
2011-2012
Troy University
Undergraduate Catalog

Troy University
Troy, Alabama 36082
(334) 670-3000
www.troy.edu

Please consult the Troy University website for changes that may have occurred.

TROY UNIVERSITY

ACCREDITATION, MEMBERSHIPS AND AFFILIATIONS

Troy University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award associate, baccalaureate, master's, education specialist, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Decatur, Georgia 30033-4097 or call (404) 679-4500 for questions about the accreditation of Troy University. The Commission is contacted only if there is evidence that appears to support an institution's significant non-compliance with a requirement standard.

Refer to the college sections of this catalog for information regarding specialized accreditation.

Troy University is accredited by the following:

- Association of Collegiate Business Schools and Programs
- Commission on Accreditation of Athletic Training Education
- Council for Accreditation of Counseling and Related Educational Programs
- Council on Rehabilitation Education
- Council on Social Work Education
- National Association of Schools of Music
- National Association of Schools of Public Affairs and Administration
- National Council for the Accreditation of Teacher Education
- National League for Nursing Accrediting Commission

Troy University is a member of the following:

- Alabama Association of Colleges for Teacher Education
- Alabama Association of Higher Education in Business
- Alabama Association of College Administrators
- American Association of Colleges for Teacher Education
- American Association of State Colleges and Universities Council on Education
- American Council on Education
- American Association of Colleges of Nursing
- Association to Advance Collegiate Schools of Business
- Council for Adult and Experiential Learning
- International Association of Schools of Social Work
- National Strength and Conditioning Association - Education Recognition Program
- Southern Business Administration Association
- Southern Council on College Education for Nursing

Troy University is affiliated with the following:

- Servicemembers' Opportunity College Program

TABLE OF CONTENTS

General Information	5
Student Services	9
Admissions	11
Academic Regulations	15
Tuition and Expenses	27
Financial Assistance	29
Degrees and Required Credit Hours	41
General Studies Program	43
Specialized Curricula	45
College of Arts and Sciences	49
Sorrell College of Business	67
College of Communication and Fine Arts	73
College of Education	81
College of Health and Human Services	89
Course Descriptions	99
Board of Trustees, Administration and Faculty	191
Appendices	205
Index	211

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 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 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 University. 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 International Business and Economic Development

The Center for International Business and Economic Development (CIBED) is an administrative unit of the Sorrell College of Business. The CIBED coordinates the outreach and research activities of the college and directs the economic development undergraduate and graduate programs. CIBED offices are located at all Troy University campuses in Alabama to enable personnel to be involved in the economic and community development of the region and to extend assistance to existing small businesses, industries and governmental agencies.

The Center for Business and Economic Services (CBES) within the CIBED was established in 1974. CBES activities include applied research, educational activities and management consulting. The CIBED also publishes the "Troy University Business and Economic Review" and edits the national "Journal of Applied Research in Economic Development."

CIBED supports the economic development of small businesses through its Small Business Development Center (SBDC). The SBDC offers one-to-one consulting, training, information and government bidding opportunities to small businesses in a ten-county area of southeast Alabama.

Center for International Programs

The Center for International Programs at Troy University promotes international education for all students. It works to help

prepare students with the necessary knowledge, skills, and attitudes to be responsible and competent citizens in the 21st century. It actively supports international students attending Troy by providing counseling, orientation programs, travel opportunities, assistance with visas and other governmental requirements. In addition,

tive staff and football coaches. It features a 150 seat auditorium (the Elizabeth Mills Rane Learning Center) and the Ben F. Beard Recruiting Lounge as well as locker rooms and several meeting rooms.

Adjacent to the Davis Field House is Veterans Memorial Stadium which includes the Douglas Hawkins Press Box, home to a 10,000 square foot strength and conditioning center, state-of-the-art athletic training center and Student-Athlete Academic Support Center as well as a Stadium Club 38 private suites for fans to enjoy home football games.

Next to Veterans Memorial Stadium is the newly renovated Riddle-Pace Field, home of the Trojans baseball team. The facility includes the Lott Baseball Complex that houses coaches' offices, locker rooms, meeting rooms and covered practice facilities. Recent stadium renovations included the addition of an artificial turf playing surface, a 30-foot wall height field and a new scoreboard that includes video replay capabilities.

Other nearby facilities include the new Trojan softball complex (completed in the fall of 2001) and soccer/track complex

Misconduct Defined

By enrollment at the University, a student or organization neither relinquishes rights nor accepts responsibilities of local, state, or federal laws and regulations. The STANDARDS OF CONDUCT are applicable to behavior of students and organizations on and off the University campus if that behavior is deemed to be incompatible with the educational environment and mission of the University. A student or organization may be disciplined, up to and including suspension and expulsion, and is deemed in violation of the STANDARDS OF CONDUCT for the commission of or the attempt to commit any of the following offenses:

1. Dishonesty, such as cheating, plagiarism or knowingly furnishing false information to the University, faculty or other officers or employees of the University.
2. Forgery, alteration or misuse of university documents, records or identification.
3. Issuance of a worthless check made payable to Troy University.
4. Actual or threatened physical abuse, threat of violence, intimidation, hazing, harassment, or any other act that endangers the health or safety of any person.
5. Any sexual conduct that takes place without the victim's consent, sexual harassment, sexual misconduct.

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10 · STUDENT SERVICES

- officers acting in the performance of their duties as such officials and officers.
22. Participation in setting or causing to be set any unauthorized fire, entering false fire alarms, or bomb threats, tampering with fire extinguishers, alarms, or other safety or fire-fighting equipment, failure to evacuate immediately respond to a fire alarm.
23. Pervasive use of the telephone, computers and electronic media that undermines and detracts from the educational experience of other students and/or the ability of faculty or staff to meet their obligations to provide for students' educational experience.
24. Conviction of any misdemeanor or felony that adversely affects the educational environment of the University.
25. 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.
26. Conduct in violation of public law, federal and state statutes, local ordinances, or university regulations or policies whether or not specified in detail, that adversely affects the student's suitability as a member of the academic community and regardless of whether such conduct resulted in a conviction under a statute or ordinance.
27. Any other activity, conduct or dress not specifically stated herein that impairs, endangers or disrupts any person, property, social order or the educational environment of the University.

DISABILITY SERVICES: POLICIES AND PROCEDURES

Please consult the Oracle, the University's official student handbook, online www.troy.edu, for the most current and complete policies related to disability services.

COMMITMENT TO FREE EXPRESSION

Students at public universities enjoy robust speech rights under

ADMISSION REQUIREMENTS

Troy University seeks to admit students who possess the

Transfer Applicants

to the ones listed above:

X

14 · ADMISSIONS

Prior temporary, unclassified and conditional admissions status at a different home location from where student is readmitted

Temporary and unclassified students must clear admission with their original home location before taking classes at another Troy University location. Conditional students must clear admission requirements at their original home locations to fulfill their conditional contracts prior to enrolling at another Troy University location.

Readmission after academic suspension

Students suspended from Troy University must apply for readmission and may be readmitted under probation after serving suspension. Under certain mitigating circumstances, students may appeal their suspensions through an appropriate campus designee.

Readmission for conditionally admitted students dropped from program

Students dropped from program are not allowed to re-enroll at the University for at least 12 months. Students interested in re-enrolling should contact the Admissions Office at the Troy University campus that granted conditional admission.

Receiving transient authorization

Students receiving prior Troy University transient authorization do not need to be readmitted if their absence does not go beyond the timeframe authorized. Troy University transient authorization assumes that the student remains in good standing and has not officially withdrawn from the University for the time period authorization was granted. Students must provide official transcripts from the institutions attended.

Post Degree Status

Students who have earned baccalaureate degrees or higher degrees from the University or from other institutions may enroll for additional undergraduate coursework as post degree students.

Transcripts with posted degree must be submitted. Some campuses may require submission of the completed Medical History Form in order to complete this process.

Temporary Admission

Temporary admission may be granted to an applicant who has submitted incomplete information or documentation for full admission to the University. Temporary admission may be granted for one term. Students granted temporary admission must submit all complete and/or official records before the end of the term for which the temporary admission was given. With the permission of the dean of enrollment management or the campus/site designee, a second temporary may be extended the subsequent term. In the event the final records indicate that the student is not eligible for admission, the student shall be immediately withdrawn with no (ad)JTJ 13.cA>(m)04 TD 0 refu023.01ue(be)6. process.

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

In order to receive the associate degree, students must complete all course requirements for the degree. An associate degree cannot be declared if a baccalaureate degree has been awarded in the same program.

Credit Hours

The student seeking an associate degree must meet the following requirements:

1. A minimum of 60 semester hours.
2. At least 50% of the degree program must be traditional academic credit (excludes credit by correspondence, challenge exams, etc.).
3. No more than 25% of the degree may be earned using portfolio-based credit. (See Cross Discipline Courses for additional information.)
4. At least 25% of the credit hours required for the degree

16 · ACADEMIC REGULATIONS

3. Earn an additional 30 semester hours in residence in the declared program (see residency credit.)
4. Earn a minimum of 12 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.

Institutional Assessment of Student Academic Performance

Troy University is committed to the continual improvement of its educational programs. The university periodically conducts assessments of student outcomes, therefore a student can expect to participate in academic outcomes assessment activities during his or her time of enrollment.

Class Section Cancellation

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

Classification

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

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, the Advanced Placement program, IB, AICE, and DANTES examinations as approved by the Academic Council and department chairs. The number of credits allowed for satisfactory performance on the general examinations may be reduced by the amount of credit the student has previously earned in the subject matter areas covered by the examinations.

Some departments of the University have developed chal-

Fall, Spring, and Accelerated Semesters/Terms

- x Minimum Full-Time Undergraduate Load: 12 semester hours (six semester hours for accelerated semester schedules)
- x Maximum: 18 semester hours (10 semester hours for accelerated semester/term)
- x Overload: 19-21 semester hours (11-13 semester hours for accelerated semester/term schedules) Credit overload requires unconditional admission status, a minimum institutional GPA of 3.5, recommendation of the student's academic adviser, and signature of the department chair, or designee. Troy Campus student overloads require the signature of the associate provost/dean of undergraduate studies.
- x Students on academic probation limited to 13 semester hours (seven semester hours for accelerated semester schedules)

Summer Semesters (Alabama Campuses)

- x Minimum Full Time Undergraduate Load: Nine to 12 semester hours (over the entire summer) Students are advised that full-time status for federal financial assistance is 12 semester hours.
- x Maximum: 13 semester hours
- x Overload: 14-15 semester hours. Credit overload requires unconditional admission status, a minimum institutional GPA of 3.5, recommendation of the student's academic adviser, and signature of the department chair.
- x Students on Academic Probation limited to 10 semester hours

Important note regarding concurrent enrollment: Within the beginning and ending dates of a fall/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.

The maximum number of overload hours for any fall or spring semester block of time is 21.

Drop

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

- x Before the last day to drop a course without financial penalty

Students who, for any reason, drop a class(es) before the last day to drop a course without financial penalty 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.

- x 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

Grade Point Average (GPA)

The grade point average is computed by dividing the number of credit hours attempted into the total number of grade points earned.

Grading System

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

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 12 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

Readmission

To be readmitted to the University, students who have been out of attendance with the University for one year or more must apply through the Admission's Office. The following categories are available:

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 or designee for readmission under certain mitigating circumstances to avoid suspension. Appeal forms are available in the Registrar's Office.

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 through the Registrar's Office. For more information, contact the Registrar's Office at (313) 487-1585 or visit the Registrar's Office website at www.troy.edu/registrar.

20 · ACADEMIC REGULATIONS

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 courses for credit counts toward residency (excluding developmental courses and institutional credit English as a Second Language [ESL] courses).

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
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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 requirements in effect as of the date of the exam.

ADVANCED PLACEMENT (AP) EXAMINATIONS

Troy University accepts a variety of Advanced Placement (AP) exams. Students must have official score reports sent directly to the dean of enrollment services, Troy, Alabama, and make a request to have credit recorded through the appropriate registrar. Credit is not automatically awarded upon receipt of official scores. For more information, please contact the appropriate registrar.

AP Exam Title	Troy University Course(s)	Required Score
American History	HIS 1111 and 1112	3
Art (Studio)	ART 2201	3
Art History	ART 1133	3
Biology	BIO 1100 and L100	3
Chemistry	CHM 1142, L142, 1143, and L143	3
Computer Science	IS 2244	3
English Language Composition	ENG 1101	3
English Literature Composition	ENG 1101	3
European History	HIS 1102	3
French	FRN 1101 and 1102	3
German	GER 1121 and 1122	3
Government and Politics	POL 2241	3
Latin	LAT 1131 and 1132	3
Macro Economics	ECO 2251	3
Calculus AB	MTH 1125	3
Calculus BC	MTH 1125 and 1126	3
Micro Economics	ECO 2252	3
Music Listening	MUS 1131	3
Music Theory	MUS 1102 and 1103	3
Physics (B)	PHY 2252 and 2253	3
Spanish Language	SPN 1141	3
Spanish Language	SPN 1141 and 1142	4
Spanish Literature	SPN 1141	3
Spanish Literature	SPN 1141 and 1142	4

Required Score

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

INTERNATIONAL BACCALAUREATE (IB) CREDIT

Troy University awards International Baccalaureate credit with an appropriate higher-level (H) examination score. After official scores have been received, evaluated and certified, eligible credit will be posted to the student's transcript. Credit is granted to degree-seeking students at the undergraduate level. For more information, contact the appropriate registrar. IB credit will appear on the university transcript as a grade of P. Credit for IB credit is not calculated in the grade point average.

IB Test	TROY Course(s)	Required IB Score	Credit Hours Awarded
Biology	BIO 1100 / BIO L100	4	4
General Chemistry	CHM 1142 / CHM L142	5	4
Computing Studies	IS 2241	5	3
Economics	3 hours of free elective credit	5	3
English	ENG 1101	4	3
	ENG 1101/ ENG 1102	5	6
	ENG 1103	4	3
	ENG 1103 / ENG 1104	5	6
French	FRN 1101	5	3
History-America	HIS 1111	4	3
	HIS 1111/ HIS 1112	5	6
	HIS 1113	4	3
	HIS 1113/ HIS 1114	5	6
History-European	HIS 1101	4	3
	HIS 1101/ HIS1102	5	6
	HIS 1103	4	3
	HIS 1103 / HIS 1104	5	6
Mathematics	MTH 1112/MTH 1125, MTH 1110	5	3
Philosophy	PHI 2203	5	3
Physics	PHY 2252 / PHY L252	5	4
Psychology	PSY 2200	5	3
Spanish	SPN 1141	4	3
	SPN 1141 and SPN 1142	5	6

ADVANCED INTERNATIONAL CERTIFICATE OF EDUCATION (AICE)

Examination scores of A, B, C, D, E and U are awarded for AICE Examinations. Scores of A–E are passing and credit can be awarded. Scores of U are not passing and no credit will be awarded. Official score reports must be submitted to the University in order for credit to be placed on the student's transcript. Credit will be awarded only once for the same subject, whether from examination, dual enrollment, transfer credit or credit granted by Troy University.

AICE Exam Title	TROY Course(s)	Credit Hours Awarded
Art and Design – A Level or AS Level	ART 1133	2
Biology – A Level	BIO 1100, BIO L100, BIO 1101, BIO L101	8
Biology – AS Level	BIO 1100, BIO L100	4
Chemistry – A Level	CHM 1142, CHM L1142, CHM 1143, CHM L143	8
Chemistry – AS Level	CHM 1142, CHM L142	4
Computing – A Level or AS Level	IS 2241	3
English Language – A Level	ENG 1101, ENG 1102	6
English Language – AS Level	ENG 1101	3
English Literature – A Level	ENG 2211, ENG 2212	6
English Literature – AS Level	ENG 2211	3
Mathematics – A Level	MTH 1112, MTH 1114	6
Mathematics – AS Level	MTH 1112	3
American History – A Level	HIS 1111, HIS 1112	6
American History – AS Level	HIS 1111	3
European History – A Level	HIS 1101 or 1122 HIS 1102 or 1123	6
European History – AS Level	HIS 1101 or 1122	3
Physics – A or AS Level	PHY 2252, PHY L252	4
Psychology – A or AS Level	PSY 2200	3
Spanish – A Level	SPN 1141, SPN 1142	6
Spanish – A or AS Level	SPN 1141	3

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.

28 · TUITION AND EXPENSES

The third party form is available on
www.TrojanOneCard.com.

Regardless of how students ~~use~~ receive their funds,

30 · FINANCIAL ASSISTANCE

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

Nature of the Awards

Each foundation scholarship or loan is awarded according to its own unique requirements. If descriptions of each scholarship or loan are listed below Applications for foundation schol-

32 · FINANCIAL ASSISTANCE

Dempsey Boyd Scholarship was established by Boyd Bros. Transportation, Inc. This scholarship will be awarded to full-time undergraduate students who are pursuing a degree in the College of Business.

James W. "Bo" Gaylard, III Scholarship was established in his memory through gifts from family and friends. This scholarship is awarded on the basis of academic achievement, financial need, and being a member of Troy University's baseball team.

Anna and Seymour Gitenstein Endowed Scholarship was established by the Anna and Seymour Gitenstein Foundation of Florala, Alabama, in 1993. Scholarship awards are made to deserving students with a preference for residents of Florala or Lockhart, Alabama, or Paxton, Florida. High school seniors attending these schools need to contact their guidance counselors by March 1.

Bob Eil Rhodes Graves Scholarship was established in 1992 by Claudia Graves Crosby. The scholarship is awarded to worthy female students who are in financial need. First preference will be given to Alabama residents.

Mary Freemon Hamilton Scholarship was established by Thomas Hamilton in behalf of the families of Douglas E. Hamilton and Thomas E. Hamilton. The scholarship will be awarded to full-time students who are or whose parents or legal guardians are residents of Crenshaw County and are pursuing a major in early childhood or elementary education. The scholarship is available to undergraduate sophomores, juniors, seniors with a 2.6 GPA on a 4.0 scale as well as graduate students with a 3.0 GPA on a 4.0 scale.

Martha Reddoch Harlin Memorial Scholarship was established in memory of Mrs. Harlin, a 1942 graduate of Troy State Teachers College, by her husband

34 · FINANCIAL ASSISTANCE

Journalism Scholarship was endowed with contributions made to the Hall School of Journalism. This scholarship is awarded to students concentrating their studies in journalism. Applications should be directed to the director of the Hall School of Journalism.

Dr. Emmett Kilpatrick Perpetual Memorial Scholarship was established in his memory by Mrs. John Y. Kilpatrick in 1984 at the request of her late husband John Y. Kilpatrick, III, Dr. Kilpatrick's nephew. Dr. Kilpatrick was a former professor at TSU. This scholarship is awarded on the basis of academic

positive influence on young men growing up in the Pike County community. Dr. Crowe is a Birmingham physician and a Troy native. The scholarship is awarded to underprivileged young men who have a good academic record in high school, are of good character, and have demonstrated leadership ability and community involvement. Preference given to residents of Troy, Alabama.

Larkin L. Reese Scholarship was established by Carl E. Reese, Jr. in 1973. It is the intent of the donor that the scholarships go to hard working students who possess the highest character and need financial help. Recipients must have a 23 ACT and an overall and last term grade point average of at least a 1.5. Incoming freshmen recipients must have at least a 24 ACT and an overall B average in high school.

Marian Rhodes Scholarship for Theatre was established in 1998 by Claudia Graves Crosby. This scholarship is awarded to deserving students whose studies concentrated in the areas of drama and theatre. Applications should be directed to the dean of the College of Communication & Fine Arts.

Hugh G. Rose Endowment Scholarship was established in 1990 through the generosity of Mr. Rose, a TSU alumnus, with the purpose of providing financial assistance to students. It is awarded on the basis of financial need and academic achievement. An essay must be written on the tangible and intangible benefits of the free enterprise system.

Michael Russell Music Award was established in 1996 by Mr. and Mrs. Thomas W. Russell in memory of their son, a 1989 graduate of Troy State University. This scholarship is awarded to a student who has been accepted to a program in music, exhibits academic merit, and demonstrates financial need. First preference for the award will be given to students from Crenshaw County. Applications should be directed to the director of the School of Music.

Alfred L. Shell Endowed Scholarships 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.

Joe R. and Barbara Sport Scholarships is awarded to Troy University students who graduated from a public school in Crenshaw County, Alabama. Must have strong work ethics and demonstrate good citizenship, attitude and integrity. GPA 2.5. Selection is made by Troy University scholarship committee.

Patricia Starck Endowed Scholarship was established through the generosity of Jim Boone, 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.

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 (including a degree).

36 · FINANCIAL ASSISTANCE

program who possess the highest character and need financial

seeking information should contact the Human Resources Manager at Johnston Industries. Selection is made by scholarship committee comprised of designated Johnston Textiles employees.

Jess Jordan Memorial Scholarship was established by the Troy Broadcasting Corporation and its employees in his memory. This scholarship is awarded to students concentrating their studies in journalism. Applications should be directed to the director of the Hall School of Journalism.

Kassouf & Co. Scholarship is awarded annually to outstanding and deserving students attending Troy University. The award is based on scholarship and is awarded to junior or senior students majoring in accounting who have a minimum 3.0 overall grade point average. The scholarship was established in 2006 and maintained by David P. and Gerard J. Kassouf of L. Paul Kassouf & Co. P.C. For information on applying, contact the School of Accountancy.

KDP Rho Phi Annual Scholarship is awarded to Graduate students who are members of the Rho Phi Chapter of Kappa Delta Pi at the Phenix City Campus. At least one teacher recommendation is required along with strong record of community service. Selection is made by Troy University scholarship committee.

Helen H. McKinley Excellence in Nursing Scholarship was established by John K. McKinley. The scholarship will be awarded to a full-time student pursuing a BS degree in nursing or in the curriculum leading to a registered nurse position or higher graduate nursing school education. Applications should be directed to the director of the School of Nursing.

John K. McKinley Art Scholarship was established by John K. McKinley. The purpose of the scholarship is to assist a full-time student pursuing a degree in art. Applications should be directed to the chair of the Department of Art and Design.

John K. McKinley Education Scholarship was established by John K. McKinley. The scholarship will be awarded to a junior or senior full-time student pursuing a degree in elementary education. Applications should be directed to the dean of the College of Education.

Lance Robert McLendon Scholarship was established in 2006 by Benson and Joan McLendon. The recipient must have declared a major and have a GPA of 2.5. Preference will be given to students whose major is in the College of Business and have financial need. Information on applying can be obtained from the Development Office.

One Dream Book Scholarship is awarded to students enrolled in the Sports and Fitness Management Program with a GPA of 2.5. Recipient must be Active Military Duty, Reservist or National Guard at the time of application and a resident in one of the five Atlanta counties. Recipient must submit a one-page essay to the One Dream Book scholarship committee at the Atlanta site of Global Campus.

38 · FINANCIAL ASSISTANCE

Troy University Retirees Scholarship is awarded to full-time students with a 3.0 GPA. Selection is made by the Troy University Retirees board of directors.

Doris Weaver Girls Club Scholarship is awarded to students who are members of the Doris Weaver Girl's Club with at least 3 years proven attendance either the summer program or the after school program with a GPA 2.5. Selection is made by the Doris Weaver Girls club scholarship committee.

Wilson Williams Masonic Lodge Scholarships awarded to students with a 2.5 GPA and residing in the Phenix City/ Columbus, Georgia area. Preference will be given to those students whose major is in the college of Education and who have financial need. Selection is made by Troy University scholarship committee.

LOAN FUNDS (Endowed)

Nolan and Willetta Hatcher Foreign Student Scholarship Fund was established in 1994 to recognize and encourage worthy F-1 and J-1 non-immigrant foreign students who are in need of financial assistance in order to continue their education.

LOAN FUNDS (Current)

ADN Nursing Scholarship Fund is a loan fund established through the gifts of friends, faculty, staff and community organizations. The recipients of the loans are students enrolled in the Associate Degree in Nursing Program in Montgomery. Inquiries should be made to the School of Nursing Scholarship Committee in Montgomery.

BSN Upward Mobility Scholarship Fund is a loan fund established through the gifts of friends, faculty, staff and community organizations. The recipients of the loans are students enrolled in the Bachelor of Science in Nursing program in Montgomery. Inquiries should be made to the School of Nursing Scholarship Committee in Montgomery.

Eve Harmon Nursing Memorial Fund was established by Orrin C. Harmon, Jr. in memory of Eve Harmon, graduate of the Associate Degree in Nursing program class of 1978. The purpose of the fund is to provide assistance to students enrolled in the Troy University Associate Degree of Nursing program in Montgomery. Inquiries should be made to the School of Nursing Scholarship Committee in Montgomery.

TROY UNIVERSITY FOUNDATION PRIZES

The Foundation administers several funds established by donors to recognize students selected for outstanding achievement at Troy University.

PRIZES (Current)

Alpha Phi Sigma Distinguished Honors Graduate Prizes
annually awarded to an outstanding graduating senior studying
criminal justice. The prize is awarded on the basis of grade point
average and participation in criminal justice program activities,
university life and volunteer work. The prize was established in
1992 and is maintained by Dr. Charles L. Jones, former chair of
the Department of Criminal Justice at TSU, member and co-
founder of the Tau Sigma Upsilon Chapter at TSU and professor

40 · FINANCIAL ASSISTANCE

P.O. Drawer 4419, Montgomery, AL 36103-4419. Telephone: (334) 241-9519 or 9520. Scholarship information and on-line applications can be found on the Montgomery Campus website.

Scholarships

New Student Scholarship (Undergraduate)

Amount: The scholarship will apply only to tuition and will cover only that tuition (up to the maximum cost of one three-hour course) not funded by other financial assistance, i.e., Pell Grant, VA education benefits, tuition assistance, other scholarships, etc.

Availability: Ten awards to new students beginning each fall semester and is renewable for the spring semester (recipient must maintain a 2.5 GPA each semester).

Criteria: The student must be unconditionally admitted by the scholarship deadline and have a 2.5 GPA on high school or previous college course work. Minimum transfer hours from college are 12 semester hours.

Deadline: Aug. 1 (applications available June 1). Apply online at montgomery.troy.edu.

Returning Student Scholarship (Undergraduate)

Amount: The scholarship will apply only to tuition and will cover only that tuition (up to the maximum cost of one three-hour course) not funded by other financial assistance, i.e., Pell Grant, VA educational benefits, tuition assistance, other scholarships, etc.

Availability: Twenty awards to returning students beginning each fall semester and is renewable for the spring semester (recipient must maintain a 2.5 GPA each semester).

Criteria: The student must have a 3.0 GPA or higher overall GPA at Troy University Montgomery and earned a minimum of 24 semester hours at the University.

Deadline: Aug. 1 (applications available June 1). Apply online at montgomery.troy.edu.

High School Achiever Scholarships (Undergraduate)

Amount: The scholarship will apply only to tuition and will cover only that tuition (up to the maximum cost of one three-hour course) not funded by other financial assistance, i.e. Pell Grant, Veterans Administration education benefits, tuition assistance, and other scholarships, etc.

Availability: Ten awards to high school seniors attending the Montgomery Campus the fall semester following graduation from high school. Award is renewable the following spring semester (recipient must maintain a 2.5 GPA).

Criteria: The student must be unconditionally admitted by the scholarship deadline and have a high school GPA of 3.0 or higher; 19 ACT/910 SAT score or higher; and nomination from the school counselor. Also submit one letter of recommendation from someone other than the school counselor or a family member.

Deadline: April 30. Apply online at montgomery.troy.edu.

Returning and New Graduate Student Scholarship

Amount: The scholarship will apply only to tuition and will cover only that tuition (up to the maximum cost of one three-hour course) not funded by other financial assistance, i.e., Pell Grant, VA educational benefits, tuition assistance, other scholarships, etc.

Availability: Ten awards to new and returning students beginning each fall semester and is renewable for the spring semester (recipient must maintain a 2.5 GPA).

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 (STAR) and the Alabama Articulation and General Studies Committee (AGSC), please visit 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 courses other than those described below.

Area I (6 hours)

x 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)

- x Students must complete a six hour sequence in world/British/American literature or U.S. history/western civilization/world history.
- x 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.
- x Specialized courses in ethics (business ethics, bioethics, film) may fulfill general studies requirements 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
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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*

44 · GENERAL STUDIES

Area III (11 hours)

- x 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

- x 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
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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)

- x Students must complete a six hour sequence in world/British/American literature or U.S. history/western civilization/world history.
- x 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 the major or program. (See descriptions of programs, majors and programs in this catalog.) If no specific requirements for the major or program are designated, the student must take an additional 14 hours of electives.

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 requirement for acceptance into the program is a composite score of 26 on the ACT or an 1180 on the SAT. The student must maintain a cumulative grade point average of 3.25 or higher to be inducted into the program in the spring of the freshman or sophomore year and must maintain a 3.25 to graduate as a University Honors Scholar.

The purpose of the University Honors Program is to offer the academically superior student a specially designed program, within a supportive community, that fosters critical thinking, intellectual development and social responsibility. This enhanced program is designed to provide a balance of common experience and flexibility addressed to individual achievement as well as a comprehensive framework on which to build disciplinary studies.

The Honors Program also has an honors house on campus which houses both male and female students. Students should consult with the director of the University Honors Program and the director of University Housing for availabilities and stipulations. The house serves as a residence and a focal point for meetings and activities with the Honors Alliance faculty and staff in the Honors Program.

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ENGLISH AS A SECOND LANGUAGE PROGRAM

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 - V courses are offered for institutional credit; up to six credits of level VI courses can be used to fulfill the free elective course requirement towards an undergraduate degree, pending evidence of proficiency. For further information contact the director of the English as a Second Language Program on the Troy Campus. The ESL program is available on the Troy Campus and at the Troy Global Campus site in Atlanta. For more information, see the Academic Regulations section of this catalog. For information about the terms of instruction, contact the Center for International Programs at (334) 670-3335. English as a Second Language (ESL) courses are described in the course descriptions chapter of this catalog.

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 learning acquired through experience. In assessment and recognition of experiential and other non-traditional education the university follows the "Principles of Good Practice in Assessing Experiential Learning" recommended by the Council for Adult and Experiential Learning (CAEL). All applied science degree programs are not offered at all locations.

Eligibility

Eligibility for enrollment in one of the applied science degree programs is dependent upon prior education and/or experience. Before enrollment in one of the programs, official documentation of prior learning must be submitted to determine eligibility. All post-secondary technical school transfer students must complete all courses required in the institution's curriculum and earn (if appropriate) a diploma or certificate before being granted admission into the resources management degree program. No additional credit will be awarded for the possession of a license. All credit from the Community College of the Air Force (CCAF), accredited post secondary technical schools, and/or American Council on Education (ACE) recommendations will be considered junior college credit except where specifically recommended by ACE for upper-division credit. No credit will be awarded until six semester hours of academic credit has been earned at Troy University. At least 50 percent of the degree program must be traditional academic credit at the 3300/4400 level. Curriculum: The academic curricula taught by the university have been developed to supplement, not duplicate, the vocational technical training or other experiential learning the individual may possess in a manner designed to provide these individuals greater career opportunities.

EXPERIENTIAL LEARNING CREDIT

CROSS DISCIPLINE COURSES (CDC)

3301 Portfolio Development (2)
This is a course in the preparation of an educational portfolio, a formal file or folder of information compiled by students on learning acquired through specific past experiences and accomplishments. Students are required to prepare a portfolio under the guidance of the instructor. The course is required of all students prior to

submission of a portfolio to the university for evaluation for experiential credit.

Experiential Learning Assessment (ELA) Credit

Experiential learning assessment (ELA) is a process used by Troy University to evaluate prior college-equivalent learning attained by students outside the classroom and not transferable through any of the standard methods of accepting non-traditional credit. Each student prepares a portfolio that is a carefully organized folder documenting learning outcomes (not learning activities) for the purpose of earning credit for a specific college course or courses. The procedure for students interested in requesting assessment of prior experiential learning is as follows:

a. The student enrolls in CDC 3301 Portfolio Development for two semester hours of credit. A student may enroll in CDC 3301 only once and should plan to develop all materials for receiving academic credit for experiential learning from this one-time enrollment. The instructor for this course

1. provides an overview of the experiential learning assessment program,
2. assists in determining whether or not prior learning is appropriate or adequate to request academic credit,
3. provides the guidance necessary to prepare an educational portfolio, and
4. evaluates the portfolio to determine if the content is sufficient to approve submission for faculty assessment.

NOTE: No more than 25 percent of the degree may be earned by using experiential learning assessment credit or portfolio-based credit. Academic credit earned through experiential learning will not count toward the University's residency requirement.

b. The student prepares the portfolio, which includes

1. A statement of the student's educational goals;
2. A chronological record, with external documentation, of the student's education and work experiences;
3. A clear statement of the specific knowledge and skills not learned in college for which the student desires to receive academic credit;
4. Information that links the specific knowledge and skills to the student's goals and educational degree program;
5. Information that links the specific knowledge and skills of the student to specific

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

 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 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

50 · COLLEGE OF ARTS AND SCIENCES

Select one botany course

52 · COLLEGE OF ARTS AND SCIENCES

BIO 4448 (3) Mammalogy
 BIO L448 (1) Mammalogy Lab
 BIO 4471 (3) Parasitology
 BIO L471 (1) Parasitology Lab

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
 Select one ecology/environmental course with its corresponding lab:
 BIO 4413 (3) Limnology
 BIO L413 (1) Limnology Lab
 BIO 4416 (3) Microbial Ecology
 BIO L416 (1) Microbial Ecology Lab
 BIO 4421 (3) Population Ecology
 BIO L421 (1) Population Ecology Lab
 BIO 4479 (3) Environmental Assessment
 BIO L479 (1) Environmental Assessment Lab

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
 BIO 3326 (3) Plant Diversity
 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 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 or MB courses.

Medical Technology Concentration:

Students must complete 28 semester hours on the Troy Campus prior to applying for an internship.

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

Lectures and their corresponding labs must be taken together.
 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 3372 (3) Microbiology
 BIO L372 (1) Microbiology Lab
 BIO 3382 (3) Immunology
 BIO L382 (1) Immunology 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 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).

Select one course with its corresponding lab:
 BIO 3386 (3) Hematology
 BIO L386 (1) Hematology Lab
 BIO 4471 (3) Parasitology
 BIO L471 (1) Parasitology Lab

In addition to the above courses, including core courses, students must complete 33 semester hours of hospital internship MT 4400-4413 courses.

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

BIOLOGY, PREPROFESSIONAL MAJOR (55 HOURS)

Specialized General St.4(L(t)1.9(Geni)-)6.s .0Tw [(In addition)6.7(to)6.7

CHM L142	(1)	General Chemistry I Lab
MTH 1125	(4)	Calculus I

Area V Requirements (20 Hours)

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 Applications
TROY 1101	(1)	University Orientation

Select one sequence (physics sequence not required for medical technology concentration):

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

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
BIO Human TD .S Anath (0006 77 B0 D) : 0002 4 (4.0005 FD 0e .		
BIO	(1)	Tc .01 J8 2229

54 · COLLEGE OF ARTS AND SCIENCES

CHM L445	(1)	Instrumental Analysis Lab
MTH 1126	(4)	Calculus II

Select three hours of chemistry electives:

CHM 3352	(3)	Biochemistry
CHM L352	(1)	Biochemistry Lab
CHM L382	(1)	Physical Chemistry II Lab
CHM 4400	(3)	Special Topics
CHM 4403	(3)	Advanced Organic Chemistry
CHM L444	(1)	Advanced Inorganic Chemistry Lab
CHM 4491/2	(1-3)	Guided Independent Research
CHM 4493/4	(1-3)	Guided Independent Study
CHM 4499	(1)	Senior Research Seminar

CHEMISTRY MINOR (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
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

Select four additional hours of advanced chemistry courses, such as

CHM 2242/L242		Analytical Chemistry and lab
CHM 3352 / L352		Biochemistry and Lab

Note: The chemistry minor requires 20 hours in addition to the hours required for a major in another discipline. For example, the biology major requires Organic Chemistry II and lab, so a student majoring in biology would need to select eight, not four, additional hours of advanced chemistry courses.

CHEMISTRY PROGRAM (51 HOURS)

PHY L410	(1)	Modern Physics Lab
SCI 3335	(3)	Physical Geology
SCI L335	(1)	Physical Geology Lab
SCI 3336	(3)	Principles of Astronomy

COMPUTER SCIENCE PROGRAM (48 HOURS)			
Specialized General Studies Requirements			
Area III			
MTH	1125	(4)	Calculus I, in lieu of MTH 1110

Select one of the following concentrations:

Biology Concentration:

BIO 2229	(3)	General Ecology
BIO L229	(1)	General Ecology Lab
BIO 3347	(3)	Anatomy & Physiology I
BIO L347	(1)	Anatomy & Physiology I Lab
BIO 3348	(3)	Anatomy & Physiology II
BIO L348	(1)	Anatomy & Physiology II Lab
BIO 3372	(3)	Microbiology
BIO L372	(1)	Microbiology Lab

Select a four hour course/lab combination from the following: (Students must complete an eight hour sequence in chemistry or physics. Also see Area V Requirements.)

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

Select remaining Area III courses shown in the General Studies section of this catalog.

Select one botany course with corresponding lab (four hours).

Select one zoology course with corresponding lab (four hours).

Area V Requirements

CS 2250	(3)	Computer Science I
MTH 1126	(4)	Calculus II
TROY 1101	(1)	University Orientation

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 four hour course/lab combination from the following: (Students must complete an eight hour sequence in chemistry or physics. Also see Area III.)

CHM 1143	(3)	General Chemistry II
CHM L143	(1)	General Chemistry II Lab
PHY 2253	(3)	General Physics II
PHY L253	(1)	General Physics II Lab

Select a minimum of eight 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

Required Courses

CS 2255	(3)	Computer Science II
CS 3310	(3)	Foundations of Computer Science
CS 3323	(3)	Data Structures
CS 3329	(3)	Analysis of Algorithms
CS 3332	(3)	Software Engineering I
CS 3360	(3)	Concepts of Object-Oriented Programming I
CS 3365	(3)	Introduction to Computer Organization and Architectures
CS 3370	(3)	Nature of Programming Languages
CS 3372	(3)	Formal Languages and the Theory of Computation
CS 4420	(3)	Introduction to Database Systems
CS 4445	(3)	Data Communication and Networking
CS 4448	(3)	Operating Systems
MTH 2210	(3)	Applied Statistics
MTH 2215	(3)	Applied Discrete Mathematics

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 eight hours of upper level physics or chemistry courses approved by the academic adviser.

Select two of the following:

CS 3320	(3)	Business Systems Programming
CS 3325	(3)	Operations Research
CS 3331	(3)	Fundamentals of Artificial Intelligence
CS 3361	(3)	Concepts of Objected Oriented Programming II
CS 4401	(3)	Advanced Artificial Intelligence
CS 4443	(3)	Web Based Software Development
CS 4447	(3)	Systems Analysis and Design
CS 4451	(3)	Computer Security and Reliability
CS 4461	(3)	Software Engineering II

COMPUTER SCIENCE MINOR (18 HOURS)

CS 2250	(3)	Computer Science I
CS 2255	(3)	Computer Science II

Select 12 semester hours of computer science courses with at least one course being at the 4000 level.

56 · COLLEGE OF ARTS AND SCIENCES

CS 4462	(3)	Special Topics in Object-Oriented Technology
CS 4495	(3)	Special Topics in Computer Science

COMPUTER SCIENCE, APPLIED MAJOR
(36 HOURS)

Specialized General Studies Requirements

Area III

MTH 2201	(3)	Business Calculus
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Select additional Area III requirements as shown in the General Studies section of this catalog.

Area V Requirements

IS 2241	(3)	Computer Concepts and Applications
MTH 2215	(3)	Applied Discrete Mathematics
TROY 1101	(1)	University Orientation

Major Requirements

CS 2250	(3)	Computer Science I
CS 2255	(3)	Computer Science II
CS 2265	(3)	Advanced Programming I
CS 3330	(3)	Data Structures and Algorithms
CS 4420	(3)	Introduction to Database Systems
CS 4443	(3)	Web-Based Software Development
CS 4445	(3)	Data Communications and Networking
CS 4447	(3)	Systems Analysis and Design
CS 4448	(3)	Operating Systems

Select three of the following:

CS 3320	(3)	Business Systems Programming
CS 3332	(3)	Software Engineering I
CS 3347	(3)	Advanced Programming II
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 catalog 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 of the following:

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

Select A or B below:

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

- ENG 4488 (3) Seminar in Professional Writing Portfolio Design
- ENG 4490 (3) Professional Writing Internship

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

Select an additional four courses:

- ENG 3320 (3) Introduction to Linguistics
- ENG 3351 (3) Creative Writing I
- ENG 3352 (3) Creative Writing II
- ENG 4400 (3) Selected Topics
- ENG 4405 (3) History of the English Language
- ENG 4419 (3) Advanced Writing

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)

Area V Requirements

- 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 Applications
- TROY 1101 (1) University Orientation

Major Requirements

- ENG 3341 (3) Advanced Grammar
- ENG 4495 (3) Senior Seminar

Select an additional 30 hours of upper-division courses, at least nine of which are at the 4000 level or above.

Professional Writing Emphasis:

Students at the Montgomery Campus may select the Professional Writing Emphasis. In addition to ENG 3341, the following courses are required:

- ENG 2260 (3) Introduction to Technical and Professional Writing
- ENG 3345 (3) Technical and Professional Editing
- ENG 3365 (3) Advanced Technical and Professional Writing
- ENG 3366 (3) Professional Document Design

ENGLISH MINOR (18 HOURS)

- ENG 3341 (3) Advanced Grammar

Select one sequence:

- ENG 2211 (3) American Literature before 1875
- ENG 2212 (3) American Literature after 1875
- or
- ENG 2244 (3) British Literature before 1785
- ENG 2245 (3) British Literature after 1785

Select an additional nine hours of upper-division English courses.

ENGLISH MINOR, CREATIVE WRITING (18 HOURS)

- ENG 3351 (3) Introduction to Creative Writing

Select an additional 15 hours from the following:

- ENG 3352 (3) Advanced Creative Writing I
- ENG 3353 (3) Advanced Creative Writing II
- ENG 3354 (3) Advanced Nonfiction Writing
- ENG 3355 (3) Verse Writing
- ENG 3356 (3) Forms and Theory of Fiction
- ENG 4420 (3) Selected Topics in Creative Writing
- ENG 4427 (3) Contemporary American Literature
- ENG 4489 (3) Internship

ENGLISH MINOR, PROFESSIONAL WRITING EMPHASIS (18 HOURS)

- ENG 2260 (3) Introduction to Technical and Professional Writing
- ENG 3345 (3) Technical and Professional Editing
- ENG 3365 (3) Advanced Technical and Professional Writing
- ENG 3366 (3) Professional Document Design

Select an additional six hours from the following:

- ENG 3320 (3) Introduction to Linguistics
- ENG 3351 (3) Creative Writing I
- ENG 3352 (3) Creative Writing II
- ENG 4400 (3) Selected Topics
- ENG 4405 (3) History of the English Language
- ENG 4419 (3) Advanced Writing
- ENG 4488 (3) Seminar in Professional Writing Portfolio Design
- ENG 4490 (3) Professional Writing Internship

 ENGLISH—LANGUAGE ARTS PROGRAM
 (139 HOURS)

BIO 4479	(3)	Environmental Assessment
BIO L479	(1)	Environmental Assessment Lab
BIO 4420	(4)	Field Vertebrate Zoology (combined lecture and lab)

Students seeking Alabama teacher certification should complete the English major and the required courses for language arts, in addition to selecting education as a second major. Students should consult their advisers concerning certification requirements.

Specialized General Studies Requirements

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

Area II

COM 2241	(3)	Fundamentals of Speech
DRA 2200	(2)	Introduction to Drama
ENG 2205	(3)	World Literature before 1660
ENG 2206	(3)	World Literature after 1660

Select one of the following:

ART 1133	(2)	Visual Arts
MUS 1131	(2)	Music Appreciation

Area V Requirements

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 Apps.
COM 1101	(3)	Introduction to Communication
TROY 1101	(1)	University Orientation

Required Courses for Language Arts

COM 3342	(3)	Argumentation and Debate
COM 4441	(2)	Oral Interpretation
DRA 2211	(1)	Theatre for Youth
DRA 2245	(1)	Stagecraft Lab
DRA 3301	(2)	Acting I
DRA 4451	(3)	Directing I
ENG 3341	(3)	Advanced Grammar
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 12 hours of upper division English electives, six of which must be at the 4000 level, three of which may be upper-level creative writing

 ENVIRONMENTAL SCIENCE MINOR (18-20 HOURS)

BIO 2202	(3)	Principles of Environmental Science
BIO L202	(1)	Principles of Environmental Science Lab
BIO 3328	(3)	Environmental Pollution and Control
BIO L328	(1)	Environmental Pollution and Control Lab

Select 12 hours from the following:

BIO 4451	(3)	Toxicology
BIO L451	(1)	Toxicology Lab
BIO 4452	(3)	Industrial Hygiene
BIO L452	(1)	Industrial Hygiene Lab

Environmental Science Core (32 semester hours):		SCI L233	(1)	Physical Science Lab	
BIO 2202	(3)	Principles of Environmental Science	SCI 2234	(3)	Earth and Space Science
BIO L202	(1)	Principles of Environmental Science Lab			
BIO 3328	(3)	Environmental Pollution and Control			
BIO L328	(1)	Environmental Pollution and Control Lab			
BIO 4413	(3)	Limnology			
BIO L413	(1)	Limnology Lab			
BIO 4451	(3)	Toxicology			
BIO L451	(1)	Toxicology Lab			
BIO 4452	(3)	Industrial Hygiene			
BIO L452	(1)	Industrial Hygiene Lab			
BIO 4479	(3)	Environmental Assessment			
BIO L479	(1)	Environmental Assessment Lab			

Select eight hours of advisor-approved upper-level courses in biology, chemistry or mathematics.

BIO 4488/4489/4490 (1-8) Internship in Environmental Science

GENERAL EDUCATION A.A. DEGREE (60 HOURS)

Associate of Arts Degree

See the academic regulations section of this catalog 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 of the following:

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

Select one of the following:

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 six hours of one foreign language.

Area III

Select one of the following:

MTH 1110	(3)	Finite Mathematics
MTH 1112	(3)	Pre-calculus Algebra

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

60 · COLLEGE OF ARTS AND SCIENCES

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 of the following:

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

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

Additional requirements

Select any minor or ~~an~~ area of concentration.

Select additional free electives to complete a total of 60 hours.

GEOGRAPHIC INFORMATION SYSTEMS (GIS)

HISTORY MAJOR (36 HOURS)

Select one emphasis below:

American/Latin American Emphasis:

Specialized General Studies Requirements

Area IV

Select a six hour sequence in wester

LEADERSHIP STUDIES MINOR (18 HOURS)			CHM L143	(1)	General Chemistry II Lab
LDR 1100	(3)	Introduction to Leadership	Select one sequence (physics course not required for medical technology concentration):		
LDR 2200	(3)	Tools for Leaders	PHY 2252	(3)	General Physics I
LDR 3300	(3)	Leadership Theory	PHY L252	(1)	General Physics I Lab
LDR 4400	(3)	Leadership Seminar	PHY 2253	(3)	General Physics II
Select at least an additional six hours from the following:			PHY L253	(1)	General Physics II Lab
AS 3312	(3)	Air Force Leadership Studies I	or		
AS 3313	(3)	Air Force Leadership Studies II	PHY 2262	(3)	Physics I with Calculus
COM 3326	(3)	Conflict Management	PHY L262	(1)	Physics I with Calculus Lab
COM 3345	(3)	Group Discussion and Leadership	PHY 2263	(3)	Physics II with Calculus
COM 4426	(3)	Organizational Communication	PHY L263	(1)	Physics II with Calculus Lab
SED 4400	(3)	Secondary Classroom Management	Requirements for the Program		
HIS 3304	(3)	Military History of the United States	Lectures and corresponding labs must be taken together.		
HIS 3315	(3)	Vietnam War	BIO 2220	(3)	Principles of Cell Biology
HIS 3318	(3)	History of American Women	BIO L220	(1)	Principles of Cell Biology Lab
IDS 2200	(3)	Interdisciplinary Studies	BIO 2229	(3)	General Ecology
LDR 4402	(2)	Leadership Field Experiences	BIO L229	(1)	General Ecology Lab
LDR 4403	(1)	Contemporary Issues in Leadership	BIO 3320	(3)	Genetics
LDR 4444	(3-6)	Leadership Internship	BIO L320	(1)	Genetics Lab
LDR 4450	(1-6)	Leadership Service Learning	CHM 3342	(3)	Organic Chemistry I
LDR 4493-94	(1-3)	Guided Independent Study	CHM L342	(1)	Organic Chemistry I Lab
MGT 3371	(3)	Principles of Management and Organizational Behavior	CHM 3343	(3)	Organic Chemistry II
MGT 3375	(3)	Human Resources Management	CHM L343	(1)	Organic Chemistry II Lab
MGT 4472	(3)	Organizational Behavior	MTH 2210	(3)	Applied Statistics
MSL 2201	(2)	Individual Leadership Studies	Troy University Courses:		
MSL 2202	(2)	Leadership and Teamwork	BIO 3307	(3)	Invertebrate Zoology
MSL 2204	(2)	Leadership Lab	BIO L307	(1)	Invertebrate Zoology Lab
PHI 2204	(3)	Ethics and the Modern World	Select three additional upper-level adviser-approved biology courses (12 SH). Lectures and their corresponding labs must be taken together.		
POL 3340	(3)	U.S. Government – Executive Branch	Dauphin Island Sea Lab (DISL) Courses (16 semester hours). DISL courses are offered during the summer term. Students are required to take the following pre-		
POL 3364	(3)	State and Local Politics			
POL 4421	(3)	Introduction to Public Administration			
PSY 4410	(3)	Business and Industrial Psychology			
SOC 3301	(3)	Social Change in the Information Age			
SOC 3310	(3)	Minorities in U.S. Social Structure			
SS 4498	(3)	Social Science Theory			

MARINE BIOLOGY PROGRAM (55 HOURS)

Students must take courses both Troy University and Dauphin Island Sea Lab.

Specialized General Studies Requirements
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 Requirements

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

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 Ph

POLITICAL SCIENCE MAJOR (36 HOURS)

Area V Requirements

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 3355	(3)	Southern Politics
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
POL 4471	(3)	Intergovernmental Relations

Select an additional 15 hours of upper-level (3000-4000) political science courses, as approved by your academic adviser.

International Politics Concentration:

POL 3351	(3)	International Relations
POL 4410	(3)	International Political Economy
POL 4433	(3)	Comparative Government POL
POL 4740	(3) an	
POL 4740	(3) Politl	
POL 4762	(3)	Politics of Southern

science courses, as approved by your academic adviser.

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Geography Concentration:

- 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:

Leadership Concentration:

- 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

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66 · COLLEGE OF ARTS AND SCIENCES

GEM 3310	(3)	Land Surveying Practice
GEM L310	(1)	Boundary Retracement Seminar
GEM 3330	(3)	Advanced Measurement Analysis
GEM L330	(1)	Advanced Measurement Analysis Lab
GEM 3366	(3)	Photogrammetry and Remote Sensing
GEM L366	(1)	Photogrammetry and Remote Sensing Lab
GEM 3370	(3)	Geodesy & Geodetics
GEM L370	(1)	Geodesy & Geodetics Lab
GEM 3379	(3)	Introduction to Least Squares Adjustment
GEM L379	(1)	Introduction to Least Squares Adjustment Lab
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 4405	(3)	Route & Construction Surveying
GEM L405	(1)	Route & Construction Surveying Lab
GEM 4407	(3)	Land Development
GEM L407	(1)	Land Development Lab
GEM 4409	(3)	Hydrology
GEM L409	(1)	Hydrology Lab
GEM 4410	(3)	Introduction to Global Positions
GEM L410	(1)	Introduction to Global Positions Lab
GEM 4490	(1)	Geomatics Capstone

Select two hours below:

GEM 4499	(2)	Geomatics/GIS Projects
or		
GEM 3395	(1)	Cooperative Work Experience I, and
GEM 4496	(1)	Cooperative Work Experience II

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

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

Specialized Requirements

ACCOUNTING MAJOR (30 HOURS)

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

Specialized General Studies Requirements

The general studies program must include ECO 2251, ECO 2252 and MTH 2201, completed with a grade of C or better.

Major Requirements

ACT 3391	(3)	Intermediate Accounting I
ACT 3392	(3)	Intermediate Accounting II

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

4.1 The 4471 Management 1 (and)7(w [(Mc 3.7499 TDiversi-3273.4((3))
Specialized General Studies Requirements
The general studies program must include ECO 2251, ECO 2252 and MTH 2201, completed with a grade of C or better.

INFORMATION SYSTEMS MAJOR (30 HOURS)

B.S./B.A. in Business Administration degree with a major in information systems (IS)
Concentrations in general information systems, networking and Web development.
Specialized General Studies Requirements
The general studies program must include ECO 2251, ECO 2252 and MTH 2201, completed with a grade of C or better.

MGT 3375	(3)	Human Resource Management
MGT 4472	(3)	Organization Behavior
MGT 4455	(3)	Employment Law (Hospitality and Tourism concentration)
or		
MGT 4479	(3)	Management Seminar (required for all concentrations except Hospitality and Tourism)

Major Requirements

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 Management Concentration:

Select six of the following courses:

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

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
IS 4420	(3)	Web Server Administration
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):

Select three courses from the following:

IS 4430	(3)	Web Site Design
IS 4440	(3)	Database Management Systems II
IS 4443	(3)	Internet Development
IS 4420	(3)	Web Server Administration

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, production and operations management, and supply chain management.

70 · SORRELL COLLEGE OF BUSINESS

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

Acquisitions/Contracts	Select one science course and corresponding lab:
Air Traffic Control	BIO 1100 (3) Principles of Biology
Aircraft Maintenance	BIO L110 (1) Principles of Biology Lab
Aviation Operations	SCI 2233 (3) Physical Science
Contracts and Acquisitions	SCI L233 (1) Physical Science Lab
Electronics	SCI 2234 (3) Earth and Space Science
Fire Science	SCI L234 (1) Earth and Space Science Lab

Military Science
 Restaurant/Culinary (no Alabama campuses only)
 Other Approved Technical Areas
 Area IV
 Select one of the following:

For a student to qualify for the transfer of technical credit from a regionally accredited community college or technical school, he or she must have a minimum of 18 semester hours of transferable credit (in the same technical field) with a minimum overall grade point average of 2.0 on a 4.0 scale.	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

Select option 1 or option 2:

Option 1: Restaurant/Culinary Specialization (16 hours)
 (non-Alabama sites only)

MGT 3371 (3) Principles of Management	Area V
MGT 3372 (3) Hospitality Management	IS 2241 (3) Computer Concepts and Applications
MGT 4465 (3) Food and Beverage Service	TROY 1101 (1) University Orientation
MGT 4466 (3) Restaurant Management	

Select six additional semester hours of upper level business electives.

Additional Requirements

ACT 2291 (3) Principles of Accounting I
ACT 2292 (3) Principles of Accounting II
ECO 2251 (3) Principles of Macroeconomics
ECO 2252 (3) Principles of Microeconomics
FIN 3331 (3) Managerial Finance I
LAW 2221 (3) Legal Environment of Business
MGT 3371 (3) Principles of Management
MKT 3361 (3) Principles of Marketing
QM 2241 (3) Statistics I
QM 3341 (3) Statistics II

Option 2: Select 12-18 hours of upper level business or technology electives.

BUSINESS, ASSOCIATE OF SCIENCE (60 HOURS)

Associate of Science Degree

See the academic regulations section of this catalog 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:

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

Select free electives to total 60 hours for the associate degree.

BUSINESS ADMINISTRATION MINOR (18 HOURS)

BUS 1101 (3) Introduction to Business
ECO 2251 (3) Principles of Macro-economics
or
ECO 2252 (3) Principles of Micro-economics

Select 12 hours of business courses, two of which are at the 3000-4000 level. All prerequisites must be met.

INFORMATION SYSTEMS MINOR (18 HOURS)

Select one of the following:

ENG 2205 (3) World Literature before 1660	IS 2244 (3) Computer Programming I
ENG 2206 (3) World Literature after 1660	IS 3300 (3) Introduction to Information Systems
ENG 2211 (3) American Literature before 1875	IS 3320 (3) Data Communications and Computer Networking
ENG 2212 (3) American Literature after 1875	IS 3330 (3) Web Authoring
ENG 2244 (3) British Literature before 1785	IS 3346 (3) Database Management Systems I
ENG 2245 (3) British Literature after 1785	

Select one upper-level IS course.

Area III

MTH 2201 (3) Business Calculus

COLLEGE OF COMMUNICATION AND FINE ARTS

The mission of the College of Communication and Fine Arts is to provide excellence in instruction in selected communication, foreign language, and fine arts disciplines along with practical experiences in journalism, mass communication, music, speech and design.

The college assumes that the richest experiences of human beings arise from their abilities to analyze and interpret intelligently and imaginatively works of art and performances as well as the rhetoric and actions of past and present leaders; to communicate effectively within a variety of contexts using the multiple languages and tools of the communication and fine arts disciplines to make intelligent decisions in an increasingly complex and diverse, media-driven society; and to work together harmoniously in groups to accomplish established goals.

The mission of the college includes the creation of a climate within and beyond its institutional boundaries that encourages

responsible, ethical, and informed expression within the disciplines of which it is composed.

Troy University's College of Communication and Fine Arts is a primary provider of cultural events benefiting the citizens of Troy, Alabama and the region. Accordingly, the college offers such fine arts events as exhibits; symphony band, jazz band, and choral concerts; and theatrical performances (including musical and children's theatre). In addition, the college offers a variety of symposia and workshops and an annual fine arts season subscription.

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

Note: Effective May 2011, English programs and courses were organizationally relocated to the College of Communication and Fine Arts from the College of Arts and Sciences.

<<dti>> DESIGN, TECHNOLOGY AND INDUSTRY 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)

**This specialized concentration involves the designing of educational 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 certification requirements. Students will need to select six hours of upper level courses from two of these concentrations (for a total of 12 hours): 2D Studio, 3D Studio, and Photo Studio or Digital Studio.

ART MAJOR (36 HOURS)		
ART 1145	(3)	Foundations of Form and Space
ART 1150	(3)	Foundations of Time and Space
ART 2201	(3)	Introductory Drawing
or		
ART 2210	(3)	e-Drawing
ART 2250	(3)	Survey of Art History I
ART 2251	(3)	Survey of Art History II
ART 3301	(3)	Life Drawing*

*Course may be repeated for credit.

Concentration (18 Hours):
 Select 12 hours of courses from one of these concentration areas: 2D Studio, 3D Studio, or Photo Studio.

Select an additional six hours of art electives.

ART MINOR (18 HOURS)

Select 18 hours of adviser-approved art and art history courses.

ART, BACHELOR OF FINE ARTS IN STUDIO (72 HOURS)		
Foundation Courses		
ART 1145	(3)	Foundations of Form and Space
ART 1150	(3)	Foundation of Time and Space
ART 2201	(3)	Introductory Drawing
ART 2250	(3)	Survey of Art History I
ART 2251	(3)	Survey of Art History II

74 · COLLEGE OF COMMUNICATION AND FINE ARTS

ART	2230	(3)	Color and Technology
Core Courses			
ART	2202	(3)	2D Studio I
ART	2204	(3)	3D Studio I
ART	2205	(3)	3D Studio II
ART	2206	(3)	2D Studio II
ART	2228	(3)	Photo Studio I
ART	3308	(3)	<<dti.troy>> Principles of Digital Design
ART	3301	(3)	Life Drawing
ART	3318	(3)	Conceptual Drawing
ART	3350	(3)	Research and Criticism
ART	3375	(3)	Special Topics
ART	4435	(3)	Collaborative Studio
ART	4496	(3)	Internship
ART	4499	(3)	Senior Thesis

Select an additional three hours an upper level art history.

Select one of the following four concentration options:

2D Studio Concentration (6 hours):

ART	3330	(3)	2D Studio III
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Required Courses:

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 2231	(3)	Interpersonal Communication
JRN 4495	(1)	Communication Seminar
JRN 4440	(3)	Advanced Technologies in Journalism

Select 14 hours from the following:

COM 3324	(3)	Gender Communication
COM 3320	(3)	Interviewing and Information
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
JRN 4489	(5)	Internship
JRN 4425	(3)	Media Law
RMI 3335	(3)	Principles of Risk Management & Insurance

Or other approved upper-level course electives in journalism, theatre, music industry, art and design, or foreign languages.

x Theatre Track

Specialized general studies requirements for the theatre track:

Area II

76 · COLLEGE OF COMMUNICATION AND FINE ARTS

- DRA 3354 (2) Rendering Techniques for the Theatre
- DRA 4441 (2) Oral Interpretation**
- DRA 4452 (2) Directing II**

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

**Students choosing the Interdisciplinary P-12 Theatre Education degree should choose these courses and select education as their second major.

Students who choose the non-teaching theatre track should select an additional five hours to meet the 120 degree expectation.

DANCE MINOR (18 HOURS)

Note: to place beyond the first level courses in ballet, jazz and contemporary techniques, students must audition for placement.

- DAN 2235 (2) Ballet II
- DAN 2236 (2) Jazz II
- DAN 2232 (2) Contemporary II
- DAN 3388 (1) Dance Practicum I
- DAN 3389 (2) Dance Practicum II

Select nine hours from the following:

- DAN 1130 (1) Social Dance in the 21st Century
- DAN 1134 (1) Ballroom Dance
- DAN 1137 (1) Tap I
- DAN 2200 (2) Orientation to Dance
- DAN 2237 (1) Tap II
- DAN 2252 (3) Methods of Teaching Dance
- DAN 3300 (2) Musical Theatre Dance
- DAN 3330 (1-2-3) Special Topics in Dance
- DAN 3332 (2) Contemporary III
- DAN 3335 (2) Ballet III
- DAN 3336 (2) Jazz III
- DAN 3340 (2) Dance Composition and Choreography I
- DAN 4000 (1) Repertory Ensemble I (May count only twice toward 2580(9Tc .0033 6TJ 0 -1.033n))JTJ 0 -1.0333 TD (.U6JTJ400u .0038 Teng)egfrom the Ae6(72e

to6 80to6 .42 (5 241.56 f BT /TT1t.03.)424.1457 5J 0 -1.2333 TD 0 II

 JOURNALISM, PRINT MAJOR (36 HOURS)

Contact the Hall School of Journalism and Communication for information regarding contract programs in public relations, sports information and advertising.

Area V Requirements

JRN 1100	(3)	Technologies in Journalism
COM 1101	(3)	Introduction to Communication
JRN 1102	(3)	Writing for the Mass Media
TROY 1101	(1)	University Orientation

Requirements for the major

JRN 2201	(3)	Reporting
JRN 2211	(3)	Editing
JRN 3312	(3)	Advanced Editing
JRN 3315	(3)	Advanced Reporting
COM 3320	(3)	Interviewing and Information
JRN 4425	(3)	Media Law
JRN 4440	(3)	Advanced Technologies in Journalism
JRN 4489	(5)	Internship
JRN 4495	(1)	Communication Seminar

Select an additional nine hours from the following:

JRN 3300	(3)	Print News Photography
JRN 3302	(3)	Feature and Magazine Writing
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

or approved JRN elective.

NOTE: Journalism majors must demonstrate a proficiency in the use of a camera of the degree complexity common in newspa-

in addition to selecting education as a second major. Students should consult with their advisers concerning all certification requirements.

MUS 1181	(1)	Band
		Repeat twice for three credits
MUS 3351	(1)	Class Brass
MUS 3352	(1)	Class Woodwinds
MUS 3353	(1)	Class Percussion
MUS 3354	(1)	Class Strings
MUS 3356	(1)	Class Voice
MUS 3384	(3)	Band Techniques
MUS 4471	(3)	Music for ECE and Elementary School
MUS 4499	(1)	Senior Recital

Select two courses from the following:

MUS 1191	(1)	Musical Theatre
MUS 1182	(1)	Choir
MUS 1192	(1)	Madrigal Singers
MUS 3385	(1)	Symphony Band
MUS 3386	(1)	Jazz Ensemble

X General Music Track

Select 26 hours of adviser-approved courses from the following:

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
MUS 4451	(3)	Lit/Tech of Musical Theatre
MUS 4452	(3)	Opera Literature
MUS 4455	(3)	Survey of Broadway Music
MUS 4470	(2)	Instrument Repair
MUS 4491/92	(1-3)	Guided Independent Research
MUS 4493/94	(1-3)	Guided Independent Study

NOTE: Studies in business are recommended to fulfill the requirements for the minor.

MUSIC MINOR (18 HOURS)

MUS 1102	(3)	Music Theory I
MUS 1103	(3)	Music Theory II
MUS 1107	(1)	Aural Skills I
MUS 1108	(1)	Aural Skills II

Select three hours from Private Instruction MUS 1110-1128.

Select seven hours from the following courses:

MUS 1105	(1)	Class Piano I
MUS 1106	(1)	Class Piano II
MUS 2202	(3)	Music Theory III
MUS 2203	(3)	Music Theory IV

MUS 2207	(1)	Aural Skills III
MUS 3306	(3)	Conducting
MUS 3330	(3)	Survey of Western Music History I
MUS 3331	(3)	Survey of Western Music History II

NOTE: Two hours of the above selection may be from the following ensemble courses: MUS 1181, 1182, 1183, 1191, 1192, 3385, 3386.

MUSIC INDUSTRY MINOR (18 HOURS)

All MUI Minors will successfully complete the following courses before enrolling in any electives:

MUS 2230	(3)	Survey of the Music Industry
MUS 3305	(3)	Music Technologies

Select 12 hours from the following courses with the approval of the Coordinator:

MUI 3315	(2)	Songwriting
MUI 4420	(2)	Film Scoring
MUI 4410	(2)	Art Management and Concert Production
MUI 4430	(2)	Marketing of Recorded Music
MUI 4435	(2)	Music Merchandising
MUI 3310	(3)	Audio Principles and Techniques I
MUI 4440	(3)	Audio Principles and Techniques II
MUS 4400	(2)	Selected Topics- Studio Production Techniques
MUS 4470	(2)	Instrument Repair (Studio Maintenance)
MUS 4400	(1-3)	Selected Topics
MUS 4491/92	(1-3)	Guided Independent Research
MUS 4493/94	(1-3)	Guided Independent Study

MUSIC, CHORAL EDUCATION

See Choral Emphasis Track under the Music Major.

MUSIC, INSTRUMENTAL EDUCATION

See Instrumental Emphasis Track under the Music Major.

SPANISH MINOR (18 HOURS)

Select 18 hours of Spanish courses.

SPEECH COMMUNICATION MINOR (18 HOURS)

Select 18 hours of adviser-approved speech courses. COM 2241 or 2243 may not be counted toward the minor.

THEATRE EDUCATION

Students seeking Alabama teacher certification in theatre should select the Communication Arts Major—Theatre Track as the first major and Interdisciplinary Education P-12 as the second major. Students should consult with their advisers concerning all certification requirements.

THEATRE MINOR (18 HOURS)

COM 4441	(2)	Oral Interpretation
DRA 2221	(2)	Technical Theatre
DRA 2245	(1)	Stagecraft Lab (repeat for a total of four hours)
DRA 3301	(2)	Acting I

NOTE: A four-semester rotation of DRA 2245 is required of all minors with one semester in each of the four shops: scenery,

lighting and sound, costume, marketing/business.

Select eight hours from approved speech communication or dramatic arts courses. Select additional 12-15 hours of free electives.

COLLEGE OF EDUCATION

The mission of the College of Education is to prepare educators, counselors, administrators and other professionals to be lifelong, informed, reflective, innovative 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 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, Montgomery, 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	Global Campus*
Non-certification Programs					
Interpreter Training				X	X
Psychology					
x Comprehensive Program (54 hours)				X	
x Major (36 hours)	X	X	X	X	X

*consult Troy Global Campus 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 Requirements

Area IV

PSY 2200 (3) General Psychology

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

Area V Requirements

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
ASL 2250	(3)	Advanced American Sign Language
ASL 2252	(3)	American Sign Language Fingerspelling
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 3351	(3)	ASL / English Linguistics
EDU 3353	(3)	Interpreting English to ASL
EDU 3354	(3)	Interpreting ASL to English
EDU 3355	(3)	Transliteration
EDU 3360	(3)	Models of Interpretation / Transliteration
EDU 3364	(3)	Introduction to Educational Interpreting / Transliterating
EDU 3366	(3)	Discourse Analysis I
EDU 3368	(3)	Interpreting in Specialized Setting
EDU 3375	(3)	Introduction to Interactive Interpreting
EDU 4452	(3)	Discourse Analysis II
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

- x Successful completion of the Praxis II examination in all components of the exit examination: professional studies, teaching field(s), Praxis II and portfolio. The format and requirements of the examination may vary according to the major.
- x Successful completion of the Basic Skills examination. Certification Only
- x Successful completion of the Troy University Mathematics Modules. Candidates who currently hold a valid Alabama professional teacher certification may complete program requirements for recommendation of additional teaching fields. Transcripts and professional experience will be reviewed prior to beginning any coursework to determine eligibility. Candidates must successfully complete all program and course requirements, including exit examination(s), portfolio, and internship.
- x Successful completion of the Quality Teachers Standards Examination.

Any candidate who applies for professional certificate is subject to all regulations set forth by the Alabama State Department of Education, including comprehensive background check that shall be done prior to observations in P-12 settings. Additional requirements (e.g., standardized examinations to demonstrate content mastery) may be added as the Alabama State 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 fill 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.

Fingerprinting Requirement

Effective no later than the beginning of Fall 2008 semester, any candidate applying for admission to a state-approved program shall be required to be fingerprinted for a criminal history background check through the Alabama State Department of Education to the Alabama Bureau of Investigation (ABI) and the Federal Bureau of Investigation (FBI) pursuant to Act 2002-457. Fingerprinting must be done prior to conduction of observations in P-12 schools.

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 fill 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

All undergraduate teacher education programs comply with the Alabama Model for Identifying Highly Qualified Teachers in accordance with the No Child Left Behind Act (NCLB) of 2001.

Statement of Guarantee for New Educators

Candidates who are recommended by Troy University for Alabama state teacher certification shall be granted remediation at no cost if:

1. they are teaching in field and levels of the awarded certificate;
2. they receive less than the required minimum score of 18 on The Alabama Professional Education Personnel Evaluation Program (PEPE); and
3. remediation is requested within two years of the valid date of the Professional Educator certificate, which was issued based on recommendation by the unit.

In no case shall the unit be required to provide remediation for more than the first two years of employment.

Exit Examinations

All teacher education candidates must successfully complete all components of the required exit examination. There are four

Transfer Credit Allowances

At least 25% of the credit hours required for the degree must be earned in residence with Troy University. Transfer credit for professional education courses and teaching area courses which give consideration to pedagogical application is allowable only for courses taken at a regionally accredited institution in a state-approved teacher education/certification program. Other transfer credit is subject to approval.

Residency Requirement

A minimum of 12 semester hours in the professional studies area and a minimum of 12 semester hours in the teaching field must be earned prior to internship at the campus supervising the required internship in order for a student to be eligible for a recommendation for teacher certification.

General Studies Requirements

General studies courses cannot be used to meet requirements for both a major field and general studies. Some education majors have special general studies requirements. Consult your education adviser and the General Studies section of this catalog for details. Required listed under the appropriate departmental listing in this catalog.

Admission to the Teacher Education Program (TEP)

Admission to Troy University does not qualify a student for admission to the Teacher Education Program. Candidates may only enroll in EDU 3310, EDU 3305 or EDU 4499, PSY 3303, EDU 4400, and SPE 3340 prior to meeting all criteria for admission to the Teacher Education Program. Candidates must meet with their teaching field adviser for any restrictions regarding enrollment in teaching field courses prior to admission to TEP. Written application to the Teacher Education Program is required. Additional requirements include the following:

1. Completion of 48 semester hours of required general studies courses including grade of C or better in the two English composition courses and a grade of C or better in the required general studies mathematics course(s) for the teacher education major.
2. Elementary and collaborative teacher P-6 candidates must complete both MTH 1110 and MTH 1112 with a grade of C or better to satisfy math requirement for admission to TEP.
3. A minimum grade point average of 2.75 overall, in professional studies, and in the teaching field(s). Students who fail to meet the required GPA may repeat courses. The university academic policy will be applied in calculating grade point averages.
4. An initial score on the Alabama Prospective Teacher Test.
5. Successful completion of a formal speech and interview.
6. Completion of a minimum of 2 clock hours of classroom observation/participation.
7. Successful completion of an impromptu essay.

The Professional Internship Program

86 · COLLEGE OF EDUCATION

ECE 4401	(3)	Integrated Program
RED 3380	(3)	Children's Literature
RED 4483	(3)	Language and Literacy III: Intervention Strategies
SPE 4460	(3)	Collaboration in Education Practices

ELEMENTARY EDUCATION (K-6) (129 HOURS)

Specialized General Studies Requirements

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

Elementary education majors must complete a minimum of 12 semester hours in each of the following disciplines as part of general studies: mathematics, social science, science, and English.

Area II

ART 1133	(2)	Visual Arts
COM 2241	(3)	Fundamentals of Speech
ENG 2205	(3)	World Literature before 1660
ENG 2206	(3)	World Literature after 1660
MUS 1131	(2)	Music Appreciation

Area III

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

Area IV

Majors are strongly encouraged to select POL 2241, GEO 2210 and HIS 1111 and 1112 from the list of approved courses in Area IV.

Area V Requirements

IS 2241	(3)	Computer Concepts and
RED 4421		His 1111 Tw73

SPE 4454	(3)	Internship Seminar for Collaborative Teacher K-6
SPE 4474	(9)	Internship in Collaborative Teacher K-6
Required Courses in Collaborative Teacher (K-6) (Teaching Field)		
ELE 3362	(3)	Teaching Mathematics in the K-6 Classroom
KHP 4462	(3)	Physical Education for Exceptional Children
RED 3380	(3)	Children's Literature
RED 4481	(3)	Language and Literacy I: Grades P-3
RED 4483	(3)	Language and Literacy III: Intervention Strategies
SPE 3302	(3)	Intro to Moderate/Severe Disabilities
SPE 3306	(3)	Teaching Students with Mild Disabilities (K-6)
SPE 3309	(3)	Teaching Students with Moderate/Severe Disabilities (K-6)

____ 4481 (3) Methods and Materials for the ____ major (prefix: BIO, CHM, ENG, HIS, HLT, MTH, SCI, SS) Select the appropriate diverse learners course:
 KHP 4462 (3) Physical Education for Exceptional Children (KHP majors)

In addition to the required general studies and the education major identified above, students seeking Alabama teacher certification in grades 6-12 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.

MUS 4460 (3) Music for the Exceptional Learner (MUS majors)
 SPE 3340 (3) Diverse Learners (ART majors)

Available secondary education disciplines are as follows:

- x Biology
- x Chemistry
- x English/Language Arts
- x General Science
- x Health
- x History
- x Mathematics
- x Social Science

INTERDISCIPLINARY EDUCATION (P-12)

Specialized General Studies Requirements
 See the general studies section of this catalog for additional information.

Areas I-V
 See discipline specific major for specialized general studies requirements.

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

Education Major (Professional Studies)

EDU 3310 (3) The Professional Educator
 EDU 4471 (3) Curriculum and Instructional Delivery
 IED 4454 (3) Internship Seminar for Interdisciplinary Education
 PSY 3303 (3) Educational Psychology
 RED 4484 (3) Language & Literacy IV
 ____ 4472 (9) Internship in Interdisciplinary Education (prefix: ART, DRA, KHP or MUS)
 ____ 4481 (3) Methods and Materials for the ____ major (prefix: ART, DRA, 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)

The Physical Education (P-12) 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 sport, marketing, management, and administrative skills from a sport/fitness perspective. Within Sport and Fitness Management, students will choose a minor within the Department of Kinesiology and Health Promotion or a minor in another

Academic Probation Policy

Once a student's GPA has fallen below a 3.0, in either the ATEP core courses or overall, the ATEP director will place the student on academic probation. The student will have one academic semester to raise the GPA to the program criteria. If the student does not meet this standard, she will no longer be able to progress in the ATEP and will be released from the program.

Athletic Training Education Pr

92 · COLLEGE OF HEALTH AND HUMAN SERVICES

KHP 4474	(3)	Exercise Physiology
KHP L474	(1)	Exercise Physiology Lab
KHP 4476	(2)	Laboratory Practicum in Exercise Performance
NSG 1105	(1)	Medical Terminology
NSG 2211	(3)	Human Nutrition
NSG 3309	(2)	Health Assessment
NSG 3310	(1)	Health Assessment Practicum

Admission to the ASN Program is Completed in TWO steps:

STEP I

For admission to the ASN program, the student must:

1. submit application for admission to undergraduate studies with \$30 application fee;
2. submit Official high school transcript or the equivalent (GED). A high school transcript or GED is not required for students transferring a minimum 24 semester hours of college credit;
3. submit Official admission test scores. The ASN program accepts the following tests with a minimum score as shown:
ACT (20 composite)
SAT (950 verbal and math)
*A Bachelor's or higher degree from a regionally accredited institution exempts a student from the admission test requirement;
4. submit Official transcripts from all colleges and universities attended;
5. have a minimum grade point average (GPA) of at least 2.5/4.0 scale on all college work attempted at the undergraduate level. If less than 24 SH of college work has been attempted, you must have a minimum 2.5/4.0 High School GPA or a GED with a score of 500; and
6. be able to achieve certain core performance standards required for duties of the nursing profession (copy of standards available upon request).

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 Oct. 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 (i.e., no nursing courses will be transferred).

Progression

- a. Student must maintain an overall Troy University GPA of at least 2.0 on 4.0 scale while enrolled in nursing courses.
- b. Student must earn a grade of C or better in each required course.
- c. A student will be able to repeat a nursing course only one time to achieve a grade of C or better.
- d. A grade of D or F in more than seven semester hours of nursing courses will result in automatic dismissal from the ASN Program. These seven hours also include nutrition (NSG 2213 or 2204.)
- e. Student must make 85% or higher on a dosage and solutions

NSG 3301	(3)	Pharmacology	BIO L100	(1)	Principles of Biology Lab
NSG 3306	(2)	Perspectives of Professional Nursing	MTH 1112	(3)	Pre-Calculus Algebra, or placement
NSG 3309	(2)	Health Assessment			
NSG 3310	(1)	Health Assessment Practicum	Select a four hour course/lab combination from the following:		
NSG 3313	(3)	Nursing Concepts	CHM 1142	(3)	General Chemistry I, or placement
NSG 3314	(3)	Nursing Concepts Practicum	CHM L142	(1)	General Chemistry I Lab, or placement
NSG 3319	(2)	Informatics in Nursing			
NSG 3323	(3)	Maternal-Infant Health Nursing	PHY 2252	(3)	General Physics I
NSG 3324	(2)	Maternal-Infant Health Nursing Practicum	PHY L252	(1)	General Physics I Lab
			SCI 2233	(3)	Physical Science
NSG 3325	(3)	Adult Health Nursing I	SCI L233	(1)	Physical Science Lab
NSG 3326	(3)	Adult Health Nursing I Practicum			
NSG 3334	(3)	Psychiatric Mental Health Nursing	Area V Requirements		
NSG 3335	(2)	Psychiatric Mental Health Practicum	KHP 2201	(2)	Camping and Outdoor Recreation
NSG 3336	(3)	Adult Health Nursing II	KHP 2202	(2)	First Aid and Safety and CPR
NSG 3337	(2)	Adult Health Nursing II Practicum	KHP 2240	(3)	Personal and Community Health
NSG 4403	(3)	Child Health Nursing	KHP 2251	(2)	Foundations of Physical Education/SFM
NSG 4404	(2)	Child Health Nursing Practicum			
NSG 4405	(3)	Public Health Nursing	KHP 3360	(3)	Physiological Principles of Body Systems
NSG 4406	(2)	Public Health Nursing Practicum			
NSG 4407	(1)	Clinical Nutrition	IS 2241	(3)	Computer Concepts and Apps.
NSG 4413	(3)	Complex Nursing	TROY 1101	(1)	University Orientation
NSG 4414	(2)	Complex Nursing Practicum			
NSG 4415	(2)	Nursing Leadership/Management	Select two hours of physical activity courses.		
NSG 4417	(1)	Professional Nursing Seminar			
NSG 4419	(2)	Research and Evidence in Nursing Practice	Major requirements		
			KHP 2252	(3)	Methods of Teaching Dance
NSG 4421	(3)	Professional Nursing Clinical Preceptorship	KHP 3330	(2)	Physical Skills Proficiency
			KHP 3331	(2)	Physical Skills Proficiency II
			KHP 3352	(3)	Kinesiology and Efficiency of Human Movement
Core course requirements for post-licensure students:					
NSG 3309	(2)	Health Assessment	KHP 3361	(3)	Integrating HPER into the Curriculum
NSG 3310	(1)	Health Assessment Practicum			
NSG 3319	(2)	Informatics in Nursing	KHP 3395	(2)	Care and Prevention of Athletic Injury/Illness
NSG 3370	(2)	Professional Nursing			
NSG 4405	(3)	Public Health Nursing	KHP 4410	(3)	Motor Development
NSG 4406	(2)	Public Health Nursing Practicum	KHP 4474	(3)	Exercise Physiology
NSG 4407	(1)	Clinical Nutrition	KHP L474	(1)	Exercise Physiology Lab
			KHP 4485	(3)	Teaching Individual and Team Sports
NSG 4419	(2)	Research Process in Nursing	KHP 4486	(3)	Teaching Individual and Team Sports
or					
NSG 6691	(3)	Research Methodology			
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NSG 4430	(3)	Advanced Nursing Theory	RECREATION MINOR (18 HOURS)		
NSG 4431	(2)	Advanced Nursing Preceptorship	Select the appropriate curriculum:		
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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 advisors concerning all certification requirements.					
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(P-12)			For students not majoring in Sport and Fitness Management:		
Specialized General Studies Requirements			KHP 3340	(3)	Principles of Recreation
Area III			KHP 3355	(3)	Introduction to Sport and Fitness Management
BIO 1100	(3)	Principles of Biology I	KHP 4400	(3)	Sports Officiating
			KHP 4450	(3)	Event Management
			KHP 4455	(3)	Facility Management
			Select an additional three hours of KHP adviser-approved elective.		
			For students majoring in Sport & Fitness Management:		
			KHP 3340	(3)	Principles of Recreation
			KHP 3352	(3)	Kinesiology
			KHP 3360	(3)	Physiological Principles of Body Systems
			KHP 4400	(3)	Sports Officiating
			Select an additional six hours of KHP adviser-approved electives.		

 REHABILITATION PROGRAM

Specialized General Studies Requirements

Students will complete the general studies requirements as outlined in the general studies section of this catalog with the following exception. In the history, social, and behavioral sciences block, rehabilitation and social work students must choose the two social/behavioral science electives from ANT 2200, ECO 2251, POL 2241, PSY 2200, and SOC 2275.

Progression in Rehabilitation

- a. Students are required to make a grade of D or better in each of the required departmental and professional curriculum courses (all HS, RHB, and SWK prefixed courses.)
- b. A student remains in good standing by maintaining, at a minimum, a 2.0 GPA in all course work taken and a 2.0 GPA in all required departmental and professional courses.

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.

Core Requirements (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 2280	(3)	Rehabilitation/Social Work Research I
RHB 2281	(3)	Rehabilitation/Social Work Research II
RHB 3320	(3)	Human Behavior in the Social Environment II
RHB 3340	(3)	Social Policy and Planning
RHB 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 PROGRAM

Specialized General Studies Requirements

Students will complete the general studies requirements as outlined in the general studies section of this catalog with the following exception. In the history, social, and behavioral sciences block, social work students must choose the two social/behavioral

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

SPORT AND FITNESS MANAGEMENT MAJOR
(123 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.

All sport and fitness management majors should also select one 18-hour minor. This minor may be a department minor to include Exercise Science, Health Promotion, Recreation, or a minor outside the department (i.e. business, psychology, biology, history, etc.).

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 Requirements

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

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ACCOUNTING COURSES (ACT)

- ACT 2291 Principles of Accounting I (3)
Modern financial accounting theory and practices applied to sole proprietorships, partnerships, and corporations. Accounting majors must complete

100 · COURSE DESCRIPTIONS

- ACT 4497 Auditing (3)
Auditing theory as contained in official pronouncements. Emphasis will be placed on material required for the CPA exam as it relates to professional ethics, audit engagement, internal control, audit sampling, evidence gathering and auditors' reports. Accounting majors must complete this course with a grade of C or better. Prerequisite: ACT 3392.
- ACT 4498 Fraud Examination—Advanced Auditing (3)
Auditing theory and procedures as applied to fraud prevention, detection and investigation. Accounting majors must complete this course with a grade of C or better. Accounting majors must complete this course with a grade of C or better. Prerequisite: ACT 4497.
- ACT 4499 Accounting Internship (1 to 3 credit hours per course per semester)
Internship in local, regional or national firm. Requires junior or senior standing and individual approval for the internship program. See "Internship Program" for additional requirements. Accounting majors must complete this course with a grade of C or better.

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)

tural systems that formed the foundations of pre-industrial high civilizations of the New World and a survey of past cultures that achieved this degree of development.

ANT 4420 Forensic Osteology (3)
A survey of the methods used in recovering human osteological remains from field sites. It includes methods used in identifying, preserving, and recording data from human osteological remains, and the methods used in determining the cause of death, age, sex, race, and ~~stae~~ status of individuals from human osteological remains.

ANT 4491-92 Guided Independent Research (1 to 3 credit hours per course per semester)
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 chair

102 · COURSE DESCRIPTIONS

- ART 2228 Photo Studio I (3-5)
Introduction to the fundamentals of black and white darkroom photography.
- ART 2230 Color and Technology (3)
Introduction to the principles and science of color and color applications in both colorant and digital environments.
- ART 2250 Survey of Art History I (3)
Survey of the history of art from antiquity through the Gothic period.
- ART 2251 Survey of Art History II (3)
Survey of the history of art from Renaissance through Realism.
- ART 3301 Life Drawing (3-5)
Drawing the human form with emphasis on rendering mood and expression while learning skeletal and muscular structure.

ART 3361 Integrating Art into the Curriculum (3)
Critical and experiential investigation of ap-

104 · COURSE DESCRIPTIONS

AS L313 Leadership Laboratory II (1)

Leadership laboratory is mandatory for AFROTC cadets and it complements the AS 3313 course by providing cadets with advanced leadership experiences in officer-type activities thus giving students the opportunity to apply leadership and management principles.

AS 4412 National Security Affairs/Preparation for Active Duty I (3)

The first of two courses that examine the national security process, regional studies, advanced leadership ethics, and Air Force doctrine. Special topics of interest focus on the military as a profession, 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)

Leadership laboratory is mandatory for AFROTC cadets and it complements the AS 4412 course by providing cadets with advanced leadership experiences, giving students the opportunity to apply the leadership and management principles.

AS 4413 National Security Affairs/Preparation for Active Duty II (3)

The second of two courses that examine the national security process, regional studies, advanced leadership ethics, and Air Force doctrine. Special topics of interest focus on the military as a profession, 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 L413 Leadership Laboratory II (1)

Leadership laboratory is mandatory for AFROTC cadets, and it complements the AS 4413 course by providing cadets with advanced leadership experiences, giving students the opportunity to apply the leadership and management principles.

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competencies and proficiencies that are introduced
in the didactic setting. Prerequisite: Acceptance

106 · COURSE DESCRIPTIONS

	in this course. Prerequisites: Acceptance into ATEP, AT 3302		function of the human body. Credit for this course cannot be applied toward any curriculum in biology. Corequisite: BIO L110.
AT 4402	Athletic Training Field Experience (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.	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. Corequisite: BIO 1110.
AT 4447	Therapeutic Modalities (3) 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.	BIO 2202	Principles of Environmental Science (3) The consequences of human activities on the environment, emphasizing current global problems, social attitudes, and potential solutions. Prerequisites: BIO 1100/L100. Corequisite: BIO L202.
AT L447	Therapeutic Modalities Lab (1) Lab accompanying AT 4447. Students will learn psychomotor skills through the clinical application of therapeutic modalities on the physically active. Corequisite: AT 4447.	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. Corequisite: BIO 2202.
AT 4448	Therapeutic Exercises (3) 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.	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 different fields will discuss their specialties to provide students with realistic perspectives.
AT L448	Therapeutic Exercises Lab (1) Lab accompanying AT 4448. Students will learn psychomotor skills through the clinical application of therapeutic exercise on the physically active. Corequisite: AT 4448.	BIO 2220	Principles of Cell Biology (3) Introduction to cell structure and function with emphasis on comparative morphology, organelle structure and function, and cell physiology. Prerequisites: BIO 1101/L101. Corequisite: BIO L220.
<hr/> BIOLOGY COURSES (BIO) <hr/>		BIO L220	Principles of Cell Biology Lab (1) Laboratory studies of cell biology with an emphasis on cell anatomy, function and specialization. Prerequisite: BIO 1101/L101. Corequisite: BIO 2220
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. Corequisite: BIO L100.	BIO 2229	General Ecology (3) The relationships of living organisms to one another and to the nonliving environment. Basic ecological concepts with the emphasis on bioenergetics, limiting factors, adaptation to a changing environment, the niche, ecological pyramids, and succession. Prerequisites: BIO 1100. Corequisite: BIO L101.
BIO L100	Principles of Biology Lab (1-2) Measurements, microscopy, ecology, cell structure, bioenergetics, cell reproduction, and heredity. Corequisite: BIO 1100.		
BIO 1101	Organismal Biology (3) Biological concepts and processes of protists, fungi, plants, and animals. Prerequisites: BIO 1100/L100. Corequisite: 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. Corequisite: 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		

BIO L307	Invertebrate Zoology Lab (1-3) Anatomy, classification, and life histories of invertebrates Prerequisites: BIO 1101/L101. Corequisite: BIO 3307.	BIO L328	Environmental Pollution and Control Lab (1-3) Field and laboratory techniques for air, water, land, and noise pollution Prerequisites: BIO 2202/L202, 2229/L229, CHM 1143/L143. Corequisite: BIO 3328.
BIO 3308	Vertebrate Zoology (3) Taxonomy, structure, life histories, behavior, and distribution of vertebrates Prerequisites: BIO 1101/L101. Corequisite: BIO L308.	BIO 3340	Evolution (3) Evolution is the fundamental unifying theory in biology. The course will introduce the major principles of evolutionary biology such as evolutionary genetics, adaptation and natural selection, biological diversity, paleobiology and macroevolution.
BIO L308	Vertebrate Zoology Lab (1-3) Taxonomy, structure, life histories, and behavior of vertebrates Prerequisites: BIO 1101/L101. Corequisite: BIO 3308.	BIO 3347	Human Anatomy and Physiology I (3) Anatomical terminology, survey of cell types and tissues, and detailed coverage of the integumentary, skeletal, muscular, and nervous systems of humans. Prerequisites: BIO 1100/L100 or BIO 1110/L110 and CHM 1142/L142 or CHM 1115/L115. Corequisite: BIO L347.
BIO 3320	Genetics (3) Principles of heredity from basic Mendelian concepts through molecular genetics Prerequisites: BIO 1101/L101, 2229/L229, CHM 1143/L143, MTH 1112 or equivalent and MTH 2210 or equivalent, or permission of chair. Corequisite: BIO L320.	BIO L347	Human Anatomy and Physiology I Lab (1-3) Anatomical terminology, survey of cell types and tissues, and detailed coverage of the integumentary, skeletal, muscular, and nervous systems of humans. Prerequisites: BIO 1100/L100 or BIO 1110/L110 and CHM 1142/L142 or CHM 1115/L115. Corequisite: BIO 3347.
BIO L320	Genetics Lab (1-3) Basic laboratory techniques in genetics, including the genetics of common laboratory organisms Prerequisites: BIO 1101/L101, 2229/L229, CHM 1143/L143, MTH 1112 or equivalent and MTH 2210 or equivalent, or permission of chair. Corequisite: BIO 3320.	BIO 3348	Human Anatomy and Physiology II (3) The endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems of humans Prerequisites: a grade of C or better in BIO 3347/L347. Corequisite: BIO L348.
BIO 3325	Plant Form and Function (3) The development, structure, and function of plant tissues and organs. Primary emphasis on anatomical, morphological, and physiological features of angiosperms Prerequisites: BIO 1101/L101. Corequisite: BIO L325.	BIO L348	Human Anatomy and Physiology II Lab (1-3) The endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems of humans Prerequisites: BIO 3347/L347. Corequisite: BIO 3348.
BIO L325	Plant Form and Function Lab (1-3) The development, structure, and function of plant tissues and organs, with the primary emphasis on structures. Prerequisites: BIO 1101/L101. Corequisite: BIO 3325.	BIO 3355	Microscopy and Microtechnique (4) Study of the theory, operation and use of light and electron microscopy techniques. Study of specimen preparation techniques for the light and electron microscope Prerequisites: BIO 1101/L101, CHM 1143/L143.
BIO 3326	Plant Diversity (3) Taxonomy, structures, reproduction, and life cycles of fungi, algae, bryophytes, and vascular plants. Prerequisites: BIO 1101/L101. Corequisite: BIO L326.	BIO 3372	Microbiology (3) Fundamentals of microbiology including historical perspectives, anatomy and growth of bacteria, microbial metabolism, diseases caused by them, and interrelationships of microorganisms with the environment. Prerequisites: BIO 1100/L100 or 1110/L110 and CHM 1142/L142 or 1115/L115. Corequisite: BIO L372.
BIO L326	Plant Diversity Lab (1-3) Taxonomy, structures, reproduction, and life cycles of fungi, algae, bryophytes, and vascular plants. Prerequisites: BIO 1101/L101. Corequisite: BIO 3326.	BIO L372	Microbiology Lab (1-3) Fundamentals of microscopy, sterile techniques, staining procedures, isolation techniques, identification of unknowns, and biochemical tests Prerequisites: BIO 1100/L100 or 1110/L110 and CHM 1142/L142 or 1115/L115. Corequisite: BIO 3372.
BIO 3328	Environmental Pollution and Control (3) Sources, effects, and methods of control for air, water, land, and noise pollution Prerequisites: BIO 2202/L202, 2229/L229, CHM 1143/L143. Corequisite: BIO L328.		

108 · COURSE DESCRIPTIONS

- BIO 3382 Immunology (3)
 The cellular and humoral system involved in the host response and immunity of organisms to foreign substances. Mechanisms of humoral immunity, cellular immunity, and hypersensitivities. Prerequisites: BIO 3372/L372, CHM 3342/L342. Corequisite: BIO L382.
- BIO L382 Immunology Lab (1-3)
 Analysis of immunological techniques used in research and clinical settings. Prerequisites: BIO 3372/L372, CHM 3342/L342. Corequisite: BIO 3382.
- BIO 3386 Hematology (3)
 The study of blood cells and blood-forming organs under normal and diseased states. Prerequisites: BIO 3320/L320, 3372/L372, CHM 3342/L342. Corequisite: BIO L386.
- BIO L386 Hematology Lab (1-3)
 Cytological and instrumental analyses of blood cells and blood forming organs. Hematological analysis of normal and diseased states. Introduction to blood-banking procedures. Prerequisites: BIO 3320/L320, 3372/L372, CHM 3342/L342. Corequisite: BIO 3386.
- BIO 4402 Spring Flora (4-7)
 Survey of vascular plants from different habitats in southeast Alabama. Principles of plant taxonomy, including history and systems of classification and nomenclature, the use of dichotomous keys, and general herbarium techniques. Emphasis is placed on plant identification and habitat types. Prerequisites: BIO 1101/L101, 2229/L229.
- BIO 4405 Entomology (3)
 Orders of insects with the emphasis on morphology, taxonomy, and life cycle. Prerequisites: BIO 1101/L101. Corequisite: BIO L405.
- BIO L405 Entomology Lab (1-3)
 Morphology, classification, and identification of insects. A collection is required. Prerequisites: BIO 1101/L101. Corequisite: BIO 4405.
- BIO 4410 Animal Behavior (3)
 Classification of animals based on phylogeny and behavior. Prerequisites: BIO 1101/L101, 2229/L229. Corequisite: BIO L410.

	sites: BIO 2229/L229, 3320/L320, CHM 1143/L143, MTH 2210. Corequisite: BIO 4421.	BIO 4446	Herpetology (3) Morphology, anatomy, physiology, taxonomy, life histories, distribution, and adaptations of amphibians and reptiles. Prerequisites: BIO 1101/L101, 2229/L229. Corequisite: BIO L446.
BIO 4425	Field Botany (4-7) Survey of vascular plants from different habitats in southeast Alabama. Principles of plant taxonomy, including history and systems of classification and nomenclature, the use of dichotomous keys, and general herbarium techniques. Emphasis is placed on plant identification and habitat types. Prerequisites: BIO 1101/L101, 2229/L229.	BIO L446	Herpetology Lab (1-3) Structural features, identification, and classification of amphibians and reptiles. Prerequisites: BIO 1101/L101, 2229/L229. Corequisite: BIO 4446.
BIO 4430	Applied Genetics (3) Advanced studies in genetics with emphasis on cytogenetics and molecular genetics. Prerequisites: BIO 3320/L320, 3372/L372, CHM 3343/L343. Corequisite: BIO L430.	BIO 4447	Ornithology (3) Morphology, anatomy, physiology, taxonomy, life histories, distribution, and adaptations of birds. Prerequisites: BIO 1101/L101, 2229/L229. Corequisite: BIO L447.
BIO L430	Applied Genetics Lab (1-3) An introduction to procedures and equipment used in the study of cytogenetics and molecular genetics. Prerequisites: BIO 3320/L320, 3372/L372, CHM 3343/L343. Corequisite: BIO 4430.	BIO L447	Ornithology Lab (1-3) Structural features, identification, and classification of birds. Prerequisites: BIO 1101/L101, 2229/L229. Corequisite: BIO 4447.
BIO 4432	Comparative Vertebrate Anatomy (3) Detailed study of vertebrate organ-systems with emphasis on structural and functional morphology and evolutionary relationships. Prerequisites: Any 3000-level biology lecture and lab. Corequisite: BIO L432.	BIO 4448	Mammalogy (3) Morphology, anatomy, physiology, taxonomy, life histories, distribution, and adaptations of mammals. Prerequisites: BIO 1101/L101, 2229/L229. Corequisite: BIO L448.
BIO L432	Comparative Vertebrate Anatomy Lab (1-3) Detailed study of the shark, mudpuppy, and cat with emphasis on structural and functional morphology. Prerequisites: Any 3000-level biology lecture and lab. Corequisite: BIO 4432.	BIO L448	Mammalogy Lab (1-3) Structural features, identification, and classification of mammals. Prerequisites: BIO 1101/L101, 2229/L229. Corequisite: BIO 4448.
BIO 4433	Embryology (3) Embryonic development of vertebrates. This course links cellular and molecular mechanisms to morphogenesis. Prerequisites: BIO 3320/L320, 3372/L372, CHM 3343/L343. Corequisite: BIO L433.	BIO 4451	Toxicology (3) Principles related to the adverse effects of chemicals on living organisms. Prerequisites: CHM 3342/L342. Corequisite: BIO L451.
BIO L433	Embryology Lab (1-3) Embryonic development of vertebrates as illustrated by the frog, chick, and pig. Lab includes experimental investigation of developing systems. Prerequisites: BIO 3320/L320, 3372/L372, CHM 3343/L343. Corequisite: BIO 4433.	BIO L451	Toxicology Lab (1-3) Assessment of the toxicity of chemical agents following standard protocols. Prerequisites: CHM 3342/L342. Corequisite: BIO 4451.
BIO 4445	Ichthyology (3) Morphology, anatomy, physiology, taxonomy, life histories, distribution, and adaptations of fishes. Prerequisites: BIO 1101/L101, 2229/L229. Corequisite: BIO L445.	BIO 4452	Industrial Hygiene (3) Identification and correction of chemical, biological, and physical hazards in and around the workplace. Prerequisites: CHM 3343/L343. Corequisite: BIO L452.
BIO L445	Ichthyology Lab (1-3) Structural features, identification, and classification of freshwater and marine fishes. Prerequisites: BIO 1101/L101, 2229/L229. Corequisite: BIO 4445.	BIO L452	Industrial Hygiene Lab (1-3)

110 · COURSE DESCRIPTIONS

- BIO L471 Parasitology Lab (1-3)
Laboratory study of parasitic protozoa, helminths, and arthropods, with the emphasis on those of medical importance. Prerequisites: Any 3000-level biology lecture and lab. Corequisite: BIO 4471.
- BIO 4480 Histology (3)
Microscopic anatomy and fu
- BIO 4474 Internship in Biology 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 Internship Seminar for Secondary Education.
- BIO 4476 Special Topics in Biology (1 to 4 credit hours per course per semester)
Specialized topics not generally included in course offerings. Prerequisite: Permission of instructor.
- BIO 4478 Cell Biology (3)
Cell structure and function with the emphasis on biochemical and molecular mechanisms. Topics include cell division, movement, differentiation, and recognition. Prerequisites: BIO 3320/L320, 3372/L372, CHM 3343/L343. Corequisite: BIO L478.
- BIO L478 Cell Biology Lab (1-3)
Experimental approaches for studying cells at the biochemical and molecular level. Prerequisites: BIO 3320/L320, 3372/L372, CHM 3343/L343. Corequisite: BIO 4478.
- BIO 4479 Environmental Assessment (3)
An examination of theory and practices required in performing stream environmental assessment as currently practiced by state and federal agencies in their attempt to preserve biological integrity. Sustainable management of natural resources and a systems approach to environmental problem solving will be emphasized. Topics covered include water quality, habitat assessment, indicator species used in ecological inventory with a concentration on macro invertebrate and fish assemblages, and the index of biological integrity. Prerequisites: BIO 1101/L101; 2202/L202 or 2229/L229. Corequisite: BIO L479.
- BIO L479 Environmental Assessment Lab (1-3)
Laboratory instruction and hands-on field training regarding stream environmental assessment as currently practiced by state agencies in their attempt to preserve biological integrity. Topics covered include measurement of water quality, habitat, and practice sampling techniques, with a concentration on fish and macro invertebrate assemblages. In addition, students will learn the use of the index of biological integrity using their own collections of fish assemblages. Prerequisites: BIO 1101/L101; 2202/L202 or 2229/L229. Corequisite: BIO 4479.

BUSINESS COURSES (BUS)

- BUS 1101 Introduction to Business (3)
Topics covered include management, the free enterprise system, accounting, finance, marketing, economics, international business and other business

112 · COURSE DESCRIPTIONS

CHM 3342 Organic Chemistry I (3)

An introduction to the chemistry of carbon compounds that develops theoretical principles underlying organic materials. Prerequisites: CHM 1143/L143. Corequisite: CHM L342.

CHM L342 Organic Chemistry I Lab (1 - 3)

Experimental techniques and skills for preparing, manipulating, and reacting organic molecules. Corequisite: CHM 3342.

CHM 3343 Organic Chemistry II (3)

A continuation of CHM 3342 with emphasis on modern organic synthesis. Prerequisites: CHM 3342/L342. Corequisite: CHM L343.

CHM L343 Organic Chemistry II Lab (1 - 3)

Experimental techniques and skills for preparing, manipulating, and reacting organic molecules. Corequisite: CHM 3343.

CHM 3350 Principles of Physical Chemistry (3)

An introduction to the principles of chemical thermodynamics, reaction kinetics and chemical equilibrium. Prerequisites: CHM 3343; PHY 2253/L253; or PHY 2263/L263. Corequisite: CHM L350.

CHM L350 Principles of Physical Chemistry Lab (1-3)

Practical applications of thermochemistry, colligative properties, and reaction kinetics. Corequisite: CHM 3350.

CHM 3352 Biochemistry (3)

Experimental- 3343. 9(l)-6(ribes t)-5.76(c .002i)-5.0034Tw7(lher607.il)-5.00l5d chem6.6t5d chem6.riher60li@manipulatin6 CH

prerequisite: admission to TEP; Corequisite: SED

114 · COURSE DESCRIPTIONS

- 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 addressing 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.

CJ 4491-92	Guided Independent Research (1 to 3 credit hours per course per semester) Additional information is indexed under Independent Study and Research.	CLA 4492	Guided Independent Research (1 to 3 credit hours per course per semester) Additional information is indexed under Independent Study and Research.
CJ 4493-94	Guided Independent Study (1 to 3 credit hours per course semester) Additional information is indexed under Independent Study and Research.	CLA 4493	Guided Independent Study (1 to 3 credit hours per course per semester) Additional information is indexed under Independent Study and Research.
CJ 4499	Senior Seminar in Criminal Justice (3) This is a capstone course designed to (1) help seniors integrate the knowledge gained from their other required criminal justice courses, (2) assist them in developing analytical thinking skills through focusing on selected topics using a seminar approach, and (3) support them in gaining a better understanding of the criminal justice profession and the role they may play in it.	CLA 4494	Guided Independent Study (1 to 3 credit hours per course per semester) Additional information is indexed under Independent Study and Research.

CLASSICS COURSES (CLA)

CLA 2260	Classical Mythology (3) Myths of the Greeks and Romans and their influence.
CLA 2290	Classical Literature in English Translation (3) Greek and Roman masterpieces as expressions of humanity. Prerequisites: ENG 1101, 1102.
CLA 3311	Civilization of Greece (3) Historical and cultural achievements of the Greeks and their legacy to the modern world. Note: May be taken for credit as an elective in the Department of History.
CLA 3312	Civilization of Rome (3) Historical and cultural achievements of the Romans and their legacy to the modern world. Note: May be taken for credit as an elective in the Department of History.
CLA 3330	Classical Epic (3) Homer's Iliad and Odyssey; Virgil's Aeneid and the epic tradition.
CLA 3350	Classical Drama (3) The ancient theatre and its influence with selected plays by Greek and Roman playwrights.
CLA 4400	Selected Topics in Classics (3) Selected topics in classical studies generally not covered in other courses. May be repeated once for credit.
CLA 4491	Guided Independent Research (1 to 3 credit hours per course per semester) Additional information is indexed under Independent Study and Research.

118 · COURSE DESCRIPTIONS

programming and systems. Topics include classes, data hiding, modularity, inheritance, and reusable code presented through the use of some object-oriented language
Prerequisite: CS 3360

CS 3365 Introduction to Computer Organization and Architecture (3)
Organization and operation of computer systems. Topics include hardware components of digital computers, micro-programming, memory management, interrupt organization, addressing modes, and instruction formats
Prerequisite: CS 3310

CS 3370 Nature of Programming Languages (3)
Basic principles and concepts of programming languages including what a programming language is, various paradigms that a language can follow, and how its syntactical and semantic structures can be specified. The traditional object-oriented paradigm will be presented as well as non-traditional paradigms based on symbolic logic (logic programming) and on functions in lambda calculus (functional programming)
Prerequisite: CS 3323 or 3330.

CS 3372 Formal Languages and the Theory of Computation (3)
Formal languages and the theory of computation. Topics include automata theory, formal languages, and the theory of computation.
Prerequisite: CS 3323 or 3330.

CS 4495 Special Topics in Computer Science (3)
 Topics in computer science that are not included in regular course offerings. Specific contents are announced in the course schedule for a given term. Prerequisites: senior standing or consent of instructor.

and musicality
 Prerequisite: Audition placement or permission of the Department of Theatre and Dance.

DAN 2236 Jazz II (2)
 The study and application of the fundamental concepts, skills, movement vocabulary and artistic expression specific to tap dance.
 Prerequisite: DAN 1137 or permission of the Department of Theatre and Dance.

DANCE COURSES (DAN)

DAN 1130 Social Dance in the 21st Century (1)
 A cross-cultural survey of theories and styles of dance, their relationship to societal contexts and other art forms.

DAN 2237 Tap II (1)
 Progressive development of intermediate to intermediate/high movement concepts, skills, vocabulary, and styles specific to tap dance.
 Prerequisite: DAN 1137 or permission of the Department of Theatre and Dance

DAN 1132 Contemporary I (1)
 Development of technical skills in beginning contemporary dance, including rhythmic perception and spatial awareness with introduction to aesthetic and expressive qualities that lead to performance.

DAN 2252 Methods of Teaching Dance (3)
 Social, folk and square dancing, including basic rhythmic activities which can be taught in elementary, middle and high school.
 Equivalent to KHP 2252.

DAN 1134 Ballroom Dance
 An introduction to social dancing with an emphasis on American ballroom dances (foxtrot, waltz, swing) and Latin ballroom dances (cha cha, mambo, tango). Equivalent to KHP 1134.

DAN 3300 Musical Theatre Dance (2)
 The exploration of the genre of musical theatre dance in early and contemporary American jazz and tap styles that relate to theatre productions.
 Prerequisites: DAN 1135 and 1137 or higher.

DAN 1135 Ballet I (1)
 The development of technical skills in beginning ballet, including safe and efficient alignment and clear articulation of movement vocabulary with emphasis on increased vocabulary and musicality.

DAN 3330 Special Topics in Dance (1 to 3 credit hours)
 Special topics in dance.

DAN 1136 Jazz I (1)
 The study and application of the fundamental concepts, skills, movement vocabulary, and artistic expression specific to beginning jazz dance.

DAN 3332 Contemporary III (2)
 Continued refinement of technical skills in contem-

DAN 1137 Tap I (1)
 Progressive development of beginning to low/intermediate movement concepts, skills, vocabulary, and styles specific to tap dance.

DAN 2200 Orientation to Dance (2)
 Introduction to the basic concepts and principles common to ballet, contemporary and jazz dance through studio experience, discussions and concert attendance. This is a skills class.

DAN 2232 Contemporary II (2)
 Refinement of technical skills in contemporary/modern dance at the intermediate/high intermediate level, including complex movement capabilities, rhythmic structures, spatial relationships, movement vocabulary with emphasis on aesthetic and expressive qualities that lead to performance.
 Prerequisite: Audition placement or permission of the Department of Theatre and Dance.

DAN 2235 Ballet II (2)
 Further development of technical skills in intermediate ballet, including dynamic alignment, body/mind connection, with emphasis on self-expression through the ballet aesthetic and increased vocabulary

120 · COURSE DESCRIPTIONS

DAN 3380 Travel Study in Dance (3)
Supervised study of dance through travel abroad or within the United States. May be repeated for credit. Prerequisite: Permission of instructor.

DAN 3388 Dance Practicum I (1)

122 · COURSE DESCRIPTIONS

3310, admission to TEP

DRA 4491-92 Guided Independent Research (1 to 3 credit hours per course)
Information is indexed under Independent Study and Research.

DRA 4493-94 Guided Independent Study (1 to 3 credit hours per course)
Information is indexed under Independent Study and Research.

DRA 4496-97 Internship (3 to 6 credit hours per course)
An internship with a recognized professional theatre program or company in which the student is assigned specific tasks of one of the recognized areas of theatre arts. The number of credit hours earned will depend upon the number of hours contracted for in the internship agreement. The course is designed to give the student an opportunity for practical application of skills in theatre arts in a professional theatre setting. The student must apply and meet admission requirements.

INTERNATIONAL ECONOMIC DEVELOPMENT COURSES (ECD)

ECD 3360 Principles of International Economic Development (3)

- EDU 4400 Classroom Management (3)
This course is designed for all education majors. The purpose of this course is to establish a foundation of content and application relative to classroom management and discipline, emphasizing reflection, decision making, and integrated teaching/learning strategies. Methodologies utilized will include discussion, lecture, field experience, case studies, problem solving sessions, projects, and research.
- EDU 4452 Discourse Analysis II (3)
Students will develop a better understanding of the broad methodological areas of discourse analysis and conversation analysis as an approach for understanding signed languages and English, particularly in the context of interpreting.
Prerequisite: EDU 3366
- EDU 4456 Advanced Voice to Sign Interpreting / Transliterating (3)
Focuses on interpreting/transliterating from spoken English to ASL or Manual Codes for English.
Prerequisites: ASL 2242; Intermediate Plus level on SCPI; or permission of instructor.
- EDU 4457 Advanced Sign to Voice Interpreting / Transliterating (3)
Focuses on interpreting/transliterating from ASL or Manual Codes for English to spoken English. Students develop appropriate use of register and cross-cultural bridging techniques.
Prerequisites: ASL 2242; Intermediate Plus level on SCPI; or permission of instructor.
- EDU 4458 Advanced Interactive Interpreting (3)
Course focuses on consecutive and simultaneous interpreting and transliterating. Students will develop skills in team interpreting in interactive settings.
Prerequisites: ASL 2242, EDU 2200 and 3360; or Advanced Level on SCIP; or permission of instructor.
- EDU 4462 Practicum I: Seminar and Field Experiences (3)
This is a field experience course in which interpreter trainees have the opportunity to interview, observe, interact with and shadow interpreters in public venues.
Prerequisite: Completion of coursework.
- EDU 4463 Practicum II: Seminar and Field Experiences (3)
This is a field experience course in which interpreter trainees have the opportunity to team interpret with credentialed interpreters. Trainees will interpret in one-on-one situations for which they are qualified.
Prerequisite: EDU 4462
- EDU 4465 Internship: Educational Interpreting (6)
The internship provides an opportunity for the student to perform, under supervision, a variety of

126 · COURSE DESCRIPTIONS

EDU 4493-94 Guided Independent Study (1 to 3 credit hours)

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 chair and the 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. 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."

EDU 4499 Technology Across the Curriculum (3)

This course prepares the student to use a variety of technologies in developing curriculum and planning instruction for diverse learners in grades K-6. Attention is given to the history of technology, software selection and the integration of technology into the curriculum by matching technology resources and tools to instructional needs.

ELEMENTARY EDUCATION COURSES (ELE)

ELE 3360 Teaching Social Science in the K-6 Classroom (3)

This course provides a study of the varied d1tyev267 -[((3))TJ /TTpo:h1EMeE

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ENG 1100 Preparatory English (3)
 Developmental instruction in composition and mechanical skills needed to write clear, effective sentences and paragraphs involves application of appropriate computer software and a variety of written activities. Students are placed in this course, ENG 0096, or ENG 1101 depending on placement exam score; see the local campus testing center for specific cut-off scores. Students may also be required to attend weekly sessions at a writing and/or computer center. Note: Under no circumstances may this course substitute for any general studies requirement; nor may it be used to meet minimum degree requirements. Grade C or better required.

ENG 1101 Composition And Modern English I (3)
 Intensive instruction in the writing process. Focuses on organization of ideas in well-developed expository and argumentative essays (usually six to eight essays), with stress on grammar, punctuation, and vocabulary development. A grade of C or better is required for credit. Must be completed within first 30 hours of enrollment. Prerequisite: Placement Testing.

ENG 1102 Composition and Modern English II (3)
 Text-based analyses and application of principles and tools of research in writing short research papers. A grade of C or better required for credit. Must be taken within first 30 hours of enrollment. Prerequisite: ENG 1101 or equivalent

ENG 1103 Honors English Composition I (3)
 Introductory study and practice of composition for the superior student. Prerequisite: Minimum English score of 27 on the ACT or 640 on the SAT, or recommendation by an 1101 instructor

ENG 1104 Honors English Composition II (3)
 Continuation of study and practice of composition for the superior student. Prerequisite: Minimum grade of C in ENG 1103 or recommendation by a 1101 or 1102 instructor

ENG 1150 Basic Study Techniques (1)
 Presentation of and practice in basic study techniques, including strategies for planning personal success, outlining materials, studying for tests, and taking tests.

ENG 2205 World Literature before 1660 (3)
 Introduction to attitudes, philosophies, and reflections of life in world literary masterpieces from the ancient world, Middle Ages, and Renaissance. Requires demonstration of acceptable writing skills. Prerequisite: ENG 1102 or equivalent

Introduction to attitudes, philosophies, and reflections of life in world literary masterpiecesT6 1 Tf -11.08 -1En4 miats3(c s)5128 Tw [(quires demon -1.0001 Tc .0tp7 08D .000s

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128 · COURSE DESCRIPTIONS

	<p>be on social and historical ramifications, on appreciation of film as a literary and art form, and on the major pioneers and contributors to the American movies. Prerequisite: six semester hours of 2000-level English courses</p>		<p>Includes technical and scientific documents such as reports, proposals, and user manuals. Prerequisite: ENG 2260 or permission of instructor.</p>
ENG 3301	<p>Women's Literature (3) Representative works of literature by women. Prerequisite: six semester hours of 2000-level English courses</p>	ENG 3351	<p>Introduction to Creative Writing I (3) Practice in writing poetry, short stories, and/or plays, along with a concentrated study of the techniques and principles of creative writing in each genre. Prerequisite: six semester hours of 2000-level English courses</p>
ENG 3303	<p>Writing across the Disciplines (3) An advanced study of writing expository, non-fiction prose which focuses on a variety of academic disciplines. Note: This course may not be used to meet English degree requirements but may be taken for free elective credit. Prerequisite: six semester hours of 2000-level English courses</p>	ENG 3352	<p>Advanced Creative Writing I (3) Continued practice in writing poetry, short stories, and/or plays, along with a more advanced study of the techniques and principles of creative writing in each genre. Prerequisite: six semester hours of 2000-level English courses; ENG 3351 or permission of instructor</p>
ENG 3305	<p>Folklore/Mythology (3) A multicultural survey of the forms and varieties of the mythology and folklore of major western cultures, emphasizing stories of Scandinavian, German, British, and American origin, and the application of these forms in modern cultures and literature. This course is recommended for English teachers seeking middle school certification. Prerequisite: six semester hours of 2000-level English courses</p>	ENG 3353	<p>Advanced Creative Writing II (3) Practice in writing poetry, short fiction, or plays for class and instructor evaluation. Prerequisite: six semester hours of 2000-level English courses; ENG 3351 or permission of instructor</p>
ENG 3310	<p>Fiction and Film (3) Representation of fiction on film, with attention to visual techniques and the translation and representation of major literary themes. Prerequisite: six semester hours of 2000-level English courses</p>	ENG 3354	<p>Advanced Nonfiction Writing (3) The literature of fact. Emphasis on student writing and analysis of nonfiction forms, such as personal narrative, autobiography, etc. in prose, and New Journalism. Prerequisite: six semester hours of 2000-level English courses; ENG 3351 or permission of instructor</p>
ENG 3315	<p>Modern Drama (3) Study of plays written between 1900 and the present. List of plays may vary with each offering. Prerequisite: six semester hours of 2000-level English courses</p>	ENG 3355	<p>Verse Writing (3) Development of techniques in the practice of poetry, including expression through metrical patterns, rhyme, rhythm, imagery, metaphor, and symbolism. Prerequisite: six semester hours of 2000-level English courses; ENG 3351 or permission of instructor</p>
ENG 3320	<p>Introduction to Linguistics (3) Overview to linguistics, the scientific study of language. The course will acquaint students with the grammatical, social, biological, and technological applications of language. Prerequisites: ENG 1101, 1102</p>	ENG 3356	<p>Form and Theory of Fiction (3) Primarily a reading course for writers. Examination of the classic texts of literary theory; analysis of the use and purpose of the elements of fiction; and discussion of fiction form, from the short-short to hyper-text. Prerequisite: six semester hours of 2000-level English courses</p>
ENG 3326	<p>Science Fiction (3) An exploration of the literary, social, and generic importance of science fiction. Prerequisite: six semester hours of 2000-level English courses</p>		<p>Prerequisite: hours of 2000-level English courses. Note: heortrno</p>
ENG 3341	<p>Advanced Grammar (3) Detailed study of the structural system of English grammar. Prerequisite: six semester hours of 2000-level English courses</p>		<p>credit6opat toward En(7.1(glish majy)9y)9minor</p>
ENG 3345	<p>Technical and Professional Editing (3) Principles and practices of editing technical and scientific documents. Overview of the editing process; defining the editor's roles and responsibilities, revising at structural and sentence levels, and addressing stylistic conventions of technical fields.</p>		

- ENG 3362 The Arthurian Legend through the Ages (3)
Examination of Arthur not only in literary and historical works from its earliest traces in the Middle Ages to the present, but also in archaeology, the visual and decorative arts (especially painting and sculpture), manuscript illumination, film, musical, and opera
Prerequisite: six semester hours of 2000-level English courses
- ENG 3365 Advanced Technical and Professional Writing (3)
Study of technical communication as a dynamic process in organizational and social environments, including the manner in which organizational hierarchies, purposes, and stylistic conventions interact with the writing process. Professional literature and professional associations concerned with improving communications within students' disciplines
Prerequisite: ENG 2260 or permission of instructor
- ENG 3366 Professional Document Design (3)
Overview of the fundamental concepts and techniques of information design and production for both print and online documents, including the coordination of text, typography, and graphics; principles of audience analysis, usability, and readability; and an introduction to computer software for desktop publication and web design
Prerequisite: ENG 2260 or permission of instructor
- ENG 3371 Literature for Adolescents (3)
Principles of and practice in the selection of literature for upper-elementary and for junior and senior high school students, with attention given to multicultural literature
Note: No credit toward English major or minor. Credit applied only to middle school education certification program in English.
Prerequisite: six semester hours of 2000-level English courses
- ENG 4400 Selected Topics in Literature and/or Professional Writing (3)
Study of a topic of special interest and importance not covered in regularly offered courses in English.
Prerequisite: six semester hours of 2000-level English courses
- ENG 4401 Chaucer (3)
Study of Chaucer's major poetry
Prerequisite: six semester hours of 2000-level English courses
- ENG 4402 Studies in Medieval Literature (3)
Study of non-Chaucerian British literature from the Middle Ages, including Beowulf, Piers Plowman, Sir Gawain and the Green Knight, mystery plays, Le Morte d'Arthur, and other works
Prerequisite: six semester hours of 2000-level English courses
- ENG 4403 English Renaissance Literature (3)
English prose and poetry of the 16th and 17th centuries with an emphasis on Sidney, Spenser, Donne, and Jonson
Prerequisite: six semester hours of 2000-level English courses
- ENG 4404 Milton (3)
Milton's poetry and major prose
Prerequisite: six semester hours of 2000-level English courses
- ENG 4405 History of the English Language (3)
Study of the development of English from the Anglo-Saxon period through the present, with reference to the Indo-European background of English.
Prerequisite: six semester hours of 2000-level English courses
- ENG 4406 Studies in British Literature Before 1660 (3)
Selections from Medieval and/or Renaissance British literatures, including classical, historical, and cultural background
Prerequisite: six semester hours of 2000-level English courses
- ENG 4410 Studies in Eighteenth-Century British Literature (3)
Selections from Restoration and 18th-century British literature and its historical and cultural background
Prerequisite: six semester hours of 2000-level English courses
- ENG 4413 Studies in Nineteenth-Century British Literature (3)
Study of Romantic and/or Victorian literatures.
Prerequisite: six semester hours of 2000 level English courses
- ENG 4414 British Novel Before 1900 (3)
Representative novels by British writers of the 18th and 19th centuries.

130 · COURSE DESCRIPTIONS

- ENG 4420 Selected Topics in Creative Writing (3)
Study of a topic of special interest and importance not covered in regularly offered courses in creative writing. Prerequisites: Six semester hours of 2200-level English courses; ENG 3351 or permission of instructor. Note: may be taken for credit no more than two times
- ENG 4421 English Novel (3)
Selected 18th, 19th, and 20th century novels written in English. Prerequisite: six 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 performance. Prerequisite: six 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 performance. Prerequisite: six 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: six semester hours of 2000-level English courses
- ENG 4426 Modern Poetry (3)
Study of 20th- and 21st-century poetry. Prerequisite: six 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: six 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: six 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

they have contributed to the contemporary multi-cultural American landscape. Prerequisites: Six semester hours of 2200-level ENG courses.

- ENG 4460 Victorian Poetry (3)
A study of Victorian poetry, with emphasis upon the works of Tennyson, Browning, Arnold, and Hardy. Prerequisite: six 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,

132 · COURSE DESCRIPTIONS

ESL 0061 Pronunciation II Intermediate
Remedial work for students with speech irregularities. Includes sound production and differentiation, syllable stress, word stress, intonation patterns, contractions, reductions, linking, assimilation, and fast speech phenomena.

134 · COURSE DESCRIPTIONS

ESL 1104 Reading VI Advanced

Helps the students be ready for academic reading. Vocabulary building through brainstorming, vocabulary lists, and close exercises that help learners guess the meaning from context and see regularity in the language. Introduces students to the lifestyles, attitudes, customs, and traditions of Americans. Reading Lab requirement: one hour per week.

ESL 1105 Grammar V High Intermediate

Review, expansion, and practice of all simple and progressive verb tenses and passive voice. Introduces modals expressing necessity and certainty, countable and uncountable nouns, quantifiers, and adjective clauses. Includes in-depth analysis of sentence structure: parts of speech, phrases, dependent and independent clauses, subordinating and coordinating conjunctions, sentence types, and sentence fragments. Independent CD-based exercises on topics covered

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marketplace activity within simulated environments
which approximate real time.
prerequisite: FIN
3332

FIN 4435 International Banking and Finance (3)
A comprehensive introduction and overview of
international finance with emphasis upon multina-
tional corporation management.
ETC -.00

136 · COURSE DESCRIPTIONS

<p>FRN 3311 French Culture on Location II (3-TBA) An in-depth presentation of French culture combining lectures, readings, film, audiotapes, discussions and intensive language practice on the Troy Campus with on-site visit to a Francophone environment. Prerequisite: Permission of instructor</p>	<p>GEM 3309 Land Parcel Administration and Law (3) The geomatics student is introduced to the basic principles of land tenure and the cadastre. The major component of the course is the study and application of survey statute and related case law. The concepts underlying the hierarchy of evidence, sequential versus simultaneous conveyances, adverse possession, riparian rights, land descriptions, and the U.S. Public Land Survey System are explored. Prerequisite: GEM 2220 or approval of the Geomatics Program Coordinator. Corequisite: GEM L309</p>
<p>FRN 4401 French Literature I (3) French literature from the Middle Ages through the Revolution of 1789. Prerequisite: FRN 3301 or 3302 or permission of instructor</p>	
<p>FRN 4402 French Literature II (3) French literature of the 19th and 20th centuries. Prerequisite: FRN 3301 or 3302 or permission of instructor</p>	<p>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. Corequisite: GEM 3309.</p>
<p>FRN 4491-92 Guided Independent Research (1 to 3 credit hours per course per semester) Additional information is indexed under Independent Study and Research.</p>	<p>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</p>
<p>FRN 4493-94 Guided Independent Study (1 to 3 credit hours per course per semester) Additional information is indexed under Independent Study and Research.</p>	

SURVEYING AND GEOMATICS SCIENCES COURSES (GEM)

	<p>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</p>
<p>GEM 1100 Computer-Aided Drafting (2) This course provides students with the knowledge and skills necessary to create maps and plats. Topics of study include basic drafting principles, drawing set-up and scale, drawing commands, and orthographic projections. Corequisite: GEM L110.</p>	<p>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 study of survey fundamentals. Prerequisite: GEM 2220,</p>
<p>GEM L110 Computer-Aided Drafting Lab (2) The lab provides the opportunity for students to use computer-aided drafting software to complete project drawings under the direct supervision of a CAD professional. Corequisite: GEM 1100</p>	
<p>GEM 2220 Basics of Surveying (3) This course provides each student an introduction to measurement theory, instrumentation, measurement systems, measurement computations, data accuracy and precision. The structure of the field of geomatics is explored. Major components of the course are survey statistics, traverse computations, coordinate systems and datums, elevations, and mapping. The use of computer-aided drawing software to produce maps and plats is required. Prerequisites: MTH 1125, PHY 2252, L252</p>	
<p>GEM L220 Basics of Surveying Lab (1) This field laboratory provides the opportunity to use instrumentation to make the necessary measurements to produce computed products. Focuses on the use of a field book to record measurements, the analysis of field measurements, and the use of survey instrumentation. Corequisite: GEM 2220</p>	

GEM L366 Photogrammetry and Remote Sensing Lab (1)
 Use of computer software to view and enhance photographs, to form stereomodels, to create digital elevation models, and produce orthophotos. The opportunity to use a softcopy photogrammetric workstation to generate map compilation products is provided to the student.
 Corequisite: GEM 3366.

GEM L367 Digital Images in GIS (1)
 This laboratory provides the Geomatics/GIS student the opportunity to gain experience with digital image processing to use the vast inventory of digital images available for GIS projects.
 Prerequisites: GEM 3366/L366

GEM 3370 Geodesy and Geodetics (3)
 The study of the underlying theory necessary to understand the use of the Global Positioning System (GPS). Focuses on mathematical models of the earth, the earth's gravity field, and the use of near-earth satellites to measure the earth's surface. Important concepts developed in this course include coordinate systems, datums, map projections, coordinate transformations, and GPS network design.
 Prerequisites: MTH 1126, GEM 3379/L379, PHY 2253/L253

GEM L370 Geodesy and Geodetics Lab (1)
 Practice performing geodetic computations using the ellipsoid of revolution as a reference surface. A major laboratory component is static GPS network design and the use of dual-frequency survey-grade GPS equipment to extend survey control to the project site.
 Corequisite: GEM 3370

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138 · COURSE DESCRIPTIONS

- GEM 4409 Hydrology (3)
Explores several models used to compute runoff estimates based on particular rainfall events. Course topics are the hydrologic cycle, rainfall intensity, runoff models, hydrographs, storm sewer design, culvert design, open channel flows, watershed delineation, water retention and retention structures, and onsite sewage disposal systems. Prerequisite: GEM 1100 or the equivalent, MTH 1115. Corequisite: GEM L409. Recommended completion of PHY 2253 or the equivalent
- GEM L409 Hydrology Lab (1)
Compute peak runoff estimates, and open channel designs. The hydrology components of Microstation and AutoCAD are explored with respect to solving and presenting peak runoff solutions. A design project involving the use of large-scale topographic maps will be assigned. Corequisite: GEM 4409
- GEM 4410 Introduction to Global Positions (GPS) (3)
Introduction to history and development of GPS and global navigation satellite systems (GNSS); GPS signals and observables; basic principles of GPS operations; GPS error analysis, GPS survey methods and procedures; and GPS data collection, processing; and GPS applications to geomatics. Prerequisite: GEM 3330/L330, 3370/L370. Corequisite: GEM L410
- GEM L410 Introduction to Global Positions Lab (1)
This laboratory course provides students practical exercises of GPS theories, instruments, field work, and data processing and analysis. Computational laboratory and field work will be combined throughout the course. Prerequisite: GEM 3330/L330, 3370/L370. Corequisite: GEM 4410
- GEM 4490 Geomatics Capstone (1)
This course ensures preparation for the national Fundamentals of Surveying exam and requires that students develop their own study habits and schedule their time to cover all aspects of th

GERMAN COURSES (GER)

HIS 3306	<p>African-American History (3)</p> <p>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</p>	HIS 3343	<p>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</p>
HIS 3309	<p>England to 1688 (3)</p> <p>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</p>	HIS 3344	<p>Age of Absolutism (3)</p> <p>Survey of political and religious controversies that shaped affairs in Europe during the 16th and 17th centuries, emphasizing the flowering of monarchy and aristocracy. Prerequisites: HIS 1101 and 1102 or permission of instructor</p>
HIS 3310	<p>England since 1688 (3)</p> <p>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</p>	HIS 3352	<p>Age of Reason (3)</p> <p>Survey of European history in the 18th century, emphasizing the cataclysmic developments in scientific, political, humanitarian, and economic thought that prepared the way for the rise of democracy in both the old and the new world. Prerequisites: HIS 1101 and 1102 or permission of instructor</p>
HIS 3315	<p>The Vietnam War (3)</p> <p>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. Note: may be used for political science credit</p>	HIS 3356	<p>History of Africa (3)</p> <p>A survey of 19th and 20th century political, social, and cultural history of the region, including the partition of Africa by European powers and decolonization. Prerequisites: HIS 1101 and 1102 or permission of instructor</p>
HIS 3316	<p>History of Alabama (3)</p> <p>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</p>	HIS 3360	<p>History of the Middle East (3)</p> <p>Background information on Islam, the Ottoman Empire, and Western influence sets the scene for a detailed study of political, economic, and social developments since World War I. Prerequisites: HIS 1101 and 1102 or permission of instructor</p>
HIS 3318	<p>History of American Women (3)</p> <p>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</p>	HIS 3362	<p>Introduction to Archives: Theory and Issues (3)</p> <p>This course will introduce students to the history and social value of records and archives, to the theory underlying professional archival practice, and to the application of archival theories in the digital world.</p>
HIS 3330	<p>Historical Archeology (3)</p> <p>An examination of the historical research methods and archaeological techniques used to investigate and interpret archaeological sites dating from the prehistoric period.</p>	HIS 3375	<p>Archival Methods and Practices (3)</p> <p>This course will introduce students to the practical tasks performed by archivists in securing and preserving records, processing, arranging, describing, and providing access to them.</p>
HIS 3341	<p>Medieval Europe (3)</p> <p>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</p>		<p>Research and Methodology (3)</p> <p>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. Note: Students must receive a grade of C or better for credit toward completion of degree requirements.</p>
HIS 3342	<p>Renaissance and Reformation (3)</p> <p>Historical review of the transitional centuries bridging the medieval and the modern eras, including the</p>		

142 · COURSE DESCRIPTIONS

<p>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</p>	<p>HIS 4414 Emergence of Modern America, 1877-1919 (3) Includes agricultural decline and crisis, industrialization and urbanization, Progressive reform era, World War I, and America as a world power. Prerequisites: HIS 1111 and 1112 or permission of instructor</p>
<p>HIS 4402 Europe from 1815-1900 (3) A study of Europe from the Congress of Vienna to 1900, including political, social, and economic developments in various countries, the rise of nationalism and unification movements, and imperialism. Prerequisites: HIS 1101 and 1102 or permission of instructor</p>	<p>HIS 4415 Contemporary America (3) Includes America in the Great Depression, World War II and the Cold War, Civil Rights Movement, Johnson's Great Society, and America as a superpower. Prerequisites: HIS 1111 and 1112 or permission of instructor</p>
<p>HIS 4403 Contemporary Europe (3) Traces European history in the 20th century, including domestic developments, World War I, Great Depression, rise of totalitarianism, World War II, European integration, the Cold War, and the post-Cold War era. Prerequisites: HIS 1101 and 1102 or permission of instructor</p>	<p>HIS 4420 History of American Minorities (3) Study of selected ethnic, racial, cultural, social, and religious minorities, their treatment within and their contributions to American society. Prerequisites: HIS 1111 and 1112 or permission of instructor</p>
<p>HIS 4405 Old South (3) An examination of the cultural, political, religious, and economic trends that shaped the colonial and antebellum South and the Civil War which ended that era. Prerequisites: HIS 1111 and 1112 or permission of instructor</p>	<p>HIS 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 1920. Prerequisites: HIS 1111 and 1112 or permission of instructor. Note: May be used for political science credit.</p>
<p>HIS 4406 New South (3) An examination of the political, social, racial and religious trends and policies that defined the New South. Topics include Reconstruction, redemption, agrarian unrest, Jim Crow, industrialization, Progressive Movement, World War I, the Great Depression, World War II, and the Civil Rights Movement. Prerequisites: HIS 1111 and 1112 or permission of instructor</p>	<p>HIS 4430 Civil Rights Movement (3) Study of the origins of the Civil Rights Movement in the late nineteenth a</p>
<p>HIS 4411 Colonial America (3) Study of the colonial period from European discovery to the end of the French and Indian War, with emphasis on the political, economic, and social developments that set the stage for the American Revolution. Prerequisites: HIS 1111 and 1112 or permission of instructor</p>	<p>6.6(4112 or p)6.7(e)-2v</p>
<p>HIS 4412 The American Revolution and the New Nation, 1763-1815 (3) Ideas and institutions which led to American independence, the creation of the American union, and the development of a distinctive American culture in the Early National Era. Prerequisites: HIS 1111 and 1112 or permission of instructor</p>	
<p>HIS 4413 Antebellum, Civil War and Reconstruction, 1815-1877 (3) Examines nationalism, Jacksonian democracy, territorial expansion, slavery and sectional strife, and the resulting Civil War and Reconstruction. Prerequisites: HIS 1111 and 1112 or permission of instructor</p>	

148 · COURSE DESCRIPTIONS

	practice in writing effective advertisements. Prerequisites: JRN 2201, 2220 or special permission from the director of the School of Journalism		weekly one-hour discussion and evaluation. Prerequisite: JRN 2203
JRN 3326	Advising Student Publications (3) Students successfully completing this class will have the ability to teach journalism, including how to produce magazine and newspaper layout; develop copy and/or storyboard for radio and television production; apply techniques of advertising, reporting and editing; and use current and emerging technology in the production of print and non-print journalism.	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 gathering, writing and performing for a daily television news broadcast. Prerequisite or corequisite: JRN 2203
JRN 3327	Sports Broadcasting (3) Advanced methods, techniques and performance styles for broadcast sports news and information. Prerequisite: JRN 2201	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 3330	Journalism Practicum (1 to 3 credit 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 4419	Advanced Public Relations Tactics (3) Practical experience in preparation of public relations messages for a client. Prerequisite: JRN 3321. Corequisite: JRN 4423
JRN 3350	Advertising Sales (3) Discussion of and practical experience in servicing accounts and selling advertisements. May require selling ads for the Metropolitan. Prerequisite: JRN 2220	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) Editing and producing the editorial page, with extensive practice in writing the opinion column and editorial. Prerequisite: JRN 2201
JRN 3365	TV Studio Techniques and Producing (3) 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 4423	Public Relations Campaigns (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. Corequisite: JRN 4419
JRN 4400	Special Topics in Journalism (1 to 3 credit hours) 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 4425	Media Law (3) The rights and restrictions of the press: the First Amendment, privilege, libel, slander, contempt, right of privacy, etc. Prerequisite: junior standing or above
JRN 4401	Community Media Management (3) Discussion of special problems and management techniques of print, broadcast, cable and public relations organizations.	JRN 4427	Sports Reporting (3) Advanced methods, techniques, and writing styles for reporting sports news and information. Prerequisite: JRN 2201
JRN 4403	Radio News Practicum (3-6) Supervised experience gathering, writing and performing radio news broadcasts. Prerequisite or Corequisite: JRN 2203	JRN 4430	Processes and Effects of Mass Communication (3) This course provides students with an understanding of the development of the most notable, historical, social scientific and empirically grounded theoretical perspectives with regard to mass communication. In addition, analysis and interpretation of these theories will be addressed.
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		

JRN 4440	Advanced Technologies in Journalism (3) An introduction to using advanced technologies and on-line reporting techniques in journalism and public relations.	KHP 1107	Swimming (1) Physical education activity course.
		KHP 1108	Tennis (1) Physical education activity course.
JRN 4489	Internship (5) Full-time work experience as a regular staff member in a communication related position (for example, a print publication, electronic media, advertising office, public relations firm, etc.) Students will work under the supervision of an on-the-job supervisor and report to a Troy University faculty adviser who will monitor the work experience. Students will also prepare written and oral reports. Prerequisites: Approval of the academic adviser and department chair, a minimum of 75 hours of course work, completion of a Permission to Register for an Internship Form, and successful completion of an internship workshop prior to registering for the internship	KHP 1109	Intermediate Swimming (1) Physical education activity course.
		KHP 1110	Paddle Tennis (1) Physical education activity course.
		KHP 1111	Archery (1) Physical education activity course.
		KHP 1112	Advanced Swimming (1) Physical education activity course.
JRN 4490	Internship/Field Experience (1 to 7 credit hours, only one credit hour may be applied to a major in journalism or broadcast journalism.) Full-time work experience as a regular staff member of a print publication, electronic media, public relations setting, advertising office, or sports information operation. Student will work under the supervision of an on-the-job supervisor and report to a Troy University faculty adviser who will monitor the work experience. Student will also be required to prepare written and oral reports during the internship/field experience. Prerequisites: Approval of the academic adviser and director of the School of Journalism. A minimum of 75 hours of course work. Corequisite: JRN 4489	KHP 1122	Water Aerobics (1) Physical education activity course.
		KHP 1123	Synchronized Swimming (1) Physical education activity course.
		KHP 1124	Beginning Yoga (1) Course will introduce students to yoga as a different type of exercise. Students will explore the opportunity for yoga to become a lifetime activity in order to promote health and wellness in their daily routines.
JRN 4491-92	Guided Independent Research (1 to 3 credit hours per course per semester) Additional information is indexed under Independent Study and Research.	KHP 1133	Square Dance (1) Physical education activity course.
		KHP 1134	Ballroom Dance (1) An introduction to social dancing with an emphasis on American ballroom dances (foxtrot, waltz, swing) and Latin ballroom dances (cha cha, mambo, tango). Equivalent to DAN 1134.
JRN 4493-94	Guided Independent Study (1 to 3 credit hours per course per semester) Additional information is indexed under Independent Study and Research.	KHP 1138	Clog Dance I (1) Physical education activity course.
JRN 4495	Communication Seminar (1) Study of issues related to ethics in communications, journalism, public relations, advertising and/or components of speech communication. Additionally, the students will design and execute a major field-related research project.	KHP 1139	Fitness for Life I (1) Physical education activity course.
		KHP 1141	Jogging (1) Physical education activity course.
KINESIOLOGY AND HEALTH PROMOTION COURSES (KHP)		KHP 1142	Weight Training (1) Physical education activity course.
KHP 1101	Badminton (1) Physical education activity course.	KHP 1144	Step Aerobics (1) Physical education activity course.
KHP 1104	Golf (1) Physical education activity course.	KHP 1146	Physical Defense for Women (1) Physical education activity course.

150 · COURSE DESCRIPTIONS

- KHP 2200 Health Concepts (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)
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 certification in American Red Cross Community

KHP 2282 Theory and Techniques of Coaching Basketball (2)
Offensive and defensive techniques, purchase and care of equipment, budgeting, squad organization, rules, scouting and team conditioning.

KHP 3330 Physical Skills Proficiency (2)
This course covers rules, regulations, terms, origin, development, safety, equipment and performance of skills of specified sport activities including archery, badminton, gymnastics, soccer and volleyball which are related to KHP 4485/4486.

KHP 3331 Physical Skills Proficiency II (2)
This course covers rules, regulations, terms, origin, development, safety, equipment, and performance of skills of specified sport activities including basketball, golf, swimming, track and field, and tennis which are related to KHP 4485/4486.

KHP 3340 Principles of Recreation (3)
Overview of recreation on federal, state and local levels with respect to history, program, population, facilities and trends.

KHP 3350 Psychology of Wellness and Performance (3)
Theory and practical application of psychological factors that impact wellness and performance of individuals and groups.

KHP 3352 Kinesiology and Efficiency of Human Movement (3)
General anatomy, joint and muscle function, and analysis of body movement
Prerequisites: KHP 3360 or BIO 3347/L347 and BIO 3348/L348

KHP 3355 Introduction to Sport and Fitness Management (3)
This 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
Prerequisite: sophomore standing

KHP 3360 Physiological Principles of Body Systems (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/L100 and CHM 1142/L142; or SCI 2233/L233; or PHY 2252/L252

KHP 3361 Integrating HPER into the Curriculum (3)
Methods and materials for teaching physical education

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152 · COURSE DESCRIPTIONS

niques, and processes that are used in the specialized application of sport and fitness marketing and to encourage students to consider how traditional marketing strategies may be applied to this substantial and growing industry. Prerequisite: KHP 3355 or permission of instructor

KHP 4435 Current Issues in Sport and Fitness Management (3)

This course is designed to serve as a mechanism for the introduction of new information and technology issues for the sport industry. This course will emphasize substantive

154 · COURSE DESCRIPTIONS

prerequisites: course must be taken semester prior to internship (KHP 4490) or permission of instructor

KOREAN COURSES (KOR)

KOR 1101 Introductory Korean I (3)
Introduction to the Korean Language.

KOR 1102 Korean I (3)

Introduction to Korean Language (KHP 4490)

of effective leadership. Students will be expected to complete a significant number of selected readings and engage in detailed discussion as part of this class. May be repeated once for credit

156 · COURSE DESCRIPTIONS

- Prerequisites: BIO 1101/L101, 2229/L229, CHM 1143/L143, BIO 4432/L432 or MB 4403
- Human Resource Management (3)
A survey of the major activities of human resource management function including recruiting, selection, placement, training, compensation, employee representation, and current issues. A prerequisite for 4000-level HRM courses.
- MB 4434 Marine Geology (4)
A study of the geology of the ocean basins, with special emphasis on the continental shelves, their sediments, and the sedimentary processes at work there. Prerequisites: BIO 1101/L101, 2229/L229, CHM 1143/L143, introductory geology and MTH 4423
- MB 4435 Coastal Geomorphology (2)
An introduction to coastal sediment processes and applied geomorphology with emphasis on waves, tides, and sediments. Prerequisites: BIO 1101/L101, 2229/L229, CHM 1143/L143
- MB 4437 Coastal Climatology (2)
Study of the controlling factors and features of the world's climates, with particular attention to coastal areas and application and interpretation of climate data. Prerequisites: BIO 1101/L101, 2229/L229, CHM 1143/L143
- MB 4460 Introduction to Neurobiology (4)
The study of the structure, development, physiology, and pharmacology of the nervous systems and sense organs. Prerequisites: BIO 4478/L478, PHY 2253/L253

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 concepts, quantitative methods of operations, including forecasting models, inventory models, statistical process control, process models and project management methods. The course also provides a review of current supply chain philosophies such as JIT, MRP, and EOQ inventory management methods. Prerequisites: MGT 3371, QM 3341
- MGT 3374 Hotel Management (3)
This course prepares students to manage basic hotel operations including hotel organization, rooms, housekeeping, engineering and security, food and beverage, marketing, and financial control. Prerequisite: MGT 3372

158 · COURSE DESCRIPTIONS

MGT 4493-94 Guided Independent Study (1 to 3 credit hours per course per semester)
Additional information is indexed under Independent Study and Research. Note: This course may not be substituted for any required course

MGT 4496 Selected Topics in HR (3)
An in-depth study of a broad range of human resource management topics. Individual investigations and reporting are emphasized in seminar fashion. Focus on a topic of a timely nature and/or special interest. Prerequisite: MGT 3371

MARKETING COURSES (MKT)

MKT 3361 Principles of Marketing (3)

MKT 4491-92 Guided Independent Research (1 to 3 credit hours per course per semester)
Additional information is indexed under Independent Study and Research.

160 · COURSE DESCRIPTIONS

ples of subordinate motivation and organizational change. Students will apply leadership and problem solving principles to a case study and or simulation. Corequisite: MS 4404a

- MSL 4402 Officership (3)
This course is designed to explore topics relevant to Second Lieutenants entering the U.S. Army and focuses on the legal aspects of decision making leadership, analyzing Army organization from the tactical to the strategic level, assessing administrative and logistical functions, performance of platoon leader actions, and examination of leader responsibilities that foster an ethical command climate. Corequisite: MS 4404b
- MSL 4404 Leadership Lab (1)
Leadership lab is required for all Army ROTC students. The student will receive training in troop-leading procedures, mission planning, squad tactics, land navigation, individual movement techniques, water survival and rappelling.
- MSL 4405 Leadership Lab (1)
Leadership lab is required for all Army ROTC students. The student will receive training in troop-leading procedures, mission planning, squad tactics, land navigation, individual movement techniques, water survival and rappelling.

MEDICAL TECHNOLOGY COURSES (MT)

(Offered in hospital internship only)

- MT 4400 Clinical Urinalysis (1)
The imparting of skills for performing and interpreting routine urinalyses as well as special urinalysis procedures.
- MT 4401 Clinical Urinalysis Lab (1)
This lab section includes specimen handling, procedure manual, audio-visual, quality control, record keeping, and reporting system.
- MT 4402 Clinical Microbiology (4)
This lecture course covers areas of bacteriology, mycology, and virology.
- MT 4403 Clinical Microbiology Lab (2)
This lab teaches identific

- MTH 1105 Intermediate Algebra (3)
 Topics include real and complex numbers; polynomials and factoring; rational exponents; roots and radicals; linear equations and inequalities; quadratic equations; and graphing.
 Prerequisite: placement or a grade of C or better in MTH 1100. Note: This course is for institutional credit only and will not be used in meeting degree requirements. This course will not substitute for any general studies requirement.
- MTH 1110 Finite Mathematics (3)
 Topics include a survey of logic, sets, counting, permutations, combinations, basic probability, an introduction to statistics, and matrices and their applications to Markov chains and decision theory.
 Prerequisite: appropriate score on mathematics placement test, advanced placement, or a grade of C or better in MTH 1105. Note: Credit will not count toward a major or minor in mathematics.
- MTH 1112 Pre-Calculus Algebra (3)
 Topics include the algebra of functions, including polynomial, rational, exponential, and logarithmic functions. The course also contains systems of equations and inequalities, linear and quadratic equations and inequalities, graphs of polynomials, and the binomial theorem.
 Prerequisite: appropriate score on mathematics placement test, advanced placement, or a grade of C or better in MTH 1105. Note: Credit will not count toward a major or minor in mathematics.
- MTH 1114 Pre-Calculus Trigonometry (3)
 This course covers trigonometric functions including definitions, identities, and trigonometric equations, applications as well as properties and graphs of trigonometric functions and their inverses. Also included are the law of sines, the law of cosines, and the area of a triangle.
 Prerequisite: appropriate score on mathematics placement test, advanced placement, or a grade of C or better in MTH 1105. Note: Credit will not count toward a major or minor in mathematics.

- MTH 4460 Topology (3)
An introduction to metric and topological spaces and associated topics, separation axioms, compactness, and connectedness. Prerequisites: MTH 2227, 3318
- MTH 4474 Internship in Mathematics 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
- MTH 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 mathematics materials for grades 6-12 will be covered in detail. A professional laboratory experience is included in this course. Prerequisite: admission to TEP
- MTH 4490 Senior Seminar (1 to 3 credit hours)
Individualized study of a topic in mathematics cul-

164 · COURSE DESCRIPTIONS

	microphone techniques, utilize digital editing and plug-ins, and prepare a recording project portfolio. Prerequisite: MUI 3310	MUS 1107	Aural Skills I (1-2) Beginning sight singing and rhythmic reading. Melodic, harmonic and rhythmic dictation, including intervals, chord qualities and simple/compound meters. Beginning improvisation techniques.
MUI 4460	Senior Practicum (3) Culminating project and presentation in student's area of emphasis integrating internship, career placement and portfolio development. Prerequisite: approval of adviser/ coordinator	MUS 1108	Aural Skills II (1-2) Intermediate level sight singing and rhythmic reading. Combined melodic and harmonic dictation, with inversions and mixed meter rhythms. Continuation of improvisation techniques. Prerequisite: MUS 1107
MUI 4480	Seminar in Music Industry (1) Study of a special topic in the music profession. Contact school of music office for specific information about content schedule and costs in any given term.	MUS 1110-4428	Private Instruction (1 credit hour per semester, 1 lesson per week)
MUI 4499	Music Industry Internship (9) Placement in real-world work environment in the music industry. Supervised by a music industry faculty member. Prerequisite: MUS 4460		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

MUSIC COURSES (MUS)

Note: A passing score on the theory placement test prior to registration is required of all students taking music theory coursework (except for MUS 1100 - Basic Music Skills). Contact the School of Music for more information.

MUS 1100	Basic Music Skills (2-3) Focuses on the elements of music with emphasis on basic skills of music reading, orientation to the keyboard, sight-singing and dictation. Note: This course cannot be used in meeting degree requirements other than general electives. May not be taken concurrently with any other music theory course		
MUS 1102	Music Theory I (3) Study of fundamental characteristics of tonal music. Prerequisite: Grade of C in MUS 1100 or acceptable score on placement test. Students must take placement test before enrolling in this sequence. Corequisites for music majors: MUS 1105, 1107		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 job. 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 1103	Music Theory II (3) Study of modulation, secondary dominants, seventh chord resolution, two- and three-part forms, and intermediate-level analysis. Prerequisite: MUS 1102. Corequisites for music majors: MUS 1106, 1108	MUS 1131	Music Appreciation (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 1105	Class Piano I (1-2) Introduction to basic keyboard musicianship and music reading skills. Focuses on beginning improvisation techniques, harmonization and beginning chorale playing.	MUS 1132	Honors Music Appreciation (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 1106	Class Piano II (1-2) Development of intermediate-level keyboard skills including improvisational techniques, chorale playing, sight reading and transposition. Prerequisite: MUS 1105	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 masterworksNote: 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 popPrerequisite: audition required
- MUS 2202 Music Theory III (3)

166 · COURSE DESCRIPTIONS

MUS 3353	Class Percussion (1-2) Group instruction in playing and teaching the principal pitched and non-pitched percussion instruments.	MUS 4400-01-02 Selected Topics (1 to 3 credit hours per course)	Detailed investigation of a specialized topic not covered in regularly offered courses, or an advanced section for intensive study.
MUS 3354	Class Strings (1-2) Group instruction in techniques of playing and teaching stringed instruments.	MUS 4403	Classroom Management for the Music Educator (3-4) The purpose of this course is to establish a founda-
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) 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 3380	Travel Study in Music (3) Supervised study of music through travel abroad or within the interior of the United States May be repeated for credit Prerequisite: permission of instructor		
MUS 3382	Choral Techniques (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) Organizational and instrumental strategies for teaching music through performance in band. Includes a field experience component Prerequisite: MUS 1103 and junior standing		
MUS 3385	Symphony Band (1-3) Selective concert organization for performance of advanced literature for band and wind ensemble. Prerequisite: audition with director		
MUS 3386	Jazz Ensembles (1-3) Selective ensemble for performance in a wide variety of jazz styles Prerequisite: audition with director		

168 · COURSE DESCRIPTIONS

<p>NSG 1151 Hospital Measurements (1) A practical approach to using mathematical computations in health-related situations. Focuses on mathematics computations as applied in selected health care settings. Mastery of the use of different systems of measurement will be a priority. Includes an exam on computation dosages and solutions, requiring completion with 85% accuracy. Prerequisites: admission to the ASN Program, ENG 1101, MTH 1112, PSY 2200, BIO 3347/L347</p>	<p>NSG 2271 Psychosocial Nursing Concepts (2) Focuses on the role of the registered nurse in promoting the adaptation of individuals and families experiencing biopsychosocial stressors. Prerequisites: NSG 1131, 1135, 1151, 2213, BIO 3348/L348, PSY 2210, TROY 1101. Corequisites: NSG 2272</p>
<p>NSG 2202 Pharmacology (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, 1141, BIO 3372/L372</p>	<p>NSG 2272 Psychosocial Nursing Practicum (2-4) Focuses on the role of the registered nurse in the application of the nursing process in the care of individuals and families experiencing biopsychosocial stressors. Prerequisites: NSG 1131, 1135, 1151, 2213, BIO 3348/L348, PSY 2210, TROY 1101. Corequisites: NSG 2271</p>
<p>NSG 2213 Nutrition (2) Introduces the concept of nutrition and its importance to health throughout the life span. Focuses on the study of the nutrients, nutritional assessment, nutrient-drug interactions, and food safety. Considers dietary patterns of various cultural, ethnic and religious groups.</p>	<p>NSG 2280 Advanced Nursing Concepts (4) Provides advanced knowledge for care of individuals and families in adult developmental stages. Focuses on the role of the nurse in assisting the client to adapt to complex, multi-system stressors within the environment. Prerequisites: NSG 2202, 2255, 2256, 2265, 2266, 2282, 2283. Corequisite: NSG 2281</p>
<p>NSG 2255 Maternal-Infant Nursing (2) Focuses on the use of the nursing process in assisting the family during childbearing experiences. Explores adaptive strategies for individuals experiencing alteration in health states. Prerequisites: NSG 1140, 1141, 2271, 2272. BIO 3372/L372. Corequisite: NSG 2256</p>	<p>NSG 2281 Advanced Nursing Practicum (6-12) Provides opportunity to implement the nursing process to assist adult individuals and families with complex multi-system stressors. Emphasizes prevention and intervention in complex and life-threatening situations. Facilitates transition into the professional nursing role by examining legal, ethical, political, economic, and socio-cultural issues in nursing. Provides opportunity to refine nursing skills and develop more in-depth knowledge in a selected clinical area under the guidance of an approved professional nurse. Prerequisites: NSG 2202, 2255, 2256, 2265, 2266, 2282, 2283. Corequisite: NSG 2280</p>
<p>NSG 2256 Maternal-Infant Nursing Practicum (2-4) Focuses on the role of the registered nurse in the application of the nursing process to assist individuals and families to use adaptive strategies during childbearing. Utilizes antepartal, intrapartal, postpartal, neonatal, and community settings. Includes a basic IV therapy component. Prerequisites: NSG 1140, 1141, 2271, 2272, BIO 3372/L372. Corequisite: NSG 2255</p>	<p>NSG 2282 Gerontological Nursing Concepts (2) Focuses on the adaptive responses of older adults with multi-system stressors within the human environment interactive system. Emphasizes the interrelatedness of internal and external dimensions. Discusses the use of the nursing process to maintain or improve quality of life for older adults. Prerequisites: NSG 1140, 1141, 2271, 2272, BIO 3372/L372. Corequisite: NSG 2283</p>
<p>NSG 2265 Nursing of Children (2) Focuses on the use of the nursing process in assisting the family during childrearing experiences. Explores adaptive strategies for individuals experiencing alteration in growth and development and health states. Prerequisites: NSG 1140, 1141, 2271, 2272. BIO 3372/L372. Corequisite: NSG 2266</p>	<p>NSG 2283 Gerontological Nursing Practicum (2-4) Focuses on the role of the registered nurse in the application of the nursing process to assist older adults with multi-system stressors in a variety of settings. Prerequisites: NSG 1140, 1141, 2271, 2272, BIO 3372/L372. Corequisite: NSG 2282</p>
<p>NSG 2266 Nursing of Children Practicum (2-4) Focuses on the role of the registered nurse in the application of the nursing process to assist children and their families to use adaptive strategies during childrearing. Applies concepts of growth and development in the care of children with altered health states including multiple disabilities. Prerequisites: NSG 1140, 1141, 2271, 2272, BIO 3372/L372. Corequisite: NSG 2265</p>	<p>(BSN Program)</p>
<p>NSG 1101 Health Concepts (1) Provides opportunity for exploration of individual health values, beliefs, and behaviors. Examines impact of exercise, nutrition, and stress on health. Explores beliefs of time management, relaxation, and play in promoting and maintaining health. Open to all majors.</p>	

- NSG 1105 Medical Terminology (1)
Develops the use of Latin and Greek prefixes, root words, and suffixes to understand medical terminology. Open to all majors.
- NSG 1150 First Responder (1-2)
Provides the learner with cognitive and psychomotor skills to act in emergency situations. Topics include CPR, patient head-to-toe evaluation, bleeding and shock, internal and external body injuries, splinting, poisons, bites, burns, and drownings. May audit for recertification. Open to all majors.
- NSG 1160 Introduction to Technology in Nursing Education (1)
Provides a foundation for using computer technology in nursing education. Addresses digital communication, resources, and research used in learning. Includes communication through electronic mail and course discussions using the World Wide Web as an information tool, online scholarly research, and digital presentations. Open to all majors.
- NSG 2204 Nutrition (2)
A study of macro and micronutrients, their metabolism in the body, and their influence on health states of individuals from diverse cultural, ethnic and religious groups of all ages. Examines nutritional research and health policy. Compares nutritional adequacy to evidence-based national standards. Open to all majors.
- NSG 2205 Human Growth and Development (3)
Examines developmental theories and internal and external dimensions of growth and development. Emphasizes tasks, stressors, common health alterations, and anticipatory guidance specific to developmental stages throughout the life span. Open to all majors.
- NSG 2211 Human Nutrition (3)
Explores the relationship between nutrition and health. Emphasizes the roles of nutrients, their utilization in the human system and their contributions to the health of individuals of all ages. Includes dietary patterns of various cultural, ethnic and religious groups, nutritional assessments, and food safety. Open to all majors.
- NSG 2220 Health Science Informatics (3)
Provides a foundation for the study of information and its utilization through computer technology; encompasses access, dissemination, and management of health science information and Internet communication. General topics include communication through electronic mail, using the World Wide Web as an information tool, online scholarly research, and digital presentations and publishing. Course focus is the application of technology skills in health science fields. Open to all majors. Prerequisite: sophomore standing
- NSG 2240 Spanish for Healthcare Providers (2)
Elementary-level instruction in Spanish language

170 · COURSE DESCRIPTIONS

NSG 3306 Perspectives of Professional Nursing (2)
Explores the roles of the baccalaureate degree nurse. Presents the principles, standards, and values implicit in the profession of nursing. Introduces the theories used in the definition of concepts of humanity, environment, health, and nursing. Introduces the development of key elements used in professional nursing practice: caring, evidence-based clinical decisions, communication, collaboration, cultural humility, ethical competence, research, and information technology. Explores the influence of internal and external dimensions on

172 · COURSE DESCRIPTIONS

4413/4414, 4419 or admission to the RN-BSN/MSN
Clinical nursing sequence. Corequisite: NSG 4406

NSG 4406 Public Health Nursing Practicum (2-4)
Provides clinical learning opportunities for students to engage in public health nursing practice. Explores use of advocacy and application of environmental, global, cultural, political, and financial dimensions of public health nursing practice in health promotion and clinical prevention for individuals, families, communities and populations. Emphasizes clinical reasoning in the application of the nursing process for promotion of optimal public health. Prerequisites: NSG 4403/4404, 4413/4414, 4419 or admission to the RN-BSN/MSN clinical nursing sequence. Corequisite: NSG 4405

NSG 4407 Clinical Nutrition (1)
A study of clinical nutrition therapy for support of adaptive i

PERSIAN COURSES (PER)

- PER 1101 Introductory Persian (Farsi) I (3)
Introduction to the Modern Persian language.
- PER 1102 Introductory Persian (Farsi) II (3)
Introduction to the Modern Persian language.
Prerequisite: PER 1101 or permission of instructor
- PER 2201 Intermediate Persian (Farsi) I (3)
Progressive development of basic language skills in
Modern Persian. Prerequisite: PER 1102 or per-
mission of instructor
- PER 2202 Intermediate Persian (Farsi) II (3)
Progressive development of basic language skills in
Modern Persian. Prerequisite: PER 2201 or per-
mission of instructor

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 relationships 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,

176 · COURSE DESCRIPTIONS

- POL 4467 Asian Politics (3)
An introduction to the social and political institutions of Contemporary Asia.
- 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 terrorism. It employs an interdisciplinary, case-study approach.
- POL 4476 Politics of Southeast Asia (3)
This course involves the study of politics in the Philippines, Indonesia, Vietnam, Laos, Kampuchea, Malaysia, Singapore, Brunei, Myanmar, and Thailand. It investigates the historical and cultural factors contributing to the political relationships within the region and internationally
- POL 4490 Internship in Political Science (1 to 3 credit hours)
Supervised work in an agency that can provide practical experience in the field of study. Prerequisites: senior standing and approval of supervising instructor and the department chair
- POL 4491-92 Guided Independent Research (1 to 3 credit hours each)
Note: Additional information is indexed under Independent Study and Research.
- POL 4493-94 Guided Independent Study (1 to 3 credit hours each)
Note: Additional information is indexed under Independent Study and Research.
- POL 4495 Selected Topics in Political Science (3)
Examines selected topics of a timely nature and/or special interest within the field of political science.

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

178 · COURSE DESCRIPTIONS

- PSY 4405 Experimental Psychology (3)
Various techniques for conducting scientific research in psychology will be discussed. Course objectives include designing and conducting an experiment as well as analyzing and reporting the results. Prerequisite: PSY 3301, additional three semester hours of psychology
- PSY 4410 Business and Industrial Psychology (3)
Application of psychology in business and industry, including employee selection, performance appraisal, motivation, organizational psychology, consumer motivation, group structures, and personnel problems.
- PSY 4420 Physiological Dynamics of Alcohol and Other Drugs (3)
Study of physiological and psychological dynamics and resultant behavioral implications in use of alcohol and other drugs. Based on assessment of dynamics and behavior and application of diagnostic procedures using appropriate manuals and materi-

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 has been earned. Also see index for "Independent Study and Research."

PSY 4492 Guided Independent Research (1 to 3 credit hours)

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 has been earned. Also see index for "Independent Study and Research."

PSY 4493-94 Guided Independent Study (1 to 3 credit hours)

Supervised study through field or laboratory projects, guided readings, creative endeavors or achievement of specific skills. Prerequisite: Junior or senior status, permission of guiding professor, approval of department chair and the 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. 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."

QUANTITATIVE METHODS COURSES (QM)

QM 2241 Business Statistics I (3)

An introduction to descriptive and inferential statistical concepts and methods. Topics include grouping of data, measures of central tendency and dispersion, probability concepts and distributions, sampling, statistical estimation, and statistical hypothesis testing. Prerequisite: MTH 1112

QM 3341 Business Statistics II (3)

A continuation of basic business statistics. Topics include comparison involving means and proportions, ANOVA, simple linear regression and correlation, multiple linear regression, chi-squared applications, nonparametric methods, and simple decision analysis. Prerequisite: QM 2241

QM 3342 Introduction to Operations Research (3)

An introduction to quantitative techniques applicable to business and economics. Topics include queuing analysis, transportation programming, PERT/CPM, and simple linear regression. Prerequisite: QM 2241

180 · COURSE DESCRIPTIONS

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."

and the process of incrementalism in implementation is examined. Prerequisites: HS 2230 or permission of instructor

RED 4493-94 Guided Independent Study (1 to 3 credit hours)
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 chair and the 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. 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."

RHB 3345

Foundations of Rehabilitation (3)
Review of historical, philosophical, and legislative development of the rehabilitation movement; focuses on current service delivery systems and trends. Prerequisite: HS 2230

RHB 3350

Individual Differences and the World of Work (3)
An orientation into the world of work along with the meaning and importance of work to the individual, family and community. Includes job search techniques, methods of doing job surveys and ways of classifying information. Prerequisite: HS 2230 or permission of instructor

RHB 3360

Vocational Assessment (3)
Processes, principles, and techniques used to diagnose vocational assets and liabilities of the individual. Emphasis upon the use of psychometric tests, work samples, and job samples. Prerequisite: HS 2230 or permission of instructor

RELIGION COURSE (REL)

REL 2280 World Religions (3)
Historical development and basic beliefs of the world's major religions.

REHABILITATION COURSES (RHB)

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 2280 Rehabilitation Research I (3)
Introduction to statistical analysis concepts and principles necessary for understanding research reports and for the interpretation of data. Use of microcomputer statistical programs in the analysis of univariate, bivariate and multivariate data including parametric and non-parametric analysis techniques. Topics include descriptive techniques, averages and measures of variation, tests of statistical significance, correlation and regression, and analysis of variance. Prerequisite: MTH 1110 or 1112 and IS 2241

RHB 3380

Medical and Vocational Aspects of Physical Disability (3)
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RHB 2281 Rehabilitation Research II (3)
Introduction to research methodology and process with emphasis placed on the evaluation of practice. Understanding and using the journal research article as a tool for selecting appropriate intervention. Skills are built in using electronic data bases and information retrieval systems and integrated with writing skills necessary to critically evaluate the usefulness of research studies in practice application. Prerequisite: RHB 2280

RHB 3320 Human Behavior In the Social Environment II (3)
An examination of the social dynamics of discrimination and oppression and particularly, how discriminatory and oppressive environments have potential for negatively affecting biopsychosocial growth and development.

RHB 3340 Social Policy and Planning (3)
Exploration of the social policy formulation process and the building of analysis skills in the evaluation of social policy and programs. The impact of political, economic, and social forces is a focal point,

182 · COURSE DESCRIPTIONS

	ogy, staffing, training, sales, handling claims, and other administrative functions. Prerequisite: RMI 3335 or permission of department chair	SCI 3335	Physical Geology (3) Constructive and destructive processes which alter the earth. Corequisite: SCI L335
RMI 4491-92	Guided Independent Research (1 to 3 credit hours per course per semester) Additional information is indexed under Independent Study and Research. Note: This course may not be substituted for any required course	SCI L335	Physical Geology Lab (1-2) Laboratory studies of constructive and destructive processes which alter the earth. Prerequisite: SCI 3335
RMI 4493-94	Guided Independent Study (1 to 3 credit hours per course per semester) Additional information is indexed under Independent Study and Research. Note: This course may not be substituted for any required course	SCI 3336	Principles of Astronomy (3) Basic facts and theories related to astronomical phenomena. Corequisite: SCI L336
		SCI L336	Observational Astronomy Lab (1) Star and constellation identification and observa-
RMI 4499	London Internship (3) The London internship provide students with first-hand exposure to the center of the excess and surplus lines market, Lloyds. See the RMI department for specific requirements.		

RUSSIAN COURSES (RUS)

RUS 1101	Introductory Russian I (3) Introduction to the Russian language.
RUS 1102	Introductory Russian II (3) Introduction to the Russian language. Prerequisite: RUS 1101 or permission of instructor
RUS 2201	Intermediate Russian I (3) Progressive development of basic language skills in Russian. Prerequisite: RUS 1102 or permission of instructor
RUS 2202	Intermediate Russian II (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. Corequisite: SCI L233. Note: Credit does not count toward a major in any science curriculum.
SCI L233	Physical Science Lab (1) Laboratory experiments in basic chemistry and physics. Corequisite: SCI 2233
SCI 2234	Earth and Space Science (3) Basic astronomy and geology for non-science majors. Corequisite: SCI L234. Note: Credit does not count toward any major in the sciences.
SCI L234	Earth and Space Science Lab (1) Laboratory experiments in basic astronomy and geology. Corequisite: SCI 2234

sional laboratory experience is included in this course. Prerequisite: admission to TEP

SCI 4491-92 Guided Independent Research (1 to 4 credit hours per course per semester)

184 · COURSE DESCRIPTIONS

SOC 3302 Small Groups (3)

An analysis of theory and research relating to the structure, functions, and processes of small groups. The course will explore group formation, structure, cohesion, conformity, power, leadership, and communication. Prerequisite: SOC 2275

SOC 3310 Minorities in U.S. Social Structure (3)

An analysis of the role of racial and cultural minorities in American society. Examines contribu-

SOC 4409 Political Sociology (3)
An overview of politics and political systems from earliest times to the present with some emphasis on democratic systems in the U.S. and other modern countries. Prerequisite: SOC 2275

186 · COURSE DESCRIPTIONS

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

188 · COURSE DESCRIPTIONS

- SPN 3350 Spanish Culture on Location I (3-TBA)
Local orientation followed by study in a Spanish-speaking environment. Prerequisite: Permission of instructor
- SPN 3351 Spanish Culture on Location II (3-TBA)
Local orientation followed by study in a Spanish-speaking environment. Prerequisite: Permission of instructor
- SPN 3370 Selected Topics in Spanish (3)
Selected topics generally not covered in other Spanish courses. May be repeated for credit. Prerequisite: SPN 2242 or permission of instructor
- SPN 4448 Spanish Literature I (3)
Selected authors, periods, or genres in the literature of Spain. Prerequisite: SPN 2242 or permission of instructor
- SPN 4449 Spanish Literature II (3)
Selected authors, periods, or genres in the literature of Spanish-America. Prerequisite: SPN 2242 or permission of instructor
- SPN 4451 Spanish Culture and Civilization I (3)
Geography, history, cultural achievements, institutions, and daily life of Spain. Prerequisite: SPN 2242 or permission of instructor
- SPN 4452 Spanish Culture and Civilization II (3)
Geography, history, cultural achievements, institutions, and daily life of Spanish-American cultures. Prerequisite: SPN 2242 or permission of instructor
- SPN 4491-92 Guided Independent Research (1 to 3 credit hours per course per semester)
Additional information is indexed under Independent Study and Research.
- SPN 4493-94 Guided Independent Study (1 to 3 credit hours per course per semester)
Additional information is indexed under Independent Study and Research.

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

variance Prerequisite: MTH 1110 or 1112 and IS
2241

190 · COURSE DESCRIPTIONS

interpersonal outcomes of higher education. Through the course, students will engage in a service learning project while studying and reflecting on readings and activities to promote critical thinking skills, civic engagement and student success. Prerequisite and/or corequisite: TROY 1101, Membership in First Year

192 · BOARD OF TRUSTEES, ADMINISTRATION AND FACULTY

Regional Director, DevelopmentKathy Ninas, M.Ed.
Regional Director, Development..... Melody Denson, B.A.
Director, Planned Giving.....Heather Price, M.B.A.
Senior Director, Institutional Development.....Vacant

IV. Student Services and Administration

Dean, Student Services (Doha).....Robert G. Willis, M.S.
Dean, Student Services (Montgomery)Charles Western, Ph.D.
Dean, Student Services (Phoenix)Jack Miller, M.B.A.
Dean, Student Services (Troy)Herbert E. Reeves, M.S.
Campus Registrar and Dean Student Services, Global Campus
..... Robert Allen, M.A.T.
Chief Officer, Technology and SecurityGreg Price, M.L.A.
Director, Student Involvement and Leadership
..... Barbara E. Patterson, M.S.Ed.
Director, Student Services (eCampus).....Patti Cram, M.S.
Chief of University PoliceVacant

See the General Information section of this catalog for information regarding endowed chairs and professorships.

UNIVERSITY FULL-TIME FACULTY

Complete faculty information is available from the Office of the Executive Vice Chancellor and Provost.

- Bennett, Sheila M., 1993Assistant ProfessorDothan. B.A., Auburn University, 1974. M.A., University of Alabama at Birmingham, 1979.
- Benson, Amanda K., 2003Associate ProfessorTroy. B.S., University at Buffalo, 2000. M.S., Eastern Kentucky University, 2001. Ph.D., University of Southern Mississippi, 2003.
- Benton, William Brian, 2007.Assistant ProfessorMontgomery. B.A., Auburn University, 1995. B.M.E., Auburn University, 1997. J.D., Cumberland School of Law, Samford University, 1999.
- Bibbins, Wilfred Jerome, 1990.Professor Troy. B.S., Auburn University at Montgomery, 1974. M.A., Southern Illinois University Edwardsville, 1975. Ph.D., University of Arkansas, 1981.
- Bierschenk, Elisa, 2010Assistant ProfessorTroy. B.F.A., Texas Tech University, 2006. M.F.A., Ohio State University, 2010.
- Billington, Neil, 2000.Professor Troy. B.S., Loughborough University, 1978. Ph.D., Loughborough University, 1985.
- Blackstock, Timothy A., 2008Assistant ProfessorTroy. B.A., Newberry College, 2002. M.A., Tennessee Technological University, 2005. D.M.A., University of Kansas, 2008.
- Blackwell, Rodney Dean, 2005Assistant ProfessorGlobal Campus. B.B.A., University of Houston-Clear Lake, 1979. M.S., University of Houston-Clear Lake, 1987. Ph.D., University of North Texas, 1997.
- Blake, Arthur, 2010.Lecturer, Global Campus. B.S., Georgia Southern University, 1968. M.P.A., Georgia State University, 1975. Ph.D., Georgia State University, 1996.
- Blocher, Larry, 2005.Professor Troy. B.M.E., Morehead State University, 1975. M.M., Morehead State University, 1977. Ph.D., Florida State University, 1986.
- Blum, Elizabeth Dian, 2000Associate ProfessorTroy. B.A., University of Texas at Austin, 1991. M.A., University of Houston, 1997. Ph.D., University of Huston, 2000.
- Bohler, Jeffery A., 2010Lecturer, Montgomery. B.S., Georgia Institute of Technology, 1985. M.S., Air University, 2000. Ph.D., Auburn University, 2009.
- Boncek, John James, 2003Associate ProfessorMontgomery. B.A., University at Buffalo, 1978. J.D., Temple University, 1981. M.S., Louisiana State University, 1990. Ph.D., University of Central Florida, 2003.
- Bonds, Patrick, 2010Lecturer, Global Campus. B.A., Baylor University, 1994. M.A., University of New Orleans, 2000. M.Phil., University of Dublin, 2000. Ph.D., Louisiana State University, 2010.
- Bonnell, Bryon, L., 2010.AROTC Professor of Military ScienceTroy. B.A., The Ohio State University, 1990. M.S., Troy State University, 2001. Master of Military Operations & Science, Air University, 2002.
- Borders, William S., 1989.Professor Dothan. B.A., Florida State University, 1968. M.A., Pacific Lutheran University, 1974. M.H.A., Baylor University, 1978. Ph.D., University of Washington, 1983.
- Borowski, Martha A., 2004.Lecturer, Global Campus. B.A., Seton Hall University, 1991. M.B.A., Long Island University, 2000.
- Bowron, Rhonda K., 1999Associate ProfessorTroy. B.S., Troy State University, 1974. M.S., Troy State University, 1976. Ed.S., Troy State University, 1997. Ph.D., Auburn University, 2001.
- Boyd, Erin E., 2009.Instructor, Montgomery. B.A., The University of Southern Mississippi, 2006. M.L.I.S., The University of Southern Mississippi, 2008.
- Boyd, Lynn, 2007.Assistant ProfessorMontgomery. B.A., Auburn University at Montgomery, 1994. M.E., Auburn University at Montgomery, 1997. Ph.D., University of Alabama, 2007.
- Braddock, Sam, 2006Lecturer, Global Campus. B.S., Colorado State University-Pueblo, 1975. M.A., Webster University, 1980. M.S., Jacksonville State University, 1990.
- Brandenburg, Sharon C., 2010Lecturer, Phenix City. B.B.A., Kennesaw State University, 1985. M.S.W., Valdosta State University, 1997.
- Brandes, Jay H., 1993Assistant ProfessorGlobal Campus. B.S., State University of New York at Potsdam, 1987. M.S., Florida State University, 1989.
- Brooks, Jeneve R., 2010Assistant ProfessorDothan. B.S., Cornell University, 1988. M.S., Hunter College, 2002. Ph.D., Fordham University, 2009.
- Brown, Donald R., 1998Lecturer, Troy. B.M.E., Troy State University, 1970. M.S., Troy State University, 1997.
- Brown, Lawrence A., 1970Professor Dothan. B.A., East Carolina University, 1959. M.Ed., University North Carolina, 1964. Ph.D., University of Southern Mississippi, 1972.
- Brown, Linda M., 2007.Lecturer, Phenix City. B.S.E., Auburn University, 1971. M.E., Auburn University, 1976. Ed.S., Auburn University, 1979.
- Browning, Frank, 2002.Associate ProfessorGlobal Campus. B.A., Wake Forest University, 1972. M.Ed., Boston University, 1977. M.H.A., Georgia State University, 1981. Ph.D., University of North Carolina at Greensboro, 1996.
- Buchanan, Gary C., 1992Associate ProfessorDothan. B.S., Troy State University Dothan, 1982. M.S., University of Alabama at Birmingham, 1984. Ph.D., Georgia State University, 1991.
- Buckner, Timothy R., 2005.Associate ProfessorTroy. B.A., Georgia State University, 1996. M.A., Florida State University, 1998. Ph.D., University of Texas at Austin, 2005.
- Bullock, Robert, 2010,Lecturer, Troy. Musical Industry Professional in Residence
- Burchill, Jamie L., 2008.Lecturer, Troy. B.S., University of Tennessee Chattanooga, 1999. M.S., Middle Tennessee State University, 2003.
- Burgan, William Michael, 2005.Assistant ProfessorPhenix City. B.S., University of Montevallo, 1971. M.A. University of Alabama, 1973. Ph.D., University of Alabama, 1984.
- Burgess, Kimberly R., 2009Assistant ProfessorGlobal Campus. B.S., Florida State University, 1994. M.S., Florida State University, 1999. Ph.D., Florida State University, 2003.
- Burks, Eddy J., 2006Associate ProfessorTroy. B.S., University of Alabama, 1977. M.B.A., Louisiana Tech University, 1982. D.B.A., Louisiana Tech University, 1988.
- Burmeister, Laura, K., 2010.Assistant ProfessorTroy. B.S., University of South Carolina, 2001. M.A., University of Connecticut, 2004. Ph.D., University of Connecticut, 2009.
- Burns, Djuana, 2006Assistant ProfessorTroy. B.S.N., Auburn University at Montgomery, 1986. M.S.N., Troy State University, 1993.
- Burrroughs, Robert G., 1993Associate ProfessorDothan. B.S., Fairmont State University, 1977. Ph.D., Mississippi State University, 1992.
- Busby, Ruth S., 2009Assistant ProfessorTroy. B.S., Auburn University at Montgomery, 1988. M. Ed., University of West Alabama, 1990. Ed.D., University of West Alabama, 2008.
- Bush, Gayle L., 2002Associate ProfessorTroy. B.S., Baylor University, 1985. M.S.E., Baylor University, 1986. D.A., Middle Tennessee University, 2002.
- Bynum, Robin Strain, 2003Associate Dean, College of Education; Professor Dothan. B.S., Tuskegee Institute, 1978. M.Ed., Tuskegee University, 1982. Ed.D., Argosy University, 1999.
- Byrd, William L., 2010. Lecturer, Troy. B.S., Francis Marion University, 2006. M.S., Auburn University, 2008. Ph.D., Auburn University, 2010.
- Caillouet, Aaron, 2001.Lecturer, Global Campus. B.S., Nicholls State

Duan, C. J., 2009 Assistant Professor Global Campus. Bachelor of Engi-

196 · BOARD OF TRUSTEES, ADMINISTRATION AND FACULTY

- Ed.S., University of Detroit, 1987. Ed.D., University of Michigan, 1991.
- Gibson, Pamela A., 2009. Assistant Professor. Global Campus. B.A., University of Virginia, 1982. M.P.A., Virginia Commonwealth University, 1985. Ph.D., Virginia Commonwealth University, 2000.
- Gilbert, Maurice, 2005. Lecturer. Dothan. B.S., University of Alabama, 1968. M.A., University of Alabama, 1970.
- Gilland, Tracy, 2010. Assistant Professor. Troy. B.A., University of Alabama, 1997. M.F.A., New York University, 2009.
- Giunta, Stephen, 2010. Assistant Professor. Global Campus. B.A., University of West Georgia, 1993. M.A., University of West Georgia, 1994. Ph.D., University of Florida, 2002.
- Glover, Albert D., 1984. Assistant Professor. Troy. B.A., Southwest Baptist College, 1973. M.Div., Midwestern Baptist Theological Seminary, 1977. M.A., Southwest Mississippi State University, 1985. Ph.D., Florida State University, 2003.
- Gnoinska, Margaret, 2010. Assistant Professor. Troy. B.A., Middlebury College, 1994. M.A., The George Washington University, 2002. Ph.D., The George Washington University, 2010.
- Goldstein, Marci, 2006. Lecturer. Global Campus. B.S., Drexel University, 1972. M.A., Villanova University, 1974. Ed.D., Temple University, 1980.
- Gompa, Vijaya, L., 2010. Professor. Dothan. B.S., Andhra University, 1980. M.S., Andhra University, 1983. M.A., University of Toledo, 1986. Ph.D., University of Toledo, 1992.
- Goodwin, Imani, 2001. Assistant Professor. Troy. B.S.N., Troy State University, 1990. M.S.N., Troy State University, 1993. F.N.P., University of Alabama-Huntsville, 1999. Ph.D., Georgia State University, 2009.
- Gossett, Dianne D., 1993. Associate Dean, College of Education; Professor, Troy. B.S., Judson College, 1974. M.S., Jacksonville State University, 1979. Ed.D., University of Alabama, 1992.
- Grantham, Billy J., 1994. Professor. Troy. B.A., University of Alabama at Birmingham, 1988. M.A., University of Alabama, 1992. Ph.D., Northwestern University, 1996.
- Green, Denise Marcella, 2006. Assistant Professor. Troy. B.A., University of North Carolina Wilmington, 1981. M.S.W., University of North Carolina at Chapel Hill, 1985. Ph.D., University of Georgia, 2004.
- Green, Frederick Eugene, 2004. Associate Professor. Troy. B.S., University of Kentucky, 1988. M.Ed., Frostburg State University, 1989. Ph.D., Florida State University, 1995.
- Assistant Professor

- Hooten, Mary Ann, 2002. Associate Professor Troy. B.S., University of Alabama at Birmingham, 1990. M.S., Clemson University, 1993. Ph.D., Clemson University, 1999.
- Hoover, David J., 2009. Associate Professor Montgomery. B.A., Covenant College, 1968. M.Div., Westminster Theological Seminary, 1974. Ph.D., Virginia Tech, 1987.
- Hoppin, Shari, 2007. Assistant Professor Troy. B.A., University of Ottawa, 1994. M.A., University of Southern California, 1996. Ph.D., University of Southern California, 2002.
- Horiuchi, David, 2007. Lecturer, Global Campus. B.S., Columbus State University, 1998. M.P.A., Columbus State University, 2000.
- Hortman, James, 2010. Lecturer, Phenix City. B.S., Valdosta State University, 1971. M.Ed., Valdosta State University, 1975. Ph.D., University of Alabama, 1983.
- Howard, Peter N., 1974. Professor Troy. B.A., University of Alabama, 1967. M.A., Florida State University, 1969. Ph.D., Florida State

Krupnick, Charles Alexander, 2007. Associate Professor

200 · BOARD OF TRUSTEES, ADMINISTRATION AND FACULTY

- Newvine, Tracy Leigh, 1998Lecturer, Global Campus. B.A., Saginaw Valley State University, 1985. M.S., University of North Florida, 1992. M.S., Troy State University, 2001.
- Niu, Xutong, 2008.Assistant ProfessorTroy. B.Sc., Zhejiang University, 1996. M.E., Zhejiang University, 1999.M.S., Ohio State University, 2001. Ph.D., Ohio State University, 2004.
- Nokes, Richard Scott, 2003Associate ProfessorTroy. B.A., Butler University, 1992. Ph.D., Wayne State University, 2002.
- Noriega, Edward M., 2000.ProfessorTroy. B.F.A., Cooper Union, 1984.
- Northam, Melissa C., 2007Associate ProfessorGlobal Campus. B.A., Baylor University, 1975. M.A., University of Alabama, 1977. Ph.D., University of South Carolina, 1984.
- Nott, Connie, 2010Lecturer, Global Campus. B.S.B.A., Central Missouri State College, 1972. M.B.A., Central Missouri State College, 1975. Ph.D., Dalour State College B.

- Reynolds, Joseph H., 2004Assistant ProfessorMontgomery. B.S.,
United States Air Force Academy, 1982. M.S., University Colorado
at Colorado Springs, 1990. Ed.S., Troy State University, 1996. Ed.D.,
Auburn University, 1999.
- Rhee, Anthony, 2003Associate Dean, Sorrell College of BusinessMont-
gomery. B.S., Kent State University, 1972. M.S., Kent State Univer-
sity, 1973. D.B.A., Kent State University, 1979.
- Rich, R. Christopher, 2001Associate ProfessorTroy. B.S., Troy State
University, 1989. M.F.A., The University of Alabama, 1992.
- Richardson, Allen H., 2010Lecturer, Global Campus. A.A., Pensacola
Junior College, 1995. B.S., The University of West Florida, 1999.
M.S. The University of West Florida, 2001.
- Riley, Carol Patricia, 2000Associate ProfessorMontgomery. B.S.N.,
The University of Alabama at Birmingham, 1974. M.S.N., The Uni-
versity of Alabama at Birmingham, 1977. D.S.N., The University of
Alabama at Birmingham, 1988.
- Riley, Trellys A., 2007Assistant ProfessorPhenix City. B.S., Oklahoma
State University, 1983. M.S., Oklahoma State University, 1987.
Ed.D., Oklahoma State University, 1994.
- Rinehart, James F., 1995Associate Dean, College of Arts And Sciences;
Professor Troy. B.A., University of Florida, 1972. M.S., Syracuse
University, 1991. Ph.D., Syracuse University, 1993.
- Roark, Victoria V., 1996.Assistant ProfessorTroy. B.S., Louisiana State
University and A&M College, 1974. M.E., University of North
Texas, 1976. Ph.D., The University of Alabama, 1983.
- Roberts, Bertha B., 2002Instructor, Dothan. B.S., Oakwood College,
1979. M.S.Ed., Troy State University, 1997. Ed.S., The University of
West Florida, 2003.
- Roberts, Elizabeth J., 1988.

202 · BOARD OF TRUSTEES, ADMINISTRATION AND FACULTY

Simpson, Jimmy C., 1994 Associate Professor
Montgomery. B.S., University of Alabama, 1975. M.B.A., University of Alabama, 1980.
Ph.D., The University of Alabama, 1992.

Simpson, Thomas J., 2009 Instructor

- Vael, Aimee Corley, 2009 Associate Professor Phenix City. B.S.N., Columbus State University, 1997. M.S.N., Medical College of Georgia, 2001. D.N.P., Medical College of Georgia, 2007.
- Valkyrie, Karena T., 2006 Assistant Professor Troy. B.A., University of Houston, 1992. M.S., University of Houston-Clear Lake, 1995. Ph.D., University of Houston, 2006.
- Van Doorn, John, D., 2010 Assistant Professor Global Campus. B.A., Berry College, 1987. M.A., Georgia State University, 1994. Ph.D., The University of Oklahoma, 2002.
- Van Doorn, Judy R., 2007 Assistant Professor Phenix City. B.S., Berry College, 1983. M.B.A., Georgia State University, 1986. M.S., University of Oklahoma, 2001. Ph.D., University of Oklahoma, 2005.
- Van Loo, Elizabeth D., 1985 Professor Dothan. B.S., Loyola University New Orleans, 1960. B.M., Loyola University New Orleans, 1964. M.A., Tulane University, 1965. M.S., Troy State University, 1986. Ph.D., Tulane University, 1973. Ed.S., Troy State University, 1996.
- Vanderbleek, Linda M., 2007 Assistant Professor Global Campus. B.S., University of Florida, 1981. M.A., University of Central Florida, 1996. Ph.D., University of Central Florida, 2005.
- VanHooser, Mark R., 2010 Assistant Professor Troy. B.S., Auburn University, 1998. M.E., Auburn University, 2006. Master of Applied Mathematics, Auburn University, 2008. Ed.S., Auburn University, 2008. Glob5o031 Tw (Assistant Pr1Tw [(VanH38/T.[Ry35ed020064)4(a)-4rx.)4ni-

204 · BOARD OF TRUSTEES, ADMINISTRATION AND FACULTY

- Wright, Alan D., 2009. Associate Professor Troy. Bachelor of General Studies, Arkansas State University, 1984. M.B.A., Arkansas State University, 1986. D.B.A, University of Memphis, 1996.
- Wright, Jeanne, 1999. Associate Professor Troy. B.S., University of Montevallo, 1974. M.Ed., University of Montevallo, 1980. Ph.D., University of Georgia, 1987.
- Xu, Iris H., 2008. Director of Confucius Institute; Associate Professor Troy. B.A., Harbin Normal University, China, 1983. M.Ed., University of Alberta, 1999. Ph.D., University of Alberta, 2004.
- Yang, Hui-Ting, 2007. Lecturer Troy. B.M., TaiPei Municipal Teachers College, 1992. M.M., Ohio University, 1996. M.M., Florida State University, 2003. D.M., Florida State University, 2006.
- Yang, Quan, 2005. Associate Professor Dothan. B.A., Guangxi University for Nationalities, 1983. M.A., Southeast Missouri State University, 1996. Ed.D., University of Memphis, 2001.
- Yu, Kewei, 2009. Assistant Professor Troy. B.S., Jilin University, 1988. M.S., Chinese Academy of Sciences, 1991. Ph.D., Louisiana State University, 2000.
- Zhong, Jiling Bill, 2005. Associate Professor Troy. B.S., Southeast University-Nanjing, China, 1995. Ph.D., Georgia State University, 2006.

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.

Hughes, George Rufus, 1970 Assistant Professor Emeritus of Psychology, Troy. B.A., East Carolina, 1960. M.A., East Carolina, 1962. Ph.D., The Johns Hopkins University, 1970.

Jackson, Alto L. Sr., 1967 Associate Professor of Business, University of Alabama, 1935. J.D., University of Alabama, 1937.

Jenkins, Joyce W., 1986 Assistant Professor Emeritus of Nursing, Troy. B.S.N., Florida State University, 1964. M.Ed., Florida State University, 1975. M.S.N., University of Alabama, Birmingham, 1982.

Johnson, Jerone P., 1974 Professor Emeritus, Department of Counseling and Psychology, Global Campus. B.S., University of Southern Mis-

206 · BOARD OF TRUSTEES, ADMINISTRATION AND FACULTY

- Stewart, Robert Earl, 1967. Associate Professor Emeritus of Finance Troy. B.B.A., University of Mississippi, 1964. M.B.A., University of Mississippi, 1965.
- Stokes, Suzanne, 1999. Associate Professor Emeritus of Nursing Troy. B.S., University of Alabama, 1971. M.S., University of Alabama, 1972. M.S., Troy State University, 1997. Ph.D., University of Alabama, 2001.
- Swords, I.R., 1976. Associate Professor Emeritus of Psychology Dothan. B.S., Jacksonville State University, 1950. M.A., University of Alabama, 1955. M.A., University of Alabama, 1962. Ph.D., University of Alabama, 1966.
- Talmdage, Phyllis, 1985. Assistant Professor Emeritus of English Troy. B.A., Judson College, 1958. M.A., Samford University, 1968.
- Tighe, Mary A., 1984. Professor Emeritus Troy. B.A., University of Pittsburg, 1960. M.Ed., University of Pittsburg, 1965. Ph.D., University of Pittsburg, 1979.
- Tucker, John P., 1988. Associate Professor Emeritus Dothan. B.S., Troy State University, 1961. M.Ed., Auburn University, 1963. Ed.D., Auburn University, 1972.
- Venable, Peter B., 1969. Associate Professor Emeritus of Education Dothan. B.G.Ed., Nebraska at Omaha, 1962. M.A., Appalachian State, 1964. Ph.D., University of Southern Mississippi, 1968.
- Viohl, Fredrick A., 1979. Professor Emeritus in Business Troy. B.S., New York University, 1966. M.B.A., New York University, 1968. Ed.D., University of Georgia, 1979.
- Vollrath, Carl Paul, 1965. Associate Professor Emeritus of Music Troy. B.M., John B. Stetson, 1953. M.A., Columbia, 1956. Ed.D., Florida State University, 1964.
- Wadowick, James, 1975. Associate Professor Emeritus of Music Troy. B.S., Case Western Reserve, 1947. M.A., Case Western Reserve, 1967.
- Walker, Frank, 1983. Assistant Professor Emeritus Dothan. B.S., University of Alabama, 1967. M.L.S., University of Alabama, 1976.
- Walters, Williams, 1962. Associate Professor Emeritus of Business Troy. B.S., Troy State University, 1955. M.Ed., Auburn University, 1959.
- Walton, LeRoy, 1974. Professor Emeritus of Computer and Information Systems Troy. B.A., Mississippi State University, 1965. M.S., Mississippi State University, 1971.
- Ward, Edward Hilson, 1965. Professor Emeritus of Chemistry Troy. B.S., Troy State University, 1958. Ph.D., Mississippi, 1963.
- Wilkinson, Robert E., 1982. Professor Emeritus of Business Dothan. A.B., Syracuse, 1951. M.S., Florida State, 1967. D.B.A., Florida State University, 1974.
- Wilson, Kathy, 1981. Assistant Professor Emeritus of Biological and Environmental Sciences Troy. B.S., Troy State University, 1979. M.S., Troy State University, 1980.

NOTE: Anyone witnessing an act of harassment and/or discrimination may report the incident directly to the Human Resources Department.

The results of the investigation may fall into two categories:

- No Merit

B. Investigation

Human Resources will coordinate the investigation of the complaint and file a report with a subcommittee of the Personal Advisory Committee. The subcommittee and the appropriate Senior Vice Chancellor will determine whether there is a reasonable basis for believing the allegations of the harassment and discrimination policy has occurred. The investigation may include oral interviews and/or written statements from the complainant, the alleged harasser, any witnesses who may be able to provide pertinent information about the facts of the case, and review of any documentation of previous allegations and/or disciplinary actions related to harassment or discrimination. In the course of the investigation, the alleged harasser will be informed of the allegations and the facts surrounding the allegations and will be afforded a full opportunity to respond.

In general, the investigation process will consist of the following procedures:

1. Interview complainant.
2. Have complainant read, approve, and sign a written report of the incident.
3. Notify accused of complaint. Interview and obtain written report from accused.
4. Interview and obtain written reports from witnesses to the incident of harassment or discrimination.

The University is committed to investigating and resolving any complaint of harassment or discrimination brought to the attention of the University. The investigation process will be completed in an appropriate and timely manner.

An individual who believes her she is a victim of harassment or discrimination or retaliation 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.

C. Committee Review and Resolution

The results of the investigation will be reviewed by an appropriate subcommittee of the Personnel Advisory Committee and the appropriate Senior Vice Chancellor.

<i>Individual Accused</i>	<i>Appropriate Committee to Hear Claim</i>
Student	· Student Services Committee
Faculty	· Executive Vice Chancellor · Dean of college or school · One faculty member · Human Resources Director
Staff or Administrator	· Senior Vice Chancellor of the employee's division · Two staff employee members from the Personnel Advisory Committee · Human Resources Director
Others associated with the University	· Varying depending on circumstances

If a member of the appropriate body is involved in the incident or asked to be recused from the review, another appropriate representative will be appointed to the review committee by the Senior Director of Human Resources.

- 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

- A. Provost
- B. Senior Vice Chancellor, Student Services and Administration
- C. Senior Vice Chancellor, Finance and Business Affairs
- D. University Registrar
- E. Deans of various schools within the university

These officials shall hereinafter be referred to as "records officials." Each official is responsible for maintaining a listing of student records within such records official's area of responsibility, which listing shall indicate the location and general content of the records. Any student request concerning his or her records or files, including requests that information not be disclosed to the public, requests for disclosure to third parties, and requests for access by the student shall be directed to the appropriate records official. Forms for all such requests may be obtained from these officials. The appropriate records official will also attempt to resolve any challenges to the records at an informal hearing with the student and, if an agreeable solution is not reached, the records official will refer the student and his or her challenge to the University Hearing Officer, who shall set a hearing within 10 days thereafter for final decision.

6. ACCESS OF STUDENT RECORDS TO STUDENT.

The student is accorded the right to inspect and review, in the presence of a university staff member, any records, files and data directly related to the student. To inspect his or her personal folder or file, a student shall submit a written request to the appropriate records official, which request shall be signed by the student and, if not personally submitted by the student, then the student's signature shall be acknowledged by affidavit of a Notary Public. The request for inspection shall be acted upon within 45 days from the date such request is received. If, in the opinion of the appropriate records official, inspection can reasonably be accomplished by providing copies of documents, such copies shall be made and provided to the student.

7. LIMITATIONS ON ACCESS.

The right of inspection of personal information described in paragraph "6" above does not include:

- A. Financial records of the parents of the student or any information contained therein;
- B. Confidential letters and statements of recommendation, which were placed in the education records prior to January 1, 1975, if such letters or statements are not used for purposes other than those for which they were specifically intended;
- C. Other confidential records, access to which has been waived by the student in accordance with policy concerning waivers.

8. CHALLENGING THE CONTENTS OF THE RECORD.

If, after inspecting the record, a student wishes an explanation or to challenge any part of the contents of such record, then the student shall submit a written request for a hearing in the same manner and under the same procedures as provided by paragraph "5."

The request for hearing should identify the item or items in the file to be challenged and state the grounds for the challenge,

15. COST OF COPIES.

Any copies of records furnished at the request of a student shall be subject to the payment of a reasonable fee, to be established by the university from time to time, for such service.

COURSE PREFIXES (KEY TO ABBREVIATIONS)

ACT.....	Accounting	IED.....	Interdisciplinary Education
ANT.....	Anthropology	IS.....	Information Systems
ARB.....	Arabic	JRN.....	Journalism
ART.....	Art and Design	KHP.....	Kinesiology and Health Promotion
AS.....	Aerospace	KOR.....	Korean
ASL.....	American Sign Language	LAT.....	Latin
AT.....	Athletic Training Education	LAW.....	Law
BIO.....	Biology	LDR.....	Leadership
BUS.....	Business	MB.....	Marine Biology
CDC.....	Computer Discipline	MGT.....	Management
CHI.....	Chinese (Mandarin)	MKT.....	Marketing
CHM.....	Chemistry	MSL.....	Military Science and Leadership
CJ.....	Criminal Justice		
CLA.....	Classics		
COM.....	Communication		
CS.....	Computer Science		
DRA.....	Dramatic Arts		
ECD.....	International Economic Development		
ECE.....	Early Childhood Education		
ECO.....	Economics		
EDU.....	Education		
ELE.....	Elementary Education		
ENG.....	English		
ESL.....	English as a Second Language		
FIN.....	Finance		
FLN.....	Foreign Language		
FRN.....	French		
GEM.....	Surveying and Geomatics Sciences		
GEO.....	Geography		
GER.....	German		
GRK.....	Greek		
HIS.....	History		
HLT.....	Health		
HON.....	University Honors Program		
HS.....	Human Services		
IDS.....	Interdisciplinary Studies		

<<dti>> Design Technology and Industry Program.....	73
Abbreviations, Key to.....	212
Academic Affairs (Divisions of the University).....	191
Academic and Leadership Scholarship Programs	39
Academic Courses, Placement in	18
Academic Evaluations, Degree Plans/.....	19
Academic Regulations	15
Academic Support.....	5
Academic Year.....	15
Accelerated Study for Superior Students	19
Accident and Sickness Insurance Plan, Student	7
Accounting Courses (ACT).....	99
Accounting Major	68
Accreditation.....	2
Administration	191
Admission for Students Graduating from Non-Accredited Institutions (Including Home-Schooled Students)	14
Admission Requirements	11
Admission, Early.....	11
Admission, International	12
Admission, Temporary.....	14
Admissions Notes	14
Advanced Courses.....	16
Advanced International Certificate of Education (AICE)	25
Advanced Placement (AP) Examinations.....	23
Aerospace Courses (AS).....	105
Aerospace Studies Minor	49
Affiliations	2
Alumni Association.....	5
American Sign Language Courses (ASL)	100
Anthropology Courses (ANT).....	102
Anthropology Minor	49
Appendices.....	207
Applied Science Program.....	46
Arabic Course (ARB)	103
Archival Studies Minor	49
Art and Design Courses (ART)	103
Art Education	73
Art Major	73
Art Minor	73
Art, Bachelor of Fine Arts in Studio	73
Arts and Sciences College of.....	49
Associate Degree Parameters	41
Associate Degrees	15
Athletic Training Courses (AT)	100
Athletic Training Education Program	89
Athletics, Intercollegiate	6
Attendance Policy	15
Audit	13
Auditing a Course.....	15
B.S./B.A. Business.....	5

Criminal Justice Major	56	Finance Major	68
Criminal Justice Minor	57	Financial Aid Disbursement	29
Cross Discipline Courses (CDC).....	46, 111	Financial Assistance	29
Dance Course (DAN).....	119	First-Time University Students	12
Dance Minor	76	Foreign Language Course (FN)	135
Dantes Subject Standardized Test Scores, DSST	21	Foreign Language Major.....	76
Degree Plans/ Academic Evaluations	19	Foundation Scholarship & Loan Troy University.....	30
Degrees and Required Credit Hours	41	FAFSA (Free Applic).....	191
Design, Technology and Innovation, Center for	5	A AFA toho& Loan (French.....5)	TJ -17.9 Foreign.Lai83.5
Direct Loans	27		
Direct PLUS Loan	30		
Direct Stafford Loans	30		
Direct Unsubsidized Loans	30		
Disability Services	10		
Dothan Campus Scholarships	39		
Dramatic Arts Courses (DRA).....	120		
Drop	17		
Drops, Withdrawals and Refunds	28		
Dual Enrollment	11		
Early Admission	11		
Early Admission to Accredited Professional Schools.....	41		
Early Childhood Education (P3)	85		
Early Childhood Education Courses (ECE).....	122		
Earth and Space Studies Minor.....	57		
eCampus	8		
E-Commerce System	28		
Economics Course (ECO).....	123		
Education Courses (EDU).....	124		
Education Program Availability, Undergraduate	81		
Education, College of	81		
Elementary Education (LE).....	126		
Elementary Education (K-6).....	86		
Emergency Situations, Severe Weather and	18		
Eminent Scholars	6		
Endowed Chairs and Professorships	6		
English as a Second Language Course (ESL)	131		
English as a Second Language Program	46		
English Course (ENG).....	126		
English– Language As Program	58		
English Major	57		
English Minor.....	57		
English Minor, Creative Writing	57		
English Minor, Professional Writing Emphasis.....	57		
English Placement for Non-native Speakers of English	13		
English Proficiency Requirements for Admitted Students	13		
Environmental Science Minor	58		
Environmental Science Program	58		
Exercise Science Minor	92		
Expenses, Miscellaneous	27		
Expenses, Tuition and.....	27		
Experiential Credit.....	16		
Experiential Learning Credit	46		
Faculty, Emeriti	204		
Faculty, Full-time	192		
FAFSA (Free Application for Federal Student Aid)	29		
Federal Perkins Loan Program	30		
Federal Supplemental Educational Opportunity Grants.....	29		
Federal Work Study.....	29		
Finance and Business Affairs (Divisions of the University).....	191		
Finance Course (FIN).....	134		

Russian Course (RUS) 182
Scholarships & Loans, Troy