before 1900 (3)**  
Representative novels by British writers of the 18th and 19th centuries. *Prerequisite: 6 semester hours of 2000-level English courses*
- ENG 4415 American Renaissance (3)**  
Selections from the major writers of the American literary renaissance, including such writers as Emerson, Thoreau, Hawthorne, Melville, Whitman, and Dickinson. *Prerequisite: 6 semester hours of 2000-level English courses*
- ENG 4416 Nineteenth-Century American Novel (3)**  
Study of representative American novels of the 19th century. *Prerequisite: 6 semester hours of 2000-level English courses*
- ENG 4417 Modern Short Story (3)**  
Examination of 20th and 21st century short stories. List of stories may vary with each offering. *Prerequisite: 6 semester hours of 2000-level English courses*
- ENG 4418 British Culture on Location (3)**  
An intensive presentation of British culture on-site in London, Oxford, and other important British locations.
- ENG 4419 Advanced Writing (3)**  
Provides students the opportunity to write, review, and evaluate texts relevant to the professions they plan to enter and to apply rhetorical analysis to specific writing situations. *Prerequisite: 6 semester hours of 2000-level English courses*
- ENG 4421 English Novel (3)**  
Selected 18th, 19th, and 20th century novels written in English. *Prerequisite: 6 semester hours of 2000-level English courses*
- ENG 4422 Dramaturgy I (3)**  
Study of selected classical, period, and contemporary plays, with emphasis on dramatic techniques, character development, and production. List of plays may vary with each offering. May require attending local productions during rehearsal and regular performances. *Prerequisite: 6 semester hours of 2000-level English courses.*  
*NOTE: Only one dramaturgy course may be used in English major or minor.*
- ENG 4423 Dramaturgy II (3)**  
Continuation of study of selected classical, period, and contemporary plays, with emphasis on dramatic techniques, character development, staging, and production. List of plays may vary with each offering. May require attending local productions during rehearsal and regular performances. *Prerequisite: 6 semester hours of 2000-level English courses.* *NOTE: Only one dramaturgy course may be used in English major or minor.*
- ENG 4425 Modern Novel (3)**  
Study of representative novels written in English in the 20th and 21st centuries. *Prerequisites: 6 semester hours of 2000-level English courses*
- ENG 4426 Modern Poetry (3)**  
Study of 20th- and 21st-century poetry. *Prerequisite: 6 semester hours of 2000-level English courses*
- ENG 4427 Contemporary American Literature (3)**  
Examination of representative American literature from the postmodern period (1960-present), with special emphasis on the diversity of themes, styles, and cultural contexts influencing the literary marketplace. Course readings may vary with each offering. *Prerequisite: 6 semester hours of 2000-level English courses*
- ENG 4428 The Age of Johnson (3)**  
A study of the works of Samuel Johnson and of his most important contemporaries, from about 1745 to 1798. *Prerequisite: 6 semester hours of 2000-level English courses*
- ENG 4430 Shakespeare I: The Tragedies (3)**  
Study of major and minor tragedies, with some attention to non-dramatic poetry. List of plays may vary with each offering. *Prerequisite: 6 semester hours of 2000-level English courses*
- ENG 4431 Shakespeare II: The Comedies (3)**  
Study of comedies and romances. List of plays may vary with each offering. *Prerequisite: 6 semester hours of 2000-level English courses*
- ENG 4432 Shakespeare III: The Histories (3)**  
Study of history plays, especially those concerning



Kyd, Marlowe, Beaumont, Fletcher, Jonson, and Webster. *Prerequisite: 6 semester hours of 2000-level English courses*

**ENG 4453 English Drama through the 18th Century (3)**  
 English drama (excluding Shakespeare) from the 9th through the 18th century. *Prerequisite: 6 semester hours of 2000-level English courses*

**ENG 4460 Victorian Poetry (3)**  
 A study of Victorian poetry, with emphasis upon the works of Tennyson, Browning, Arnold, and Hardy. *Prerequisite: 6 semester hours of 2000-level English courses*

**ENG 4461 Victorian Prose (3)**  
 A survey of the works of major Victorian prose writers, with emphasis upon the works of Carlyle, Newman, Mill, Ruskin, Arnold, and Pater. *Prerequisite: 6 semester hours of 2000-level English courses*

**ENG 4465 African American Literature (3)**  
 Study of the major African American writers from the beginning of American history to the present. *Prerequisite: 6 semester hours of 2000-level English courses*

**ENG 4474 Internship in English/Language Arts Education (9)**  
 The Professional Internship Program is the culminating clinical field-based experience for students seeking certification in a teaching field. The Professional Internship Program provides the student with the opportunity to conduct classes and assume the role of a teacher while receiving supervision from a classroom teacher and a university supervisor for a period of one full semester. The student will demonstrate skills of the informed, reflective decision maker throughout the internship experience. *Prerequisite: Admission to TEP. Corequisite: SED 4454.*

**ENG 4478 Theory and Practice of Composition: Writing and Learning Across the Curriculum (3)**  
 A study of the methodology of teaching English composition and practice in advanced writing techniques. *Prerequisites: Six semester hours of 2000-level English courses.*

**ENG 4481 Methods and Materials for the Secondary Teacher (3)**  
 A survey of teaching methods and materials appropriate for teaching in the content areas for grades 6-12 in public schools, conlabo7.6(lr0.5(a)ptn)7.5( tith ts)

- FIN 3332    Managerial Finance II (3)**  
Second course in a sequence of managerial finance.  
Continuation of FIN 3331 with focus on topics in  
financial management not covered in FIN 3331.  
*Prerequisite: FIN 3331.*
- FIN 3333    Financial Mathematics (3)**  
Analysis of time value of money as it applies to  
loans, securities, banks, annuities, and insurance.
- FIN 3334    Financial Statement Analysis (3)**  
The process of understandi

## FRENCH COURSES (FRN)

---

*Note: For additional information, see Placement in Academic Courses.*

**FRN 1101    Introductory French I (3)**  
Introduction to the French language and culture.

**FRN 1102    Introductory French II (3)**  
Introduction to the French language and culture.  
*Prerequisite: FRN 1101 or permission of instructor.*

**FRN 2201    Intermediate French I (3)**  
Reinforcement of fundamental skills, study of sophisticated language structures and reading of simple French prose and poetry. *Prerequisite: FRN 1102 or permission of instructor.*

**FRN 2202    Intermediate French II (3)**  
Reinforcement of grammatical skills, reading of simple French prose and poetry, composition and conversation. *Prerequisite: FRN 2201 or permission of instructor.*

**FRN 3301    Advanced French I (3)**  
Advanced-level reading, intensive work on composition, comprehensive treatment of French phonetics. *Prerequisite: FRN 2202 or permission of instructor.*

**FRN 3302    Advanced French II (3)**  
Advanced-level reading, intensive work on composition, aural comprehension, and practical conversation facility. *Prerequisite: FRN 2202 or permission of instructor.*

**FRN 3303    French Culture and Civilization (3)**  
A survey of the geography, history, cultural achievements, institutions and daily life of the French. *Prerequisite: FRN 1101 or permission of instructor.*

*Freof D440lp-1.24 TD0 Tc-S-3.3(cu)6l.008. structtor.00Loc 1 TtF1 Tf3-TBA*

**GEM L309 Land Parcel Administration and Law Lab (1)**

This laboratory explores the impact of land survey law on the practice of surveying and mapping in the state of Alabama. Focuses on the practice of writing legal descriptions, the structure of the U.S. Public Land Survey System, and courthouse research. *Co-requisite: GEM 3309.*

**GEM 3310 Land Survey Practice (3)**

The issues of boundary location and retracement are central to this course. Focuses on Alabama survey history, the practice of surveying in Alabama, professional ethics, and the Standards of Practice for Surveying in Alabama. *Prerequisite: GEM 3309.*

**GEM L310 Boundary Retracement Seminar (1)**

The student gains practical field experience in an off-campus field boundary retracement project provided as a joint effort of Troy University, the Alabama Society of Professional Land Surveyors, and the Federal Bureau of Land Management. *Prerequisite: GEM 3310.*

**GEM 3330 Advanced Measurement Analysis (3)**

Survey equipment calibration, survey astronomy, topographic mapping, control leveling, instrumentation error, and the propagation of error through survey calculations. This course is the second

course of a one-year (1 Tr) 4r, cap pro6.6d4 1 3e: 002 Tc0.0031 Tw[9]-s.-9.56 -1.0333 TD0-1.rnt Seminar (1), p p Tr

132 · COURSE DESCRIPTIONS

systems and land management. The course also provides further study in database design, digital base map analysis and testing, and spatial analysis. *Prerequisite: GEM 3390 or consent of the instructor.*

**GEM L391 Applications of GIS Lab (1)**

This laboratory provides the student the opportunity to learn and use ArcInfo GIS to accomplish a full range of GIS applications.

**GEM 4405 Route and Construction Surveying (2)**

Explores the theoretical foundations of route and construction surveying. Course topics are coordinate geometry (COGO), horizontal and vertical curve models, spirals, alignments, stationing, cross sections, areas, volumes, and route design elements. *Prerequisites: GEM 1100 or the equivalent, and GEM 3330. Co-requisite: GEM L405.*

**GEM L405 Route and Construction Surveying Lab (1)**

This field laboratory applies the principles of route and construction surveying, the use of civil design software, and the use of data collectors for practical design and field layout. *Co-requisite: GEM 4405.*

**GEM 4407 Land Development (1)**

Explores the concepts and problems associated with the design and construction of subdivisions and related infrastructure. *Prerequisites: GEM 1100 or the equivalent, and GEM 4409. Co-requisite: GEM L407.*

**GEM L407 Subdivision Design Practice (1)**

This computer laboratory provides the student the opportunity to design and create those drawings necessary for local government approval of the typical subdivision. *Co-requisite: GEM 4407.*

**GEM 4409 Hydrology (3)**

Explores several models used to compute runoff estimates based on particular rainfall events. Course topics are the hydrologic cycle, rainfall

needed to develop and transmit spatial databases for use by a variety of interests on the World Wide Web. "Remote" spatial data analysis on existing databases will be an important component of the course. *Prerequisite: GEO3370*

- GEO 4485 GIS/Spatial Data Modeling (3)**  
This course concentrates on the various components of precision modeling of the real world or anticipated events of the real world to allow for accurate decision making. *Prerequisite: ECD 3362 or permission of instructor. Corequisite: GEO L485*
- GEO L485 GIS/Spatial Data Modeling Laboratory (2)**  
*The purpose of this lab is to allow the students to demonstrate their ability to collect, formulate, analyze, and draw conclusions based upon a real world modeling exercise. Prerequisite: ECD 3362 or permission of instructor. Corequisite: GEO 4485*
- GEO 3300 Principles of Physical Geography (3)**  
Earth geography including climate, soils, natural vegetation, water resources, rocks, minerals, and surface structures.
- GEO 3301 Principles of Cultural Geography (3)**  
Interrelationship of geographical elements in various world situations.
- GEO 3307 Geography of Europe (3)**  
Selected topic studies in the physical and cultural environment, resource distribution, economy, and population characteristics of the European-Slavic land areas. Special attention will be devoted to the study of the geo-political influence of this area or least developed nations and the U. S.
- GEO 3312 Geography of Latin American (3)**  
An analysis of the major physical and cultural aspects of Middle and South America. *Prerequisite: Nine hours of social science.*
- GEO 3326 Geography of the Russian Realm (3)**  
An analysis of the physical and cultural aspects of Russia and the other former republics of the Soviet Union. *Prerequisite: Six hours of social science.*
- GEO 3331 Geography of the Middle East and North Africa (3)**  
Physical setting, resource distribution, economy, population characteristics, and geopolitical importance of the region.
- GEO 3350 Weather and Climate (3)**  
A study of the physical properties of weather and climate. *Prerequisite: Twelve hours of science or social science.*
- GEO 4402 Political Geography (3)**  
Analysis of the reciprocal effects of geography and political organization on the behavior of states including boundaries and frontiers, national resources, spatial strategy, and maritime power.

**GEO 4403 Conservation (3)**

The conservation of natural and human resources with emphasis on population expansion as the major element in changing ecology.

**GEO 4404 Economic Geography (3)**

ior or senior standing, with a minimum overall GPA of 3.0, permission of guiding professor, approval of department chair or dean. A written request is to be submitted to the department chair at least two weeks in advance of the term in which the study is to be undertaken. May not be used to repeat a course for which a grade of D or below has been earned. Application forms are available in the office of University Records. Guided independent research may be taken only in the applicant's major or minor field. Also see index for "Independent Study and Research."

Study. Also see index for "Independent Study and Research."

---

## HISTORY COURSES (HIS)

---

- GEO 4498 Honors Independent Study (1 to 3 credit hours)**  
Advanced research and study for outstanding students in their major field. Culminates in report to a department committee which includes invited faculty members in related fields.

---

## GERMAN COURSES (GER)

---

*Note: For additional information, see Placement in Academic Courses.*

- GER 1121 Introductory German I (3)**  
Introduction to the German language and culture.
- GER 1122 Introductory German II (3)**  
Introduction to the German language and culture. Prerequisite: GER 1121 or permission of instructor.
- GER 2221 Intermediate German I (3)**  
Emphasis on basic language skills and knowledge of German culture. *Prerequisite: GER 1122 or permission of instructor.*
- GER 2222 Intermediate German II (3)**  
Emphasis on basic language skills and knowledge of German culture. *Prerequisite: GER 2221 or permission of instructor.*
- GER 4493-4494 Guided Independent Study (1-3 credit hours per course per semester)**  
Additional information is indexed under Guided Independent Research and Study.

---

## GREEK COURSES (GRK)

---

*Note: For additional information, see Placement in Academic Courses.*

- GRK 1111 Introductory Greek I (3)**  
Introduction to the ancient Greek language with emphasis on pronunciation, basic vocabulary, fundamentals of grammar, and graded readings.
- GRK 1112 Introductory Greek II (3)**  
Continuation of GRK 1111. *Prerequisite: GRK 1111 or permission of instructor.*

*Note: The study of Greek may be continued under the headings of CLA 4400 Special Topics in Classics and CLA 4493-4494 Guided Independent*

the globe in politics, economics, culture, and technology and examines the wide processes leading to the emergence of the present world.

- HIS 3302 History of Religion in the United States (3)**  
A study of the development of religion in the United States, including denominations, beliefs, church life, and the relationship of religious beliefs to other beliefs and institutions. *Prerequisite: HIS 1111 and 1112 or permission of instructor.*
- HIS 3304 Military History of the United States (3)**  
A study of war in United States history from the Colonial period to the present, with emphasis on the role of warfare in United States history and the relationship of the military to the civilian. *Prerequisite: HIS 1111 and 1112 or permission of instructor.*
- HIS 3306 African-American History (3)**  
An introduction to the history of African Americans from the 17th century to the present, including slavery, Civil War and emancipation, legalized discrimination, and the struggles for equality in present day American society. *Prerequisite: HIS 1111 and 1112 or permission of instructor.*
- HIS 3309 England to 1688 (3)**  
A survey of English history from the Anglo-Saxons to the Glorious Revolution, emphasizing the interaction of geographical, political, economic, and cultural forces which shaped England as a monarchy. *Prerequisites: HIS 1101 and 1102 or permission of instructor.*
- HIS 3310 England since 1688 (3)**  
The final evolution of the English political system from the reign of William and Mary to the contemporary era, including social and economic transformations, the British Empire, the two world wars, the welfare state, and current issues. *Prerequisites: HIS 1101 and 1102 or permission of instructor.*
- HIS 3315 The Vietnam War (3)**  
A study of the period 1946 to 1975 in Indochina with emphasis on the American involvement during and after the French colonial period, escalating involvement of the Kennedy and Johnson administrations, and Vietnamization and withdrawal under President Nixon. *Prerequisites: HIS 1111 and 1112 or permission of instructor.*  
*\*May be used for political science credit.*
- HIS 3316 History of Alabama (3)**  
A study of the demographic, political, social, economic, and religious aspects of Alabama's history, emphasizing the role of the state within the nation. *Prerequisites: HIS 1111 and 1112 or permission of instructor.*
- HIS 3318 History of American Women (3)**  
An introduction to the history of women in America from the 17th century to the present, exploring the major economic, religious, social, and political ideas and developments which have shaped their

status and role in American history. *Prerequisites: HIS 1111 and 1112 or permission of instructor.*

- HIS 3330 Historical Archeology (3)**  
An examination of the historical research methods and archaeological techniques used to investigate and interpret archaeological sites dating from the prehistoric period.
- HIS 3341 Medieval Europe (3)**  
Western Europe from the fall of Rome to the Renaissance, including religious and intellectual traditions and the revival of governmental institutions. *Prerequisites: HIS 1101 and 1102 or permission of instructor.*
- HIS 3342 Renaissance and Reformation (3)**  
Historical review of the transitional centuries bridging the medieval and the modern eras, including the rebirth of art and literature, the Protestant and Catholic reform movements, and the role of kings and states. *Prerequisites: HIS 1101 and 1102 or permission of instructor.*
- HIS 3343 Age of Absolutism (3)**  
Survey of political and religious controversies that shaped affairs in Europe during the 16th and 17th centuries, emphasizing the flowering of monarchy and aristocracy.



**HIS 3375 Research and Methodology (3)**

A course designed to acquaint students with research methods and computer skills as related to the history profession. The principal requirement is the successful completion of a formal research paper in which students will demonstrate proficiency in research, writing, and basic computer skills. *NOTE: It is strongly recommended that history majors complete this course during the first term of their junior year. Prerequisite: Nine semester hours of history, including one of the freshman/sophomore-level series. (Students must receive a grade of C or better for credit toward completion of degree requirements.)*

**HIS 4401 French Revolution and Napoleon (3)**

A study of the absolutist-aristocratic France challenged by democratic-egalitarian ideals and revolution, including the role of Napoleon as conqueror of Europe and as propagator and destroyer of the French Revolution. *Prerequisites: HIS 1101 and 1102 or permission of instructor.*

viet domestic problems, and the disintegration of the USSR. *Prerequisites: HIS 1101 and 1102 or permission of instructor.*

**HIS 4434 Major Personalities in the Development of Civil Rights in America (3)**

Study of important civil rights personages and their writings from Frederick Douglass and other pre-Civil War activists and thinkers to the present. *Prerequisite: HIS 4430.*

**HIS 4435 Historical Geography of North America (3)**

An analysis of the physical and cultural factors in the development of North America from early European settlement to the present. May be used as geography credit. *Prerequisites: HIS 1111 and 1112 or permission of instructor.*

**HIS 4436 Civil Rights in Alabama (3)**

Study of the history of civil rights in Alabama beginning with the Reconstruction period and progressing through central events and developments up to the present. Course emphasis also will include legal developments and important personalities. *Prerequisite: HIS 4430.*

**HIS 4441 American Constitutional Development (3)**

American constitutional system with emphasis upon its origin and evolution via amendments and Supreme Court decisions. *Prerequisites: HIS 1111 and 1112 or permission of instructor. May be used for political science credit.*

**HIS 4445 History of Modern Germany (3)**

Survey of Germanic peoples from the Revolutions of 1848 to the present, emphasizing unification, two world wars, postwar division, and reunification. *Prerequisites: HIS 1101 and 1102 or permission of instructor.*

**HIS 4448 The Westward Movement (3)**

Study of the history of American expansionism and westward movement and its impact on political, economic, and social institutions. *Prerequisites: HIS 1111 and 1112 or permission of instructor.*

**HIS 4450 Environmental History of the U.S. (3)**

An introduction to environmental history of the United States from the 18th century to the late 20th century, emphasizing the post-World War II period. The course will focus on the historical development of the science of ecology, the origins of environmental problems and solutions attempted by government and experts, as well as responses by grassroots activists over time. *Prerequisites: HIS 1111 and 1112 or permission of instructor.*

**HIS 4451 The Far East (3)**

Study of the development and interaction of Chinese, Japanese, and Korean civilizations, the impact of Western cultures, twentieth century conflicts, resolutions and accommodations. *Prerequisites: HIS 1101 and 1102 or permission of instructor.*

**HIS 4454 Western Thought since the 17th Century (3)**

Principal ideas and political thinking from the Age of the Enlightenment to the present. *Prerequisites: HIS 1101 and 1102 or permission of instructor.*

**HIS 4470 Oral History (3)**

An introduction to the methods and practice of oral history.

**HIS 4471 Local History (3)**

An exploration of history, historiographic issues, and methodology of local history in the United States. Provides opportunities to become familiar with sources used in studying local history and to gain practical experience in conducting local history research.

**HIS 4472 Records Management (3)**

An introduction to the scope of managing records in an organization and to the practical tasks associated with establishing a records management program in a business, office of government, or non-profit organization.

**HIS 4473 Archives Practicum (3)**

Provides students with an opportunity to apply their knowledge of archival and records management theory and practice. Students will be assigned to work on projects at an archival repository chosen in cooperation with instructor. May be repeated once as an elective. *Note: Credit in Archival Minor only.*

**HIS 4474 Internship in History Education (9)**

The Professional Internship Program is the culminating clinical field-based experience for students seeking certification in a teaching field. The Professional Internship Program provides the student with the opportunity to conduct classes and assume the role of a teacher while receiving supervision from a classroom teacher and a university supervisor for a period of one full semester. The student will demonstrate skills of the informed, reflective decision maker throughout the internship experience. *Prerequisite: Admission to TEP. Co-requisite: SED 4454.*

**HIS 4481 Methods and Materials for the Secondary Teacher (3)**

A survey of teaching methods and materials appropriate for teaching in the content areas for grades 6-12. Topics addressed will include teacher evaluation in the public schools, collaboration with special education teachers, and lesson planning formats. In addition, teaching methods, selections requisit733c0.orgar

- HIS 4483 Latin American States (3)**  
Cultural, social, political, and economic development in 19th and 20th centuries and international and U.S. relations. *Prerequisites: HIS 1111 and 1112 or permission of instructor.*
- HIS 4490 Senior Seminar in History (3)**  
The capstone course for history majors which synthesizes students' course work through research, historiography, writing, speaking, and reading comprehension. *Prerequisites: senior standing at all institutions and HIS 3375 at Troy University-Dothan campus.*
- HIS 4491-4492 Guided Independent Research (1-3)**  
Additional information is indexed under Guided Independent Research and Study.
- HIS 4493-4494 Guided Independent Study (1-3)**  
Additional information is indexed under Guided Independent Research and Study.
- HIS 4495 Selected Topics in History (3)**  
Historical examination of a designed topic of special and/or current interest and importance, which is generally not covered in regularly offered courses by the department. *Prerequisites: Applicable survey courses and permission of instructor.*
- HIS 4496 Secondary Education Internship — History (9)**  
Additional information is indexed under The Professional Internship Program.
- HIS 4498 Honors-Independent Study (1 to 3 hours-TBA)**  
Advanced research and study for outstanding students in their major field. Culminates in report to a departmental committee that includes invited faculty members in related fields. *Prerequisite: Senior level and 3.5 overall grade point average. Permission of guiding professor and approval of department chair and the dean of arts and sciences. A written request must be submitted to the department chair at least six weeks in advance of the semester the research is to be undertaken.*
- HIS 4499 Internship in History (1-3)**  
Supervised work in an agency that can provide practical experience in the field of study. *Prerequisites: Senior standing, at least 2.5 GPA, 12 hours in upper-division courses in the field, and permission of supervising instructor, department chair and/or dean.*

## UNIVERSITY HONORS PROGRAM COURSES (HON)

*Please see the index for additional information regarding the University Honors Program.*

- HON 1101 Freshman Honors Colloquium (3)**  
The first in a series of interdisciplinary seminars for University Honors Program candidates, combining



**IS 2244 Computer Programming I (3)**

An introduction to a programming language is provided. The course presents programming fundamentals, including program structure, assignment, data types, input/output, flow of control, and functions. It includes top-down design, structured programming using the basic control structures, sequence, decision, and repetition, modularization, and encapsulation. *Prerequisite: Grade of C or higher in IS 2241 and MTH 1112, (MTH 2201 recommended).*

**IS 2260 Computer Programming II (3)**

Advanced programming, including arrays, pointers, strings, the pre-processor, structures, list processing, and advanced I/O, is examined. Emphasis is placed on developing and testing moderately complex programs. *Prerequisite: IS 2244.*

**IS 3300 Introduction to Information Systems (3)**

Introduction to information systems concepts, with an emphasis on describing information systems requirements, managing information resources, and applying information technology to the solution of business and management challenges. *Prerequisite: IS 2241.*

**IS 3320 Data Communication and Computer Networking (3)**

This course covers the theory, hardware and software of computer networks. Emphasis is placed on data communication principles, local area networks, and wide area networks. *Co-requisite: IS 3300.*

**IS 3330 Web Authoring (3)**

A survey of the programming languages and tools used to develop Web-based applications. *Prerequisite: IS 2244 or permission of the instructor.*

**IS 3339 Object-Oriented Programming I (3)**

A conceptual framework is presented for object-oriented programming. Topics discussed include classes, data hiding, member functions, object creation, overloading, inheritance, parametric polymorphism, and reusable code. *Prerequisite: IS 2244.*

**IS 3346 Database Management Systems I (3)**

Introduction to database management and design techniques. Emphasis is on the relational model of database management including data definition and manipulation, database design and normalization concepts, database administration, and database application generation. *Prerequisites: IS 2244 and IS 3300.*

**IS 3349 Object-Oriented Programming II (3)**

Intermediate and advanced object-oriented programming concepts. Topics include error handling and debugging, file handling and database access, dynamic data exchange, creating linked and embedded objects, business graphics and reports, and advanced GUI design concepts. *Prerequisite: IS 3339.*

**IS 3380 Network Operating Systems (3)**

This course covers the deployment and administration of current network operating systems. Emphasis is placed on the practical application of installing and administration of PC-based network operating systems in a LAN environment. *Prerequisite: IS 3320.*

**IS 4430 Web Site Design (3)**

Includes coverage of web site creation, design, programming, planning, and maintenance. *Prerequisite: IS 3346 and IS 3330.*

**IS 4440 Database Management Systems II (3)**

Modeling data organization; representation of data relationships; data definition languages; data access via languages in context models; facilities provided by DBMSs; implementation techniques; operational requirements; a survey of state of the art DBMSs. *Prerequisite: IS 3346 and IS 3330.*

**IS 4443 Internet Development (3)**

Advanced application development using databases and an Internet application development environment. *Prerequisite: IS 3346 and IS 3330.*

**IS 4447 System Engineering and Project Management (3)**

This course covers issues and procedures of design,

---

**JOURNALISM COURSES (JRN)**

---

*NOTE: Reasonable proficiency in keyboarding (25 wpm) is a prerequisite for all journalism courses except JRN 1101 and JRN 1103.*

- JRN 1100    Technologies in Journalism (3-4)**  
An introduction to the technological advances in journalism and the promotion of an understanding of the impact of these advancements. Must make a C or better to take JRN 2201.
- JRN 1101    Introduction to Mass Communications (3-3)**  
The newspaper and other communications media in modern society.
- JRN 1102    Writing for Mass Media (3-4)**  
A basic course in preparing written materials for the mass media.

- JRN 3327 Sports Broadcasting (3-3)**  
Advanced methods, techniques and performance styles for broadcast sports news and information. *Prerequisite: JRN 2201.*
- JRN 3330 Journalism Practicum (variable credit 1-3 hours)**  
Supervised journalism-related experiences focusing on gathering information, writing, editing, photography, design, online journalism, electronic journalism, broadcast journalism, advertising and/or public relations.
- JRN 3350 Advertising Sales (3-3)**  
Discussion of and practical experience in servicing accounts and selling advertisements. May require selling ads for the Tropolitan. *Prerequisite: JRN 2220.*
- JRN 3365 TV Studio Techniques and Producing (3-4)**  
An introduction to the production elements, theories and procedures of producing news broadcasts for television. Lighting, set design, preparation, operation of equipment, graphics, editing, responsibilities of those members involved in the production, electronic news gathering (ENG), operation of remote equipment and interviewing are topics discussed in this class.
- JRN 4400 Special Topics in Journalism (1 to 3)**  
Lecture, discussion, and research course designed to acquaint students with special topics in the fields of broadcast and print journalism. May be taken for a maximum of six hours.
- JRN 4401 Community Media Management (3-3)**  
Discussion of special problems and management techniques of print, broadcast, cable and public relations organizations.
- JRN 4403 Radio News Practicum (3-6)**  
Supervised experience in gathering, writing and performing a daily radio news broadcast. Two hours per day plus a weekly one-hour discussion and evaluation. *Prerequisite or Co-requisite: JRN 2203.*
- JRN 4405 Radio Production Practicum (3-6)**  
Supervised experience in radio studio work. Includes audio techniques for both public affairs and musical productions, tape editing, and use of automated programming. Two hours per day plus a weekly one-hour discussion and evaluation. *Prerequisite: JRN 2203.*
- JRN 4410 Advanced Radio Practicum (3-6)**  
Emphasis on individualized work in radio news or production. *Prerequisite: JRN 4403 or 4405.*
- JRN 4413 Television News Practicum (3-6)**  
Supervised experience in gathering, writing and performing reports for a daily television news broadcast. Two hours per day plus a weekly one-
- hour discussion and evaluation. *Prerequisite or co-requisite: JRN 2203.*
- JRN 4415 Television Production Practicum (3-6)**  
Supervised experience in technical television work. Includes in-studio and remote camera operation, lighting, video tape editing and directing. Two hours per day plus a weekly one-hour discussion and evaluation. *Prerequisite: Junior standing or above.*
- JRN 4419 Advanced Public Relations Tactics (3-3)**  
Practical experience in preparation of public relations messages for a client. *Prerequisite: JRN 3321. Co-requisite: JRN 4423.*
- JRN 4420 Advanced Television Practicum (3-6)**  
Emphasis on individualized work in television news or production. *Prerequisite: JRN 4413.*
- JRN 4421 The Editorial Page (3-4)**  
Editing and producing the editorial page, with extensive practice in writing the opinion column and editorial. *Prerequisite: JRN 2201.*
- JRN 4423 Public Relations Campaigns (3-3)**  
Application of public relations theory and best practices resulting in the creation of a complete public relations campaign for a client. *Prerequisite: JRN 3321. Co-requisite: JRN 4419*
- JRN 4425 Media Law (3-3)**  
The rights and restrictions of the press: the First Amendment, privilege, libel, slander, contempt, right of privacy, etc.

written and oral reports. *Prerequisite: Approval of the academic adviser and director of the School of Journalism, a minimum of 75 hours of course work, and successful completion of the journalism internship workshop prior to registering for JRN 4489.*

**JRN 4490 Internship/Field Exp**



- KHP 1146 Physical Defense for Women (1)**  
Physical education activity course.
- KHP 2200 Health Concepts (1-1)**  
A study of health concepts that characterizes a process in the life cycle that is typical of every individual.
- KHP 2201 Camping and Outdoor Education (2)**  
Camping, leadership and program planning.
- KHP 2202 First Aid and Safety and CPRO (2-2)**  
Community first aid and safety instruction and CPRO for the professional following American Red Cross techniques.
- KHP 2204 Intermediate Golf (1)**  
Physical education activity course.
- KHP 2208 Intermediate Tennis (1)**  
Physical education activity course.
- KHP 2212 First Aid and CPRO Recertification (1)**  
Community first aid and safety instruction and CPRO for recertification. *Prerequisite: Proof of previous certification in American Red Cross Community First Aid and Safety and CPRO.*
- KHP 2223 Advanced Synchronized Swimming (1)**  
Physical education activity course.
- KHP 2230 Rhythmic Activities for Special Populations (1)**  
Physical education activity course.
- KHP 2231 Folk Dance II (1)**  
Physical education activity course.
- KHP 2232 Modern Dance II (1)**  
Physical education activity course.
- KHP 2235 Ballet II (1)**  
Physical education activity course.
- KHP 2236 Jazz Techniques II (1)**  
Physical education activity course.
- KHP 2238 Clog Dance II (1)**  
Physical education activity course.
- KHP 2239 Aerobic Dance II (1)**  
Physical education activity course.
- KHP 2240 Personal and Community Health (3)**  
Personal health as it applies to practices, knowledge and behavior.
- KHP 2241 Intermediate Jogging (1)**  
Physical education activity course.
- KHP 2242 Intermediate Weight Training (1)**  
Physical education activity course.
- KHP 2250 Foundations of Health Science (1-1)**  
A study of the historical, philosophical and theoretical foundations of health education and health promotion, including the current status and projected trends in health education and promotion.
- KHP 2251 Foundations of Physical Education and SFM (2-2)**  
A study of the history and principles of health edu-

**KHP 3352 Kinesiology and Efficiency of Human Movement (3-3)**

General anatomy, joint and muscle function, and analysis of body movements. *Prerequisites: KHP 3360 or BIO 3347 and 3348*

**KHP3355 Introduction to Sport and Fitness Management (3)**

This course is an introductory course for students who wish to enter the professional field of sport and/or fitness management. Students will be exposed to a variety of subjects related to sport and fitness management.

**KHP 3360 Physiological Principles of Body Systems (3-3)**

This course will examine the structure, function and control mechanisms of the following body systems: musculoskeletal, nervous, endocrine, cardiovascular, and respiratory. Metabolism, temperature regulation and fluid, electrolyte and acid base balance will also be discussed. *Prerequisites: BIO 1100, CHM 1142 and L142.*

**KHP 3361 Integrating HPER into the Curriculum (3)**

Methods and materials of teaching physical education for grades K-6. *Prerequisite: Junior standing or above.*

**KHP 3363 Lifeguard Training Instructor (3-3)**

Review of all physical skills included in lifeguard training. Course will cons ski



- KHP L474 Exercise Physiology Lab (1-1)**  
Course will provide experience for applied exercise physiology principles as students are introduced to laboratory and field tests of muscular strength, anaerobic power, maximal oxygen uptake, body composition and other physiological measurements. *Prerequisite: KHP 4474.*
- KHP 4475 Exercise Testing and Prescription (3-3)**  
Course will examine the criteria for evaluation of health status of persons wishing to begin an exercise program, guidelines of establishing current fitness level, and the basic principles of exercise prescription. Levels of certification and criteria by ACSM will also be discussed. *Prerequisite: KHP 4474.*
- KHP 4476 Laboratory Practicum in Exercise Performance (2-2)**  
Students will be introduced to some of the measurement techniques routinely used in exercise physiology and will gain practical experience in administration of these tests. Emphasis will be placed on how to avoid measurement errors. *Prerequisite: KHP 4474.*
- KHP 4477 Theory and Techniques of Coaching Football (2-2)**  
Offensive and defensive techniques, purchase and care of equipment, budgeting, ethics, rules, scouting and team conditioning.
- KHP 4478 Theory and Techniques of Coaching Soccer (2-2)**  
The development of basic skills necessary for team play, squad organization, rules, scouting procedures, team conditioning and equipment needs.
- KHP 4479 Theory and Techniques of Coaching Volleyball (2-2)**  
Offensive and defensive techniques, purchase and care of equipment, budgeting, squad organization, rules, scouting and team conditioning.
- KHP 4480 Theory and Techniques of Coaching Track and Field (2-2)**  
Teaching of basic fundamentals of track and field activities.
- KHP 4481 Methods and Materials for the Secondary School Physical Education or Health Teacher (3-3)**  
Teaching methods, selection, organization and use of physical education or health materials in secondary schools. Observation and teaching experiences will be included. *Prerequisite: Admission to TEP.*
- KHP 4482 Theory and Techniques of Coaching Basketball (2-2)**



*weeks in advance of the term in which study is to be undertaken. May not be used to repeat a course in which a grade of D or below has been earned.*

### **MARINE BIOLOGY COURSES (MB)**

---

*Offered at Dauphin Island Sea Lab (DISL) only*

*Courses are offered during the summer semester only. Because course offerings change, check current DISL summer bulletin for specific course offerings and descriptions.*

**MB 3301 Marine Biology (4)**

A general survey of marine plants, invertebrates, and vertebrates, the communities that they form and

## **MANAGEMENT COURSES (MGT)**

---

- MGT 3371 Principles of Management (3)**  
An introduction to management functions, principles, and techniques. The course includes a discussion of planning, organizing, influencing through leadership, and control within the organization.  
*Prerequisites: ECO 2252.*
- MGT 3372 Hospitality Management (3)**  
A survey course providing an overview of the industry, its history, problems and general operating procedures. *Prerequisite: MGT 3371.*
- MGT 3373 Operations Management (3)**  
A study of how organizational processes add value as they convert inputs to outputs. Topics covered include the strategic relationship of operations with other functional organizations, value chain con-

courses include business ethics, social responsibil-



- MKT 3365 Integrated Marketing Communications (3)**  
Course examines integrated marketing communications and how this enhances brand equity. Emphasis is placed on the decision sequence a manager would follow in planning, developing, and implementing a marketing communications program. *Prerequisite: MKT 3361.*
- MKT 4461 Personal Selling (3)**  
An applied course that introduces the economic, psychological, and social aspects of personal selling, direct selling techniques, and the sales process with emphasis on building customer relationships. *Prerequisite: MKT 3361.*
- MKT 4462 Consumer Behavior (3)**  
A study of the consumer as a decision maker. The course examines social, cultural, and psychological influences on purchasing decisions while emphasizing their implications for marketing strategies. *Prerequisite: MKT 3361.*
- MKT 4463 Retailing (3)**  
Principles and practices of retail management. The course examines retail store location, purchasing, personnel, promotions, inventory management, and Internet marketing. *Prerequisite: MKT 3361.*
- MKT 4464 Marketing Research (3)**

**MSL 1104a Leadership Lab (1)**

- MT 4402 Clinical Microbiology (4)**  
This lecture course covers areas of bacteriology, mycology, and virology.
- MT 4403 Clinical Microbiology Lab (2)**  
This lab teaches identification methods, isolation methods, and current clinical techniques for working with bacteria, molds, viral, and rickettsial organisms.
- MT 4404 Clinical Parasitology (1)**  
Discussions concerning proper collection and handling of specimens for detection of parasites, techniques used to detect parasites and morphological features, and life cycles of important organisms.
- MT 4405 Clinical Parasitology Lab (1)**  
Use of the laboratory procedures and techniques for isolation and identification of parasitic organisms.
- MT 4406 Clinical Hematology (4)**  
Detailed studies of blood, including cell types, functions, number of cells, clotting mechanisms, coagulation disorders, platelet disorders, and other pertinent topics.
- MT 4407 Clinical Hematology Lab (2)**  
Special studies and training involving cell counts, hemoglobin and hematocrit determinations, and other special hematology procedures.
- MT 4408 Immunohematology (3)**  
This block involves blood banking, studies of the ABO blood group system, the Rh system, blood typing, antibody studies, and effects of transfusion.
- MT 4409 Immunohematology Lab (1)**  
Blood banking studies and techniques. Clinical applications of procedures under direct supervision.
- MT 4410 Clinical Serology (2)**  
Lectures emphasizing the principles and interpretations of immunological procedures. The study of the immune systems of the body. Antigen-antibody studies and techniques.
- MT 4411 Clinical Serology Lab (1)**  
In this lab, the student becomes proficient in running and interpreting serology (immunology) tests.
- MT 4412 Clinical Chemistry (6)**  
This lecture course focuses on the principles and interpretations of biochemical analytical methods, clinical calculations, and quality control.
- MT 4413 Clinical Chemistry Lab (4)**  
This lab rotation provides the practical experience of running biochemical tests and interpreting their

and the conic sections. It also includes the study of trigonometric and inverse trigonometric functions, trigonometric equations, vectors, complex numbers, polar coordinates, and DeMoivre's Theorem. *Prerequisite: MTH 1105 with a grade of C or better, appropriate score on the mathematics placement test, or advanced placement. Note: Credit will not count toward a major or minor in mathematics.*

- MTH 3364 Vector Calculus (3)**  
Differentiation in several variables. Line and surface integrals. Potential theory and differential forms. *Prerequisite: MTH 2227.*
- MTH 4412 Discrete Mathematics (3)**  
Topics can include counting, graph theory, partitions, principle of inclusion and exclusion, finite geometries, applications of group theory, recurrence relations, generating functions. *Prerequisites: MTH 2227 and 3318.*
- MTH 4420 Introduction to Algorithmic Graph Theory (3)**  
The elements of the theory and algorithms of graphs and hypergraphs with motivating examples from computer science, networking, scheduling, biology, etc.; algorithms, complexity, data structures, shortest paths, spanning trees, depth-first search, planar graphs, coloring of graphs and hypergraphs. *Prerequisites: MTH 3331, computer programming course, or permission of instructor.*
- MTH 4422 Numerical Analysis (3)**  
Topics include finite differences, interpolation, numerical integration and differentiation, solutions of equations of one variable, linear systems, and numerical solutions of ordinary differential equations. *Prerequisites: MTH 2220, 2227 and 3331, or permission of instructor.*
- MTH 4424 Real Analysis I (3)**  
The real number system, completeness, limits, continuity, sequences, differentiation, and the Riemann integral. *Prerequisites: MTH 2227 and 3318.*
- MTH 4425 Real Analysis II (3)**  
Sequences and series of functions, series, and a continuation of the integral to include the Fundamental Theorem of Calculus. *Prerequisite: MTH 4424.*
- MTH 4426 Complex Analysis (3)**  
Complex numbers, elementary functions and their mappings, complex limits and power series, analytic functions, integrals, contour integral, and Cauchy integral formula. *Prerequisites: MTH 2227 and 3318 or permission of instructor.*
- MTH 4436 Number Theory (3)**  
Divisibility, congruencies, prime numbers, Fermat's theorem, Diophantine equations, number theoretic functions. *Prerequisites: MTH 2227 and 3318.*
- MTH 4441 Abstract Algebra I (3)**  
Properties of the integers, modular arithmetic. Elementary theory of groups, finite groups, subgroups, cyclic groups, permutation groups. Group isomorphisms and homomorphisms. *Prerequisites: MTH 2227, 3318, and 3331, or permission of instructor.*
- MTH 4442 Abstract Algebra II (3)**  
Elementary theory of rings, polynomial rings, divisibility, unique factorization domains. Integral domains, ideals, factor rings, divisibility in integral domains. Elementary

**MUSIC INDUSTRY COURSES (MUI)**

---

**MUI 3310 Audio Principles and Techniques (3)**  
A basic course to develop the understanding and

- MUS 1110-4427 Private Instruction (1 credit hour per semester, 1 lesson per week)**
- 1110/2210/3310/4410 Violin  
 1111/2211/3311/4411 Viola  
 1112/2212/3312/4412 Cello  
 1113/2213/3313/4413 String Bass  
 1114/2214/3314/4414 Piano  
 1115/2215/3315/4415 Organ  
 1116/2216/3316/4416 Voice  
 1117/2217/3317/4417 Clarinet  
 1118/2218/3318/4418 Oboe  
 1119/2219/3319/4419 Flute  
 1120/2220/3320/4420 Bassoon  
 1121/2221/3321/4421 Saxophone  
 1122/2222/3322/4422 Trumpet  
 1123/2223/3323/4423 Horn  
 1124/2224/3324/4424 Trombone  
 1125/2225/3325/4425 Euphonium  
 1126/2226/3326/4426 Tuba  
 1127/2227/3327/4427 Percussion  
 1128/2228/3328/4428 Guitar
- 1000-level courses are for non-majors and music majors studying secondary instruments. Prospective music and music education majors will be auditioned by a music faculty member to determine readiness for study as a major. Students will study two semesters each at the 2000, 3000, and 4000 levels. Approval for advancement will be given at jury examinations by faculty in each area (keyboard, voice, brass, woodwinds, percussion).*
- MUS 1131 Music Appreciation (2-2)**  
 Orientation, vocal and instrumental media, forms, historical development and guided listening. Credit for this course does not apply toward any program in music.
- MUS 1132 Honors Music Appreciation (2-2)**  
 Elements of music, composers, vocabulary for music, forms and music literature. Includes a writing project on a musical topic. *Prerequisite: ACT score of 25 or permission of instructor.*
- MUS 1181 Band (1-6) Fall; (1-3) Spring and Summer**  
 Marching Band (fall) and concert band (spring and summer). Open to all students by permission of director.
- MUS 1182 Choir (1-3)**  
 Choral ensemble; open to all students by permission of director.
- MUS 1183 Collegiate Singers (1-3)**  
 Choral group devoted to performance of choral masterworks. *Prerequisite: Open to all students with permission of instructor.*
- MUS 1191 Musical Theatre (1-3)**  
 Production of fully-staged works for musical theatre. Offers experiences on-stage, back-stage, and in the orchestra pit. Open to all students by permission of director.
- MUS 1192 Madrigal Singers (1-3)**  
 Performance of choral chamber music in a variety of styles, including Renaissance, 20th Century, jazz and pop. *Prerequisite: Audition required.*
- MUS 2202 Music Theory III (3-3)**  
 Principles of 16th century counterpoint and analysis of through-composed forms. *Prerequisite: MUS 1103. Co-requisite for music majors: MUS 2207.*
- MUS 2203 Music Theory IV (3-3)**  
 Compositional techniques and analysis of later romantic period works. Introduction to 20th century composition and analysis. *Prerequisite: MUS 2202.*
- MUS 2207 Aural Skills III (1-2)**  
 Advanced sight singing and rhythmic reading. Contrapuntal dictation and transcription projects. Continuation of improvisation techniques. *Prerequisite: MUS 1108.*
- MUS 2230 Survey of Music Industry**  
 An introduction to practices and inter-relationships of the music industry, such as retail, recording, distribution, legal aspects, publishing media and employment.
- MUS 3300 History of Jazz (2-2)**  
 History of jazz and pop styles from 1900 to the present. Analysis of harmonic principles and common practices of each major period.
- MUS 3301 Music History I (2-2)**  
 Evolution of music, stylistic characteristics of major movements and their relationship to literary, artistic and social trends. This course includes the pre-Christian, Romanesque, Gothic and Renaissance periods. *Prerequisite: MUS 1103.*
- MUS 3302 Music History II (2-2)**  
 Includes composers, music literature, style characteristics and societal influences of the Baroque, Classic, Romantic and Post-Romantic periods. *Prerequisite: MUS 1103.*
- MUS 3303 Music History III (2-2)**  
 Composers and musical works from Impressionism through the late 20th century, and the non-musical events that influenced them. Additional focus on world music. *Prerequisite: MUS 1103.*
- MUS 3305 Music Technologies (3-3)**  
 Study of the applications of the microcomputer to music teaching and to the management, planning, and record-keeping tasks of the music educator.

- MUS 3306 Conducting (3-3)**  
Basic conducting techniques for instrumental and choral groups. Includes score study, rehearsal techniques and interpretation of various styles. *Prerequisite: MUS 1103.*
- MUS 3346 Educational Assessment in Fine Arts (3-3)**  
This course provides a broad foundation in all aspects of assessment as it is applied to the P-12 music and art classroom, from learning theory to practical application of assessment techniques, data management, critical thinking, progress reporting and portfolio building. Assessment task design in the artistic response modes is covered, and a series of assessments that can be implemented in the music/art classroom are developed. *Prerequisite: Admission to TEP.*
- MUS 3351 Class Brass (1-2)**  
Group instruction in techniques of playing and teaching brass instruments.
- MUS 3352 Class Woodwinds (1-2)**  
Introduction to each of the principal woodwind instruments, emphasizing teaching techniques suitable for band classes.
- MUS 3353 Class Percussion (1-2)**  
Group instruction in playing and teaching the principal pitched and non-pitched percussion instruments.
- MUS 3354 Class Strings (1-2)**  
Group instruction in techniques of playing and teaching stringed instruments.
- MUS 3356 Class Voice (1-2)**  
Introduction to the use of the singing voice for non-voice principals in music education.
- MUS 3358 Beginning Folk Guitar (1-2)**  
Basic introduction to guitar chording and accompanying songs in the classroom or in informal settings.
- MUS 3361 Integrating Music into the Curriculum (3-3)**  
Basic skills and methods of presentation and evaluation for music in grades P-6. Role-playing experiences are used to demonstrate appropriate materials, student involvement and motivational techniques. *Prerequisite: MUS 1131 or 1132.*
- MUS 3364 String Orchestra (1-2)**  
String ensemble open to all students with permission of director.
- MUS 3365 Class Composition (1-3)**  
Creative musical writing, criticism, and study of compositional techniques. *Prerequisite: Permission of instructor.*
- MUS 3382 Choral Techniques (3-3)**  
Organizational and instructional strategies for teaching music through performance in choir. Includes a field component. *Prerequisite: MUS 1103 and junior standing.*
- MUS 3384 Band Techniques (3-3)**  
Organizational and instrumental strategies for teaching music through performance in band. Includes a field experience.



160 · COURSE DESCRIPTIONS

**MUS 4461   Orchestration and Arranging (2-2)**

Ranges, transpositions and other characteristics of standard instruments and voices. Arranging projects geared to needs of school instrumental and choral groups. *Prerequisite: MUS 2202.*

**MUS 4470   Instrument Repair (2-2)**

Course includes basic musical instrument adjustment, maintenance and repair, common industry standards and guidelines, practical evaluation and hands-on adjustment and repair.

**MUS 4471   Music for ECE and Elementary School (3-4)**

Materials and planning techniques for music in grades P-6. Singing, listening, movement, instrument playing and creative activities will be explored. Multicultural elements, observation, teaching experiences, and practical application of ideas will be included. *Prerequisites: MUS 1103 and junior standing.*

**MUS 4472   Internship in Music Education (9)**

The Professional Internship Program is the culminating clinical field-based experience for students seeking certification in a teaching field. The Professional Internship Program provides the student with the opportunity to conduct classes and assume the role of a teacher while receiving supervision

**NSG 2202 Pharmacology (2-2)**

Focuses on the general classification of drugs, pharmacological actions, clinical usage, methods of administration, usual dosage, side effects, contraindications, toxic reactions, and related nursing implications. *Prerequisites: NSG 1140, NSG 1141 or 1110, and BIO 3372, L372.*

**NSG 2213 Nutrition (2-2)**

Introduces the concept of nutrition and its importance to health throughout the life span. Focuses Fouis #.0035 Tw0.002IO 3-2) -1



*Prerequisites: ENG 1101, 1102, BIO 3347, L347, 3348, and L348. Co-requisite: NSG 3310.*

**NSG 3310 Health Assessment Practicum (1-2)**  
Provides opportunities for students to practice

als experiencing alterations in mental health states. Emphasizes use of the nursing process in facilitating human adaptive responses to mental health alterations. *Prerequisites: Successful completion of all nursing courses in Semester I of BSN clinical nursing sequence. Co-requisite: NSG 3334.*

**NSG 3336 Adult Health Nursing (3)**

Continues to explore the relationship between life span development and adaptive responses in the human environment interactive system. Continues to explore the concept of illness as an altered health state for the adult. Emphasizes the nurse's role in diagnosing and treating human responses (biological, psychological, and socio-cultural) to common health alterations across the lifespan. *Prerequisite: Successful completion of all nursing courses in semesters I and II of the BSN clinical nursing sequence. Co-requisite: NSG 3337.*

**NSG 3337 Adult Health Nursing Practicum (2-4)**

Provides clinical learning opportunities for student to diagnose and treat human responses (biological, psychological and socio-cultural) to common health alterations across the life span. Emphasizes the use of the nursing process as a systematic approach to providing illness and restorative care. *Prerequisite: Successful completion of all nursing courses in semesters I and II of the BSN clinical nursing sequence. Co-requisite: NSG 3336.*

**NSG 3340 Ethics in Nursing (3)**

A discussion of traditional ethical theories, principles and meta-ethical concerns will provide the necessary background required to explore a variety of controversial issues such as euthanasia, abortion, and the new reproductive technologies. Objective and critical reflection about the issues will be developed into active discussions by the students. *Prerequisite: Permission of instructor.*

**NSG 3350 Case Management in Healthcare (2)**

This course provides the student with a beginning understanding of theoretical and practical information about case management. In addition, the course familiarizes the students with the roles of the case manager in the evolving health care climate of today. Open to all juniors and seniors in the College of Health and Human Services.

**NSG 3370 Professional Nursing (2)**

Provides Registered Nurse students the opportunity to explore the principles, values, standards, internal and external dimensions impacting the profession of nursing. Examines past, present, and emerging roles of the professional nurse. Examines theoretical foundations for implementation of the leadership/management role of the professional nurse. *Prerequisite: Current Registered Nurse license and admission to the BSN Program.*

**NSG 4405 Public Health Nursing (3)**

Provides theoretical foundation for public health nursing practice. Explores the reciprocal relationship between environmental dimensions and public health. Emphasizes the nurse's role in the delivery of public health nursing care as well as community-

based nursing care. *Prerequisites: All 3300-level nursing courses or admission to RN-BSN/MSN clinical nursing sequence. Co-requisite: NSG 4406.*

**NSG 4406 Public Health Nursing Practicum (2-4)**

Provides clinical learning opportunities for students to manage the nursing care of individuals, families, groups, and communities. Emphasizes use of the nursing process in promoting and maintaining health of individuals, families, and communities. *Prerequisites: All 3300 level nursing courses or admission to RN-BSN/MSN clinical nursing sequence. Co-requisite: NSG 4405.*

**NSG 4407 Clinical Nutrition (1)**

A study of clinical nutrition applied to real-life situations with the focus on the human as a unique system affected by economic, ethnic, psychological and physiological stimuli. *Prerequisite: All 3300 level nursing courses or admission to the RN-BSN/MSN clinical nursing sequence.*

**NSG 4413 Nursing Concepts III (3)**

Examines individual and group responses to complex, multi-system stressors within the human-environment interactive system. Explores complex multi-system stress as crisis. Emphasizes the nurse's role in diagnosing and treating individual and group responses to complex, multi-system stressors across the life span. *Prerequisites: Successful completion of all nursing courses in semesters I, II, and III of the BSN clinical nursing sequence. Co-requisite: NSG 4414.*

**NSG 4414 Nursing Concepts III Practicum (2-4)**

Provides clinical learning opportunities for students to examine individual and group responses to complex, multi-system stressors, within the human-environment interactive system. Emphasizes use of the nursing process in diagnosing and treating individual and group responses to complex, multi-system stressors across the life span. *Prerequisites: Successful completion of all nursing courses in semesters I, II and III of the BSN clinical nursing sequence. Co-requisite: NSG 4413.*

**NSG 4415 Nursing Leadership/Management (2)**

Provides the theoretical foundation for implementation of the leadership/management role of the professional nurse. Explores leadership/management theories and principles an



166 · COURSE DESCRIPTIONS

**PHY 2263    Physics II with Calculus (3)**

Principles of electricity, magnetism and optics,  
utilizing the methods of calculus.

- POL 3342 U.S. Government – Judicial Branch (3)**  
An analysis of the American federal judiciary in the context of its relationships to the Constitution, American political processes, the legislative and executive branches, state governments, and public opinion.
- POL 3343 American Political Processes (3)**  
This course examines key topics in U.S. politics, specifically looking at national problems, actors and proposed solutions.
- POL 3351 International Relations (3)**  
This course provides a comprehensive investigation of thinking about the relationship of both state and non-state actors in the international arena. It offers a framework for the further analysis of the discipline of International Relations including the principal schools of IR theory, the historical development of the contemporary international system, foreign policies of states, the search for state security, and the economic relationships between states within a global political context.
- POL 3360 Contemporary Political Thought (3)**  
This course examines recent areas of research in political theory, including current issues of debate on the state, democratic theory, liberalism, conservatism, and feminism.
- POL 3364 State and Local Politics (3)**  
An investigation of political processes and organization at the state and local level in the United States.
- POL 4402 Political Geography (3)**  
An analysis of the reciprocal effects of geography and political organization on the behavior of states, including boundaries, national resources, spatial strategies, and maritime power.
- POL 4410 International Political Economy (3)**  
An examination of the interrelationships between international politics and economics; states and markets, trade, foreign investment, international monetary affairs, foreign aid, state development strategies, and globalization.
- POL 4415 International Conflict (3)**  
This course provides a detailed examination of patterns of international conflict and methods employed to manage them: bases, emergence, escalation, de-escalation, negotiation, mediation, termination, and consequences. Specific episodes of international conflict will be investigated.
- POL 4420 Constitutional Law (3)**  
A survey of the legal, political, and methodological problems in constitutional law.
- POL 4421 Introduction to Public Administration (3)**  
An introduction to the historical, institutional, and political context of the profession; current trends and issues; and the role of public administration in the larger governmental system.
- POL 4422 Public Policy Making (3)**  
An introduction to the processes by which American public policy is formulated, implemented, and evaluated and to the roles of policy analysts in solving various public problems.
- POL 4423 American Foreign Policy to 1920 (3)**  
A study of the factors, forces and functions in the making of American foreign policy from the 1760s to the end of World War I.
- POL 4424 Contemporary American Foreign Policy (3)**  
This course examines the foreign policy processes of the United States: historical traditions, political institutions, economic and military capabilities, the Congress, the Presidency, interest groups, the media, and public opinion.
- POL 4432 Comparative Public Policy (3)**  
This course examines the process of policy making in a cross-comparative framework that illustrates how different nation states, both in the developed and the developing worlds, formulate and implement public policy.
- POL 4433 Comparative Government (3)**  
A comparative analysis of state governments in the world with an emphasis upon political cultures, governmental institutions and political processes that lead to differences and international tensions.
- POL 4440 Political Sociology (3)**  
An examination of the inter-relationship of social forces and politics, with an emphasis on institutions, political movements, sources and distribution of power, and public policy.
- POL 4445 Inter-American Relations (3)**  
This course examines the relationship between the United States and the remainder of the Western Hemisphere, with an emphasis on historical and contemporary Latin American relations.
- POL 4450 Latin American Politics (3)**  
An introduction to the social and political institutions of Latin America
- POL 4451 Public Personnel Administration (3)**  
A survey of the basic principles and functions of personnel administration in the public service and of the current strategies for managing recruitment, placement, salary and benefit strategies, training, retirement, and other personnel functions.
- POL 4452 International Law (3)**  
This course examines the sources and development of international law from a historical, political, jurisprudential, and philosophical standpoint. It will include a comprehensive investigation of state sovereignty, jurisdiction, the role of the United Na-



tions, the regulation of the use of force in world affairs, and international human rights law.

**POL 4453 Bureaucratic Politics (3)**

A study of the theories of organizations and their structures as they effect the policymaking environment, examining goals, resources, effectiveness, equilibrium, and change relating to organizations and their relationship to administration.

**POL 4460 Intercultural Relations (3)**

An analysis of the influence of culture on interstate relations including theories, concepts, and applications.

**POL 4465 Politics of the Developing World (3)**

This course examines the political and economic challenges faced by developing states. Theories and models of development will be analyzed in a variety of ways.

**POL 4466 Middle Eastern Politics (3)**

An introduction to the social and political institutions of the contemporary Middle East

**POL 4470 European Politics (3)**

An introduction to the social and political institutions of contemporary Europe.

**POL 4471 Intergovernmental Relations (3)**

The administrative, fiscal, and legal factors that govern relations between the various government entities in the United States. The focus is on the political conflicts that occur and the strategies for resolution.

**POL 4472 Administrative Law (3)**

This course examines the legal environment in which government agencies function, including the powers and procedures that control administrative discretion, rule-making, investigations, prosecuting, negotiating, and settling; constitutional law, statutory law, common law, and agency-made law; the liability of governments and their officers; and selected court cases and decisions.

**POL 4474 Terrorism and Political Violence (3)**

This course is designed to introduce students to the origins and significance of contemporary political violence with an emphasis on the phenomenon of

ce

with

scribed in the current classification system of the American Psychiatric Association.

**PSY 3309 Advanced Statistics (3)**

Advanced quantitative methods in psychology. Topics include linear regression, analysis of variance, non-parametric techniques, estimation procedures, individual and multiple comparisons, and experimental design. *Prerequisite: PSY 3301.*

**PSY 3310 Sensation and Perception (3)**

A study of how sensory information helps both the human species and other animals to thrive. Exploration of the senses including their physiological makeup, development and functioning. Theoretical and empirical foundations of perception and the applications of perceptual knowledge are emphasized. *Prerequisite: Six semester hours of psychology and sophomore standing or above.*

**PSY 3311 Research Methods (3)**

An introduction to the design, analysis, and interpretation of behavioral research, including strategies for reviewing scientific literature and organizing a research report. *Prerequisite: PSY 3301.*

**PSY 3312 Psychology of Women (3)**

The study of women's experience and gender issues in the context of psychological theory and research.

**PSY 3320 Child Psychology (3)**

The development of children from conception to puberty. Includes physical, cognitive, perceptual, language, social and emotional development.

**PSY 3322 Abnormal Child Psychology (3)**

A study of theories, research, etiology, assessment and diagnosis of mental disorders first seen in childhood or adolescence as defined by the current edition of the *Diagnostic and Statistical Manual of Mental Disorders*. Includes such disorders as ADHD, conduct problems, anxiety, mood, mental retardation, and autism.

**PSY 3325 Adolescent Psychology (3)**

Adolescents from puberty to early adulthood. Includes physical, cognitive, social, emotional, and personality development in cultural context.

**PSY 3330 Health Psychology (3)**

This course studies the science that connects behavior to health, including psychological processes and the relationship between health and human behavior.

**PSY 3332 Family Violence (3)**

Dia1 dd, mood,ment0Prerequisite:wSixTf-4 1 foa(3)002e.ester h.22 00.ps TDcuwlen.0y.c0.0029 Tw[Th-is cou6D0.0002 0001 Tc0.0032 T

170 · COURSE DESCRIPTIONS

**PSY 4400 Advanced General Psychology (3)**

A comprehensive study of the discipline of psychology designed to expand the student's depth and breadth of knowledge in psychology. *Prerequisite:* 15 semester hours of psychology.

**PSY 4401 Psychological Tests and Measurements (3)**

Selection, evaluation, administration, scoring, interpretation and uses of tests of intelligence, proficiency, interests, personality, aptitude and social adjustment. *Prerequisite:* PSY 3301, additional three semester hours of psychology.

**PSY 4402 Principles of Counseling (3)**

Overview of major counseling theories and techniques, interviewing, assessment, professional issues and ethics, and a review of research and practical problems. *Prerequisite:* Six semester hours of psychology.

**PSY 4405 Experimental Psychology (3)**

Various techniques for conducting scientific research in psychology will be discussed. Course

019(ean)5(5)UEdces2g6(3)TC4dngE000067(Je2.ng(Pr)4ethi)6.2(crep(i)onducng(Pr)4eth(Pr)4eing )-6.6(an)7-1.0333 TD)6.ult8

0.3(ey)2(Pr)8.x(5Tw6rniqmTw{anc.3(, ap)p pra)50(1)5.6 -1.2467 TD0.000ch)isal, mo-0.6.6(aa2 Tw, orgcondu1(c)-.7(tza9(alu)735( e2-21l[s9ien Tw]7.5( ).7(Pu)73510(y) e-

**PD**

**Eny5.366ionaliA stu4.(P, fTw(a5(3(mil Tw9(ommonle o5(.1(y)-5**

and industrial change. *Prerequisite: Six semester hours of psychology.*

**PSY 4480 Senior Seminar in Psychology (3)**

A capstone course designed to integrate subject matter learned in previous courses, encourage critical analysis of contemporary issues, and contemplate future educational and employment opportunities in psychology. *Prerequisite: Senior standing.*

**PSY 4491 Guided Independent Research (3)**

This course is designed to provide supervised research in the area of psychology. Opportunities for undergraduate research will be approved with attention to critical evaluation of research techniques, methods, and procedures. Selection of the problem must be approved by the professor under whom the study is to be conducted and the department chair or dean. A written request is to be submitted to the department chair at least two weeks in advance of the term in which study is to be undertaken. Preparation of a scholarly paper and oral defense may be required. *Prerequisite: Junior or senior standing with a minimum overall GPA of 3.0. Guided independent research may be taken only in the applicant's major or minor field. May not be used to repeat a course for which a grade of D or below*

with a minimum overall GPA of 3.0. *Prerequisite: Junior or senior standing with a minimum overall GPA of 3.0. Guided independent research may be taken only in the applicant's major or minor field. May not be used to repeat a course for which a grade of D or below*

language arts instruction, teaching strategies, and methods of expanding reading power. This course requires substantial field experience in the grades 4-6 setting. *Prerequisite: Admission to TEP.*

**RED 4483 Language and Literacy III: Intervention Strategies (3)**

Principles of assessment and evaluation for improving the language and literacy learning. Pre-service teachers will be introduced to the variety of screening and testing instruments for use in modifying students' instructional programs. Formal and informal methods for classroom observations will be explored, and methods for translating data collected for classroom management and/or communication to learners' parents will be

**RHB 3365 Introduction to Visual Impairment (3)**  
This course will provide an understanding of the medical, psychological, social, educational, and vocational issues that professionals must understand in order to work effectively with persons who are visually impaired.

**RHB 3380 Medical and Vocational Aspects of Physical Disabilities (3)**  
Examines specific physical disabilities from medical, psychological, social, and vocational points of view. Covers a number of disabling conditions including etiology, characteristics, and implications for treatment.

**RHB 3385 Rehabilitation of Persons with Severe Disabilities (3)**  
Course explores rehabilitation needs of persons with severe disabilities. Concepts, approaches, philosophy and ethical considerations related to independent living, supported employment, and advocacy efforts.

**RHB 4405 Juvenile Rehabilitation and Counseling (3)**  
Treatment modalities, diagnostic techniques, intervention systems, concurrent problems, and counseling techniques with adolescents. Emphasis is upon evaluation of services, i.e., vocational, self-concepts, academic, psychotherapy, peer relations, group counseling, family relations, and life skill development.

**RHB 4410 Rehabilitation Pre-practicum (1)**  
Preparation for RHB 4420. *Prerequisites: Completion of departmental core and Rehabilitation Program course requirements (except practicum).*

**RHB 4420 Rehabilitation Practicum (12)**  
Provides experience in a rehabilitation setting with an emphasis on the multiple natures of human problems and the impact these problems have on the disabled and disadvantaged. Includes a weekly seminar plus a minimum of 500 hours in a particular agency setting. *Prerequisites: Rehabilitation major, RHB 4410. Practicum site must be approved by instructor during RHB 4410.*

**RHB 4450 Senior Seminar (2)**  
The impact of recent changes in federal and state legislation and the role and function of professional organizations and their positions on current issues. *Prerequisite: HS/RHB major with senior standing or permission of instructor.*

auto policy and the homeowner's package, insurance regulation, and the insurance marketplace.

**RMI 3340 Surplus Lines and Reinsurance (3)**  
A study of the excess and surplus lines insurance markets as well as the reinsurance sector of the insurance industry. The course covers the formation and classification of these companies, their distribution systems, their regulation, their accounting procedures, and a comparison of these companies to admitted insurers. *Prerequisite: RMI 3335 or permission of department chair.*

**RMI 3342 Insurance Operations (3)**

## RISK MANAGEMENT AND INSURANCE COURSES (RMI)

---

**RMI 3335 Principles of Risk Management and Insurance (3)**  
An introduction to the legal principles underlying insurance, the basics of risk management, the application of risk management techniques to personal risk management problems, personal property and liability insurance contracts including the personal

plans, operating plans and time charts in the areas of forming the corporation, licensing, choosing a product mix, developing markets, planning technology, staffing, training, sales, handling claims, and other administrative functions. *Prerequisite: RMI 3335 or permission of department chair.*

**RMI 4491-4492 Guided Independent Study (1-3 credit hours per course per semester)**

Additional information is indexed under Guided Independent Research and Study. Note: This course may not be substituted for any required course. Also see index for Independent Study and Research.

---

**RUSSIAN COURSES (RUS)**

---

**RUS 1101 Introductory Russian I (3-3)**  
Introduction to the Russian language.

**RUS 1102 Introductory Russian II (3-3)**  
Introduction to the Russian language. *Prerequisite: RUS 1101 or permission of instructor.*

**RUS 2201 Intermediate Russian I (3-3)**  
Progressive development of basic language skills in Russian. *Prerequisite: RUS 1102 or permission of instructor.*

**RUS 2202 Intermediate Russian II (3-3)**  
Progressive development of basic language skills in Russian. *Prerequisite: RUS 2201 or permission of instructor.*

---

**SCIENCE COURSES (SCI)**

---

**SCI 2233 Physical Science (3)**  
Basic chemistry and physics for non-science majors. *Co-requisite: SCIL233. NOTE: Credit does not count toward a major in any science curriculum.*

**SCI L233 Physical Science Laboratory (1)**  
Laboratory experiments in basic chemistry and physics. *Co-requisite: SCI 2233.*

**SCI 2234 Earth and Space Science (3)**  
Basic astronomy and geology for non-science majors. *Co-requisite: SCIL234. NOTE: Credit does not count toward any major in the sciences.*

**SCI L 234 Earth and Space Science Laboratory (1)**  
Laboratory experiments in basic astronomy and geology. *Co-requisite: SCI 2234.*

**SCI 3335 Physical Geology (3)**  
Constructive and destructive processes which alter the earth. *Co-requisite: SCIL335.*

**SCI L335 Physical Geology Lab (1-2)**  
Laboratory studies of constructive and destructive processes which alter the earth. *Co-requisite: SCI 3335.*

**SCI 3336 Principles of Astronomy (3)**  
Basic facts and theories related to astronomical phenomena. *Co-requisite: SCIL336.*

**SCI L336 Observational Astronomy Laboratory (1)**  
Star and constellation identification and observations using the telescope. *Co-requisite: SCI 3336.*

**SCI 3340 Marine Science (3)**  
A study of the physical properties and organisms of the marine environment. *Co-requisite: SCIL340.*

**SCI L340 Marine Science Laboratory (1-2)**  
Laboratory study of the physical properties and organisms of the marine environment. *Co-requisite: SCI 3340.*

**SCI 3350 Weather and Climate (3)**  
A study of the physical properties of weather and climate. *Co-requisite: SCIL350.*

**SCI L350 Weather and Climate Laboratory (1-2)**  
Laboratory study of physical properties of weather and climate. *Co-requisite: SCI 3350.*

**SCI 4403 Conservation (3)**  
The conservation of natural and human resources with emphasis on population expansion as the major element in a changing ecology.

**SCI 4474 Internship in Science Education (9)**  
The Professional Internship Program is the culminating clinical field-based experience for students seeking certification in a teaching field. The Professional Internship Program provides the student with the opportunity to conduct classes and assume the role of a teacher while receiving supervision from a classroom teacher and a university supervisor for a period of one full semester. The student will demonstrate skills of the informed, reflective decision maker throughout the internship experience. *Prerequisite: Admission to TEP. Co-requisite: SED 4454.*

**SCI 4481 Methods and Materials for the Secondary Teacher (3)**  
A survey of teaching methods and materials appropriate for teaching in the content areas for grades 6-12. Topics addressed will include teacher evaluation in the public schools, collaboration with special education teachers, and lesson planning formats. In addition, teaching methods, selections organization and use of biology/science materials for grades 6-12 will be covered in detail. A professional laboratory experience is included in this course. *Prerequisite: Admission to TEP.*





**SOC 3310 Minorities in U. S. Social Structure (3)**

An analysis of the role of racial and cultural minorities in American society. Examines contributions of anthropology, sociology, and psychology to theories of minority/majority group relations.

**SOC 3320 Work, Family, and Changing Sex Roles (3)**

Focuses on the overlapping worlds of work and family, emphasizing how the interaction of family-related issues, economic issues, and political issues influence and are influenced by the changing sex roles of women and men in American society.

**SOC 3323 Juvenile Delinquency (3)**

An examination of social, economic, psychological, and physiological determinants of young people's behavior as it concerns family, community, and social worker.

**SOC 3331 Family Relations (3)**

Study of family, its origin, development, and problems affecting marital relations and happiness.

**SOC 3332 Family Violence (3)**

A course to provide students with an in-depth study of the problems of violence in families including spouse abuse, child abuse, elder abuse, and the dynamics and dangers of violent relationships. The study will examine the root causes of family violence and the devastating, multi-generational effects of violence on its victims and society. Students will study current societal responses to family violence including protection services, treatment programs, legal defense strategies, and current legislation.

**SOC 3345 Criminology (3)**

Study of crime and its causes and measurements. Topics include various explanations of criminal behavior, typology of crime, criminal justice system, and social relations to crime.

**SOC 3350 Social Anthropology (3)**

An investigation of a major sub-discipline of anthropology using primary readings from its founders and contemporary ethnographic research while using a social anthropological approach.

**SOC 3356 Sociology of Aging (3)**

Sociological examination of global social changes precipitated by the demographic phenomenon of the aging of U. S. society and other societies. Addresses the heterogeneity of the older population, their locations, perceptions, and constraints. Issues such as housing, transportation, health care, and death and dying are explored.

**SOC 3357 Sociological Aspects of Human Sexuality (3)**

An examination of the cultural and social consi(mily)pio-  
 ofs ax-0.2(ai(ty)-6.5e )6.6(including( concurr)657(entpr)6.9(l)-2.6rs(pecivues )6.6(nf)TJT0.0017 Tc0.0016 Tw[is)4.2(e)-1.1exualit, s106.9  
 pecivues:sexua di Sexualityetui4.2(e)4 T6.8(ch wh)emocial Anthropolcial Anthrias ho..1( )6.6(includ)8.3(e vTD0 Tc( )Tj-4 (and)8.5( oth6(y

**SOC 4425 Intro to Survey Research (3)**

An introduction to the foundations of social research and the major types of research methods employed in sociology. *Prerequisite: Twelve hours in the social sciences to include one course in statistics and one course in research.*

**SOC 4430 Sociology of Religion (3)**

Sociological analysis of religion, including the

complex needs. *Prerequisites: SPE 3302 and Admission to TEP.*

children and an introduction to their educational programs.

**SPE 3305 Transition Planning (3)**

This course emphasizes educational strategies that promote the post-school adjustment of students with disabilities. Special emphasis is placed on the legal foundation of transition and effective transition models. *Prerequisites: SPE 3303, 3304, 3340, and Admission to TEP.*

**SPE 3306 Teaching Students with Mild Disabilities (3)**

This course will focus on organizational procedures, universal design of curriculum, methods and techniques used in educating students with specific learning disabilities, mild mental retardation, emotional/behavioral disorders, and attention deficit/hyperactive disorders in grades kindergarten through six who are in need of academic and social learning support in the general education classroom or in a special education classroom. Emphasis will be placed on direct teaching, designing accommodations and adaptations to teaching materials and methods in an effort to assist the disabled learner in accessing the general education curriculum in both a resource room and/or an inclusive general education classroom. This course requires extensive work within the K-6 special education and general education classrooms of a public school. *Prerequisite: Admission to TEP.*

**SPE 3307 Strategies Instruction (3)**

This course bridges the gap between research and practice and extends knowledge of specific methods for teaching students K-6 with mild disabilities. The premise of this course is that strategic learning is critical for many students with mild disabilities in order that they may achieve academic success and function at the level of their potential. *Prerequisite: Admission to TEP.*

**SPE 3309 Teaching Students with Moderate/Severe Disabilities (3)**

This course emphasizes a variety of divergent strategies and resources that enhance the educational performance of students with moderate and severe disabilities. Special emphasis is placed on the design of a circle of care for students with complex needs. *Prerequisite: Admission to TEP.*

**SPE 3330 Integrating Assistive Technology (2)**

This course will provide an overview of computer-based technologies as they relate to the teaching and learning of all students, as well as the use of assistive technology to facilitate the successful integration of individuals with disabilities. Selection, modifications, and classroom use of technologies to improve or bypass physical, sensory, communicative, learning, and social limitations will be explored. *Prerequisite: Admission to TEP.*

**SPE 3340 Diverse Learners (3)**

This course is oriented toward identifying exceptional students and providing appropriate learning experiences in the classroom setting. This course is a survey of the nature and needs of exceptional

**SPE 4465 Collaborative Teacher (6-12) Internship (9)**

The Professional Internship Program is the culminating clinical field-based experience for students seeking certification in a teaching field. The Professional Internship Program provides the student with the opportunity to conduct classes and assume the role of a teacher while receiving supervision from a classroom teacher and a University supervisor for a period of one full semester. The student will demonstrate skills of the innovative, informed, reflective decision-maker through the internship experience. *Prerequisite: SPE 4454 and Admission to TEP.*

**SPE 4474 Collaborative Teacher K-6 Internship (9)**

The Professional Internship Program is the culminating clinical field-based experience for students seeking certification in a teaching field. The Professional Internship Program provides the student with the opportunity to conduct classes and assume the role of a teacher while receiving supervision from a classroom teacher and a university supervisor for a period of one full semester. The student will demonstrate skills of the informed, reflective decision maker throughout the internship experience. *Prerequisite: Admission to TEP. Co-requisite: SPE 4454.*

**SPE 4491-4492 Guided Independent Research (1-3)**

Undergraduate research with attention to critical evaluation of research techniques, methods and procedures. *Prerequisites: junior or senior standing with a minimum overall GPA of 3.0, permission of guiding professor, approval of department chairperson or dean. A written request is to be submitted to the department chairperson at least two weeks in advance of the term in which study is to be undertaken. May not be used to repeat a course for which a grade of D or below has been earned. Application forms are available in the Office of University Records. Guided independent research may be taken only in the applicant's major or minor field. Also see index for "Independent Study and Research."*

**SPE 4493-4494 Guided Independent Study (1-3)**

Supervised study through field or laboratory projects, guided readings, creative endeavors or achievement of specific skills. *Prerequisites: junior or senior status, permission of guiding professor, approval of department chairperson and the dean. A written request is to be submitted to the department chairperson at least two weeks in advance of the term in which study is to be undertaken. May not be used to repeat a course for which a grade of D or below has been earned. Also see index for "Independent Study and Research."*

---

**SPANISH COURSES (SPN)**

*Note: For additional information, see Placement in Academic Courses.*

**SPN 1141 Introductory Spanish I (3)**

Introduction to the Spanish language and Hispanic cultures.

**SPN 1142 Introductory Spanish II (3)**

Introduction to the Spanish language and Hispanic cultures. *Prerequisite: SPN 1141 or permission of instructor.*

**SPN 2241 Intermediate Spanish I (3)**

A review of grammar and readings in Spanish literature and civilization. *Prerequisite: SPN 1142 or permission of instructor.*

**SPN 2242 Intermediate Spanish II (3)**

Reinforcement of grammatical skills, reading of simple Spanish prose and poetry, composition and conversation. *Prerequisite: SPN 2241 or permission of instructor.*

**SPN 3332 Advanced Spanish I (3)**

Advanced-level reading, intensive work on composition, comprehensive treatment of Spanish phonetics. *Prerequisite: SPN 2242 or permission of instructor.*

**SPN 3333 Advanced Spanish II (3)**

Advanced-level reading, intensive work on aural comprehension and practical conversation facility, continued development of composition skills. *Prerequisite: SPN 2242 or permission of instructor.*

**SPN 3350 Hispanic Culture on Location I (3-TBA)**

An in-depth presentation of Hispanic culture combining lectures, readings, films, audiotapes, discussions and intensive language practice on the Troy campus with on-site visit to an Hispanic environment. *Prerequisite: Permission of instructor.*

**SPN 3357 Hispanic Culture on Location II (3-TBA)**

An in-depth presentation of Hispanic culture combining lectures, readings, films, audiotapes, discussions and intensive language practice on the Troy campus with on-site visit to an Hispanic environment. *Prerequisite: Permission of instructor.*

**SPN 4447 Readings in Hispanic Literature (3)**

In-depth study of the works of a selected major author, period or genre in the literature of Spain or Spanish America. *Note: May be repeated for credit. Prerequisite: SPN 2242 or permission of instructor.*

**SPN 4450 Hispanic Culture and Civilization (3)**

A survey of the geography, history, cultural achievements, institutions and daily life of Spain and other Hispanic countries. *Prerequisite: SPN 2242 or permission of instructor.*

**SPN 491-4492 Guided Independent Research (1-3 credit hours) Gure and Civilization (3)**

**SOCIAL SCIENCE COURSES (SS)**

---

**SS 3375 Introduction to Social Science Inquiry (3)**  
 Principles of pure and applied research for the social sciences. Special emphasis is given to the types of research methods employed by social scientists including survey techniques, field research, quasi-experimental designs and analytical procedures currently used in the social sciences. *Prerequisite: general studies math.*

**SS 3376 Applications of Social Science Inquiry (3)**  
 A detailed description of what social scientists do with the information they gather. Particular attention is given to descriptive and inferential statistics, the relationship between research and policy, evaluation research, and research ethics. *Prerequisite: general studies math.*

**SS 4474 Internship in Secondary Social Science Education (9)**  
 The Professional Internship Program is the culminating clinical field-based experience for students seeking certification in a teaching field. The Professional Internship Program provides the student with the opportunity to conduct classes and assume the role of a teacher while receiving supervision from a classroom teacher and a university supervisor for a period of one full semester. The student will demonstrate skills of the informed, reflective decision maker throughout the internship experience. *Prerequisite: Admission to TEP. Corequisite: SED 4454.*

**SS 4481 Methods and Materials for the Secondary Teacher (3)**  
 A survey of teaching methods and materials appropriate for teaching in the content areas for grades 6-12. Topics addressed will include teacher evaluation in the public schools, collaboration with special education teachers, and lesson planning formats. In addition, teaching methods, selections organization and use of history/social science materials for grades 6-12 will be covered ineni0.0o4PT.03 - TD-0.f-3 Tc s5.1o exat Progetnship67(ond, re8.6{sgr)7.3( T)i8.6{Twe002 7.3( T)i





---

**BOARD OF TRUSTEES**

---

HIS EXCELLENCY, BOB RILEY



184 · BOARD OF TRUSTEES, ADMINISTRATION AND FACULTY

Dean, Student Services (Troy) .....Herbert E. Reeves, M.S.

- Bilbrey, Jerry Kermit, 2008.** *Assistant Professor*, Troy. B.S., Tennessee Technological University, 1996. M. Engr., University of South Carolina, 1999. Ph.D., University of Louisville, 2004.
- Billington, Neil, 2000.** *Professor*, Troy. B.S., Loughborough University, 1978. Ph.D., Loughborough University, 1985.
- Blackwell, Rodney Dean, 2005.** *Assistant Professor*, Albany, Ga. B.B.A., University of Houston-Clear Lake, 1979. M.S., University of Houston-Clear Lake, 1987. Ph.D., University of North Texas, 1997.
- Blankinship, Lisa Ann, 2006.** *Assistant Professor*, Troy. B.S., University of Tennessee-Martin, 1999. M.S., University of Alabama at Birmingham, 2002. Ph. D., University of Alabama at Birmingham, 2005.
- Blocher, Larry, 2005.** *Professor/Director*, Troy. B.S., Morehead State University, 1975. M.S., Morehead State University, 1977. Ph.D., Florida State University, 1986.
- Blum, Elizabeth Dian, 2000.** *Associate Professor*, Troy. B.A., University of Texas at Austin, 1991. M.A., University of Houston, 1997. Ph.D., University of Houston, 2000.
- Boncek, John James, 2003.** *Assistant Professor*, Montgomery. B.A., University at Buffalo, 1978. J.D., Temple University, 1981. M.S.,

- Cooper, Stephen, 1985.** *Professor*, Troy. B.A., University of Delaware, 1977. M.A., University of North Carolina at Chapel Hill, 1979. Ph.D., University of North Carolina at Chapel Hill, 1985.
- Coraggio, Louis, 1991.** *Associate Professor*, Davis Monthan Air Force Base, Az. B.S., University of Arizona, 1973. M.B.A., University of Arizona, 1986. Ph.D., University of Arizona, 1990.
- Cox, Andrew Anthony, 1995.** *Professor*, Phenix City. B.A., LaGrange College, 1970. M.Ed., West Gate Christian School, 1972. M.Ed., West Georgia College, 1973. Ed.D., Mississippi State University, 1979. M.S.W., University of Alabama, 1994.
- Craig, Kern William, 2004.** *Assistant Professor*, Ft. Walton Beach. B.S., California State University, 1987. M.B.A., Fairleigh Dickinson University, 1989. Ph.D., University of Mississippi, 1995.
- Craig, Ronald, 2006.** *Assistant Professor*, Ft. Benning, Ga. B.A., Rust College, 1988. M.A., Western Illinois University, 1994. Ph.D., Michigan State University, 2004.
- Crawford, Mary Grace, 1997.** *Assistant Professor*, A.S.N./B.S.N. (Montgomery Nursing). B.S.N., University of Alabama at Birmingham, 1976. M.S.N., University of Alabama at Birmingham, 1981.
- Creamer, David Andrew, 2001.** *Assistant Professor*, Orlando. B.A., University of Central Florida, 1972. M.Ed., Wayne State University, 1975. M.A., University of Central Florida, 1980. Ed.D., University of Florida, 1982.
- Crews, E. Mickey, 1986.** *Professor*, Florida Distance Learning. B.A., Lee College, 1979. M.A., Auburn University, 1983. Ph.D., Auburn University, 1988.
- Cross, Steven J., 1991.** *Professor*, Dothan. B.S., Middle Tennessee State University, 1976. M.A., Middle Tennessee State University, 1980. D.A., Middle Tennessee State University, 1984.
- Crumpton, Nancy L., 1989.** *Associate Professor*, Montgomery. B.S.E., Auburn University, 1973. M.Ed., Auburn University, 1974. Ed.D., Auburn University, 1986.
- Curnutt, Kirk L., 1993.** *Professor*, Montgomery. B.A., University of Missouri-Columbia, 1987. M.A., University of Missouri-Columbia, 1989. Ph.D., Louisiana State University, 1993.
- D'Andrea, Nicholas, 1968.** *Professor*, Troy. B.S.E., Troy State University, 1964. M.A., University of Southern Mississippi, 1968. Ph.D., University of Southern Mississippi, 1970.
- Daniel, Claude Lee, 1985.** *Associate Professor*, Troy. B.S., Texas Tech University, 1967. M.S., University of Texas at Arlington, 1976.
- Dapper, John W., 1989.** *Professor*, Dothan. B.A., Wartburg College, 1966. M.S., Tennessee Technological University, 1968. Ph.D., University of Southern Mississippi, 1978.
- Das, Sunil R., 2003.** *Professor*, Montgomery. B.Sc., University of Calcutta, India, 1960. M.Sc., University of Calcutta, India, 1965. Ph.D., University of Calcutta, India, 1965.
- Davidson, Barry S., 2002.** *Associate Professor*, Troy. B.S.E., Pittsburg State University, 1971. M.S., Pittsburg State University, 1973. Ed.S., Vanderbilt University, 1974. Ed.D., University of Arkansas, 1977.
- Davis, James G., 1985.** *Assistant Professor*, Troy. B.A., University of Alabama, 1978. M.FTJT(4y.sity)1978. B.Sa,
- Davis, ..., 19859**

- Ford, Ralph E., 1986.** *Professor/Director*, Troy. B.M.E., Troy State University, 1986. M.S.E., Troy State University, 1988.
- Franks, Carol Jean, 1982.** *Associate Professor*, Troy. B.M., University Illinois at Urbana-Champaign, 1980. M.M., Duquesne University, 1982.
- Fredrick, Samuel R., 1978.** *Assistant Professor*, Troy. B.M.E., Troy State University, 1977. M.S.E., Troy State University, 1979.
- Freeman, Willie, 1984.** *Assistant Professor*, Montgomery. B.S., Stillman College, 1961. M.B.A., University of Missouri-Columbia, 1971. Ed.S., Troy State University, 1982.
- Fretwell, Cherie E., 1986.** *Professor*, Phenix City. B.S.E., Auburn University, 1979. M.Ed., Auburn University, 1981. Ph.D., University of Southern Mississippi, 1989.
- Fulmer, Hal W., 2002.** *Associate Provost and Dean of Undergraduate Studies; Professor*, Troy. A.A., Darton College, 1979. B.S., Georgia Southern College, 1981. M.A., University of Georgia, 1982. Ph.D., Louisiana State University, 1985.
- Fulton, Richard A., 2004.** *Assistant Professor*, Augusta, Ga. B.S., Eastern Illinois University, 1964. M.S., Illinois State University, 2000.
- Gaillard, Regina, 1991.** *Associate Professor*, Ft. Walton Beach. B.A., Hunter College, 1962. M.A., Fairleigh Dickinson University, 1966. Ph.D., University of Miami, 1984.
- Gaines, Cleophus, Jr. Lecturer**, Montgomery. B.A., Jackson State University, 1997. M.A., Jackson State University, 1999. J.D., University of Alabama, 2001. L.L.M., Georgetown University, 2002.
- Gallahan, Carla, 2005.** *Assistant Professor*, Troy. B.S., Auburn University, 1987. M.Ed., Auburn University, 1991.
- Gandy, Dorothy B., raduate**

**Hollingsworth, David K., 2006.**

- Lee, Eleanor J., 1982.** *Director, Instructional Support Services; Instructor*, Troy. B.S., Alabama State University, 1967. M.A., Eastern Michigan University, 1976. M.A., University of Michigan, 1981.
- Lee, Ingyu, 2007.** *Assistant Professor*, Troy. B.S., Soyang University, 1990. M.S., University of Nebraska, 2000. Ph.D., Pennsylvania State University, 2007.
- Lee, Jeffrey C., 2003.** *Associate Professor*, Troy. A.A., Valencia Community College, 1985. B.S., Florida State University, 1987. M.S., University of Alabama, 1993. Ph.D., University of Southern Mississippi, 2003.
- Lee, SangSoo.** *Professor*, Montgomery. B.A., Seoul National University, 1978. Ph.D., University of Texas at Austin, 1986.
- Lett, Debra Floyd, 2006.** *Assistant Professor*, Troy. B.S.N., Troy State University, 1988. M.P.A., Troy State University, 1992. M.S.N., University of South Alabama, 1997. Ph.D., Auburn University, 2005.
- Lewis, Carol Anderson, 2001.** *Assistant Professor*, Ft. Walton Beach. B.A.E., University of Mississippi, 1964. M.E., University of Mississippi, 1969. Ph.D., University of Mississippi, 1983.
- Lewis, Stanley X., 2007.** *Associate Professor*, Troy. B.S., Louisiana Polytechnic Institute, 1969. M.B.A., Louisiana Polytechnic Institute, 1971. D.B.A., Mississippi State University, 1975.
- Li, Haitao, 2005.** *Assistant Professor*, Montgomery. B.S., Beijing University of Aeronautics and Astronautics, 2000. M.A., University of Mississippi, 2002. Ph.D., University of Mississippi, 2005.
- Lipscomb, Andrew D., 1994.** *Professor*, Montgomery. B.A., Auburn University, 1979. M.A., University Virginia, 1980. Ph.D., University of North Carolina at Chapel Hill, 1990.
- Lipscomb, William P., 1999.** *Assistant Professor*, Dothan. B.S., University of Southern Mississippi, 1990. B.S., University of Southern Mississippi, 1991. M.S., University of Southern Mississippi, 1993. Ph.D., Louisiana State University, 2005.
- Lucas, Aaron D., 1996.** *Assistant Professor*, Ft. Benning, Ga. B.S., Auburn University, 1966. M.S., Troy State University, 1968. Ph.D., University of Alabama, 1972. M.B.A., Troy State University, 1994.
- Lyles, Margaret L., 1990.** *Assistant Professor*, Montgomery Nursing. B.S.N., University of Alabama at Birmingham, 1976. M.S.N., University of Alabama at Birmingham, 1979.
- Lyon, Philip Edward, 2001.** *Professor, Regional Director for International Programs*, International. B.A., Stonehill College, 1966. M.Ed., Boston College, 1967. Ph.D., Ohio State University, 1975.
- Bostonn Ei594 0 nAlabama atippi, 1993. 10. Ph.D., 7.5Louis-8.9754.3(5(1( 7.M.Ed.,Ti9a9(1f7tlan -1.2857 TD30.002., 7.5Luis-81 TwLucastant 1\$.)6.90. Chrive1**



**Pearson, Darrell R., 1988.**



192 · BOARD OF TRUSTEES, ADMINISTRATION AND FACULTY

M.P.P.M., Birmingham-Southern College, 1994. M.S., Auburn University, 2001. Ph.D., Auburn University, 2005.

**Shaffer, Christopher, 2005.** *Instructor*, Troy. B.A., Auburn University, 1991. M.S.Ed., Augusta State University, 1998.

**Shaw, Bryant P., 2001.** *Professor*, Troy. B.A., St. John's Seminary. M.A., Duquesne University, 1975. Ph.D., University of Wisconsin-

**Touchstone, Susan K., 1997.** *Assistant Professor*, Montgomery. A.A., Okaloosa/Walton College, 1970. B.S., Florida State University, 1972. M.A., Florida State University, 1974. Ph.D., Florida State University, 1978.

**Tucker, Brent, 2005.** *Assistant Professor*, Dothan. B.A., Delta State University, 1999. M.S., University of Southern Mississippi, 2001. Ph.D., Indiana State University, 2005.

**Turner, Martha L., 2000.** *Instructor*

**Zeimet, Roger Thomas, 2000.** *Assistant Professor*, Ft. Benning, Ga. B.A., Marquette University, 1969. M.A., Marquette University, 1972. Ph.D., Marquette University, 1981.

**Zhang, Jun, 2004.** *Assistant Professor*, Troy. B.S., Yunnan Normal University, 1986. M.S.E., Yunnan Normal University, 1989. M.S., University of Toledo, 1997. Ph.D., University of Rhode Island, 2001.

**Zhong, Jiling Bill, 2005.** *Assistant Professor*, Troy. B.S., Southeast University-Nanjing, China, 1995. Ph.D., Georgia State University, 2006.

**Zingara, James J., 1998.** *Associate Professor*, Troy. D.M.A., University of Illinois, 2001. M.M., East Carolina University, 1995. B.S., University of Wisconsin-LaCrosse, 1984.

**Zingara, Virginia M., 2001.** *Lecturer*, Troy. B.S.E., Troy State University, 1985. M.S., Troy State University, 2001.

---

### EMERITI FACULTY

---

**Ameter, Brenda K., 1991.** *Associate Professor Emeritus of English*, Dothan. B.A., Illinois, 1964. M.A., Indiana State, 1970. Ph.D., Indiana, 1982.

**Anderson, Betty B., 1972.** *Professor Emeritus of Education*, Dothan. A.A., Palm Beach, 1963. B.S.E., Florida, 1964. M.Ed., Florida, 1967. Ph.D., Georgia, 1972.

**Argenti, Rudolph Martin, 1962.** *Professor Emeritus of Physical Education*, Troy. B.S., Austin Peay State College, 1960. M.S., University of Tennessee, 1961. Ed.D., University of Tennessee, 1968.

**Bankester, Merrill R., 1979.** *Dean Emeritus, Hall School of Journalism*, Troy. B.A., University of Alabama, 1959. M.A., University of Alabama, 1968.

**Barnett, Edward Franklin, 1959.** *Professor Emeritus of Mathematics*, Troy. B.S., Troy State University, 1957. M.S., Auburn University, 1959. Ph.D., University of Alabama, 1968.

- Kantor, Edward Michael, 1964.** *Professor Emeritus of Physical Science*, Troy. A.S., Grays Harbor, 1957. B.A., Central Washington State, 1959. M.S., University of Mississippi, 1964.
- Keller, Harry B., 1983.** *Professor Emeritus of Management*, Troy. B.S.E.E., U.S. Naval Academy, 1942. M.E.A., George Washington University, 1959. Nav.E., MIT, 1949. D.B.A., George Washington University, 1968.
- Kelley, Philip, 1971.** *Professor Emeritus of Music*, Troy. B.S., Appalachian State University, 1965. M.M., Florida State, 1969. D.M., Florida State University, 1985.
- Kimbrough, James D., 1972.** *Professor Emeritus*, Troy. B.S., Jacksonville State University, 1959. M.S., Jacksonville State University, 1964. Ed.D., University of Alabama, 1972.

**Wilson, Kathy, 1981.** *Assistant Professor Emeritus of Biological and Environmental Sciences, Troy.* B.S., Troy State University, 1979. M.S., Troy State University, 1980.

**I. Statement of Philosophy**

Troy University is proud of its tradition of friendly and congenial relations between students and employees (faculty, staff and administrators). The University is committed to maintaining an environment that nourishes respect for the dignity of each individual and creates an atmosphere in which students and employees can interact productively. In keeping with these goals, harassment by anyone (whether in the classroom, the office, at a University sponsored function, or within any University environment) will not be tolerated.

**II. Definition of Harassment**

For purposes of Troy University's policy, harassment is defined as a course of comments or conduct consisting of words or actions that are unwelcome or offensive to a person in relation to sex, race, age, religion, national origin, sexual orientation, color, pregnancy, disability, or veteran status. It can include comments

assment Response Team are available in the Office of Human Resources.

3. University visitors may report a complaint to the campus Office of Human Resources or call the Troy campus Office of Human Resources at (334) 670-3710.
4. At University College locations, the procedure for reporting will follow the same guidelines as 1 and 2 above with coordination through the Site Director (unless the Site Director is the accused or the accuser).
5. At the Phenix City campus, the procedure for reporting will follow the same guidelines as 1 and 2 above.

The Harassment Response Team members shall consist of seven members, which will include both males and females of various ages, classified personnel, professional staff, tenured and tenure-track faculty. When investigating a claim, the Harassment Response Team Chair shall appoint at least two members of the team to conduct an investigation.

#### *B. Confidentiality*

The University recognizes the privacy rights of both the complainant and the accused in a harassment situation. Any allegation of harassment that is brought before a member of the Harassment Response Team will be handled discretely. Reasonable effort will be made to respect the privacy of the parties involved; however, it will be necessary to investigate the complaint and to respond to any legal and/or administrative proceedings which may arise out of or relate to the complaint. Participants in an investigation are authorized to discuss the case only with those persons who have a genuine need to know.

#### *C. Filing a Complaint with the Harassment Response Team*

The University encourages any person who files a complaint to do so promptly. The University also understands the complainant's reluctance to file a complaint and assures the complainant that late reporting will not in and of itself preclude remedial action by the University. All cases must be reported to the Harassment Response Team within 90 days of the alleged harassment; however, for this purpose, the date the University acquires knowledge of an instance through any source whatever will commence this ninety-day period. All complaints made to a member of the Harassment Response Team will be immediately put into writing, regardless whether the complainant wishes to pursue the matter further. The written report of the complainant will be read, approved, and signed by the complainant. At this point, the complainant and/or the Harassment Response Team member will determine whether the complaint will be pursued further. Depending on this decision, one of two procedures will be followed:

1. If the complainant does not wish to continue with the complaint, the Harassment Response Team member will notify the accused that a complaint was filed. The accused will be provided a copy of the complaint. The accused will have the opportunity to respond to the allegations in writing. Both reports, the complainant's and the accused, will be retained by the Office of Human Resources. At this point, an informal resolution will be sought.
2. If the complainant wishes to continue the complaint and seek sanctions against the accused, the investigative process begins. (See Section E)

An individual who believes he or she is a victim of harassment is encouraged to keep a record of the objectionable conduct. However, the complainant should be aware that a record kept at the direction of the University may be considered privileged, to any extent possible.

The University will retain confidential documentation of all allegations and investigations for a period of two years.

#### *D. Protection Against Retaliation*

Neither the University nor its employees or representatives

The procedures outlined in this policy do not deny the right of any individual to pursue other avenues of recourse which may include filing charges with the Equal Employment Opportunity Commission (EEOC), initiating civil action, or redress under state, civil, or criminal statutes and/or federal law.

## **VI. Sanctions**

### *A. Employees*

Potential sanctions for harassment include the following:

- Disciplinary warning/reprimand
- Referral to appropriate counseling
- Reassignment
- Temporary suspension
- Termination

### *B. Students*

Potential sanctions for harassment include the following:

- Disciplinary warning/ reprimand
- Disciplinary probation
- Suspension
- Expulsion

## **VIII. Appeals**

A party who is not satisfied with the disposition of the findings of the Harassment Response Team may appeal to the Chair, Personnel Advisory Committee for a second review, and, if necessary, a formal hearing, in accordance with the hearing procedures outlined in the Faculty Handbook, Staff Handbook, or Oracle as appropriate.

## **IX. Education and Training**

The University commits to this policy by:

1. Developing and reviewing the comprehensive policy on a timely basis,
2. Annually communicating the policy to students and employees,
3. Annually training and educating students and employees,
4. Confidentiality, insofar as possible, in investigating incidents,
5. Documenting findings and maintaining records, and by
6. Taking appropriate action when incidents occur.



Troy University compiles and maintains information about students which facilitates educational development of the student and effective administration of the university. To better guarantee the rights and privacy and access as provided by the Family Educational Rights and Privacy Act of 1974, (Buckley Amendment, 20 U.S.C. 1230, 1232g) Troy University has adopted the following policies and procedures:

**1. GENERAL POLICY.**

Troy University shall not permit access to or the release of education records of personally identifiable information contained therein, other than directory information as defined in paragraph 4

**5. LOCATION OF RECORDS.**

The university has designated the following officials or their equivalents at the branches as

202 · APPENDICES

such a request on file prior to destruction, no copy of records to be destroyed need be furnished the student.

<<dti>> Design, Technology and Innovation Program ..... 75

Abbreviations, Key to.....202

Academic Affairs (Administrators) ..... 183

Academic and Leadership Scholarship Programs..... 36

Academic Evaluations ..... 19

Academic Regulations..... 15

Academic Support ..... 5

Academic Year ..... 15

Accelerated Study for Superior Students..... 19

Accounting Courses (ACT) ..... 99

Accounting Major..... 70

Accreditation, Memberships and Affiliations..... 2

Adams-Bibby Chair of Free Enterprise ..... 6

Administration..... 183

Admission for Home Schooled Students ..... 14

Admission for Students Graduating from Non-Accredited Institutions..... 14

Admission Requirements..... 11

Admission Requirements, Beginning Freshmen..... 11

Admission Requirements, International ..... 12

Admission Requirements, Transfer Applicants ..... 11

Admission, Temporary ..... 13

Advanced Courses..... 16

Advanced Placement (AP) Examinations..... 23

Advancement (Administrators) ..... 183

AEG Courses..... 46

Aerospace Courses (AS)..... 103

Aerospace Studies Minor ..... 51

Affiliations ..... 2

Alumni Association..... 5

American Sign Language Courses (ASL) ..... 104

Anthropology Courses (ANT) ..... 104

..... ciation.....e.....026.....1.....logy....8(12)T6.00.226chivalent90.0022Tw{A83.5(e)-1.nt

Course Prefixes .....202

Course Sequences..... 16

Credit by Examination..... 16

Credit Load..... 16

Credits, Regular..... 16

Creed .....9

Criminal Justice Courses (CJ) ..... 112

Criminal Justice Major ..... 58

Criminal Justice Minor ..... 58

Cross Discipline Courses (CDC)..... 49

Dance Minor..... 92

DANTES ..... 21

Degree Plans / Academic Evaluations ..... 19

Degrees and Required Credit Hours ..... 39

Design, Technology and Innovation, Center for..... 5

Discrimination, Troy University Policy on Harassment and .... 197

Divisions of the University ..... 183

Dramatic Arts Courses (DRA) ..... 118

Drop Procedures..... 26

Drop ..... 17

Drops, Withdrawals and Refunds..... 26

DSST (DANTES Subject Standardized Test) Scores ..... 21

Dual Enrollment ..... 11

Early admission to accredited professional schools..... 39

Early Admission..... 11

Early Childhood Education (P-3) ..... 85

Early Childhood Education Courses (ECE)..... 120

Earth and Space Studies Minor ..... 58

eCampus ..... 6

E-Commerce System ..... 26

Economics Courses (ECO)..... 121

Education Courses (EDU) ..... 121

Education Program Availability Matrix ..... 81

Education, College of ..... 81

Elementary Education (K-6)..... 85

Elementary Education Courses (ELE)..... 123

Emergency S0 Tw.0023 Tw[.....y admise .0023 Tw[Educa]4...c.h7 0 8(lar 0 42.2(21(ili)7.4(t)7.4(y)-3.8( M)5.4(a)0.1(trix)(i)-0.1(s)CT 5(e)0.2l.26 Th 0 T

Human Services Minor.....	93
Humanities Minor.....	64
Inclement Weather and Emergency Situations.....	18
Incomplete Grade.....	18
Independent Research.....	19
Independent Study	

206 · INDEX

Risk Management and Insurance Courses (RMI).....	173
Risk Management and Insurance Major .....	72
Russian Courses (RUS) .....	174
Scholarships, Dothan Campus.....	36
Scholarships, Montgomery Campus.....	37
Scholarships, Phenix City Campus.....	36
Science Courses (SCI).....	174
Second or Subsequent	