The Division of Bicultural-Bilingual Studies offers courses which may be used to fulfill the General Education Requirements (GER), or which may be taken as support courses for programs within The University or as electives. Courses toward the Bilingual Education Endorsement (Undergraduate Course Option-BBL) are also offered. This endorsement, unlike others, may be treated as the Area of Specialization for the Provisional Elementary Certificate or as a Second Teaching Field for the Provisional Secondary Certificate. Courses in Bicultural-Bilingual Studies offer the opportunity for students to prepare for bilingual and/or second language teaching and give insights into different cultures, biculturalism, and multiculturalism.

The Division offers courses in teaching English as a Second Language designed to offer students the opportunity to learn appropriate methods and strategies for teaching at the elementary, secondary, and adult levels. Courses are designed for students who plan to teach second languages, but they also offer the opportunity for those who intend to teach in other areas or to enter fields that rely heavily on an understanding of language learning and bilingualism.

**COURSE DESCRIPTIONS**

**BICULTURAL-BILINGUAL STUDIES (BBL)**

3003 Multiculturalism in the Southwest
(3-0) 3 hours credit
Survey of patterns, ideas, and prospects of multiculturalism in the present and future of the Southwest. Examination of cultural differences and similarities among all peoples of the region, and the roles of multiculturalism in politics, education, economics, religion, and everyday life.

3013 Contrastive Linguistics and Bilingualism
(3-0) 3 hours credit.
A descriptive study of Spanish and English with emphasis on the grammatical differences between the two languages. Problems of linguistic interference as these apply to the native speaker of Spanish. Strategies for developing bilingualism and the application of these strategies in a bicultural-bilingual program.

3023 Mexican-American Biculturalism
(3-0) 3 hours credit.
A survey of the major cultural patterns and of cultural diversity among Mexican-Americans, including family and kinship, language, health, folklore, art, music, religion, sex roles, and cultural revitalization.

3033 The Mexican-American in the Southwest
(3-0) 3 hours credit.
Historical foundations of U.S.-Mexico biculturalism in the area. Factors in the development of the area during the colonial era are studied as background for the contemporary bicultural Southwest. Mexican-American contributions to politics and economics of the area are considered.

3043 Psychological Considerations in a Bicultural Environment
(3-0) 3 hours credit.
A cross-cultural and social psychological study of human development, interethnic communication, stereotyping, learning styles, and other topics relevant to delivery of social and educational services in a bicultural setting.

3133 Communicative Competence in a Spanish-English Bilingual Society
(3-0) 3 hours credit.

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*Students seeking teacher certification should consult the Undergraduate Certification Programs in Education brochure for information.*
BICULTURAL-BILINGUAL STUDIES — ENGLISH AS A SECOND LANGUAGE

An introduction to the nature of language with special emphasis on its acquisition and use. Regional varieties of English and Spanish in the Southwest.

4023 Foundations of Bicultural-Bilingual Education
(3-0) 3 hours credit.
An investigation of the philosophies and theories of bicultural-bilingual education relating to the learning processes of children.

4033 Assessing Language and Learning in Bicultural-Bilingual Classrooms
(3-0) 3 hours credit.
A survey of evaluation and testing procedures appropriate for bicultural-bilingual classrooms.

4063 Teaching Content in a Bicultural-Bilingual Education Program
(3-0) 3 hours credit. Prerequisite: SPN 3143 or the equivalent.
An investigation and evaluation of curriculum and materials available in different content areas employed in teaching children in a bicultural-bilingual program. Directed field experiences and micro-teaching in the target languages. (Offered in Spanish.)

4073 Reading Materials in a Bicultural-Bilingual Program
(3-0) 3 hours credit.
A study of bilingual and Spanish-language materials appropriate for bilingual students at various age levels. Reading programs in the bicultural-bilingual classroom.

4911-3 Independent Study
1-3 hours credit. Prerequisites: Permission in writing (form available) of the instructor, the student's advisor and the Division Director and Dean of the College in which the course is offered.
Independent reading, research, discussion, and/or writing under the direction of a faculty member. May be repeated for credit, but not more than 6 hours of independent study, regardless of discipline, will apply to a bachelor's degree.

4951-3 Special Studies in Bilingual and Second Language Education
1 to 3 hours credit. Prerequisite: Consent of instructor.
An organized course offering the opportunity for specialized study not normally or not often available as part of the regular course offerings. Special studies courses may be repeated for credit when the topics vary, but not more than 6 hours within any one discipline will apply to a bachelor's degree.

COURSE DESCRIPTIONS
ENGLISH AS A SECOND LANGUAGE (ESL)

3003 Applications of Linguistics
(3-0) 3 hours credit.
A study of the applications of linguistics to the teaching of a second language in English as a Second Language and Bilingual Education programs. Particular attention given to psycholinguistic and sociolinguistic issues in second language acquisition.

3033 Introduction to Teaching English as a Second/Foreign Language
(3-0) 3 hours credit.
A study of the various approaches, methods, and techniques available for teaching language in English as a Second Language and Bilingual Education programs.

3053 Literacy in a Second Language
(3-0) 3 hours credit.
A course on the relationship of reading and writing acquisition to second language development: the design and evaluation of appropriate materials for the teaching of literacy.
DIVISION OF EDUCATION

The Division of Education offers three degree programs: The Bachelor of Arts Degree in Early Childhood and Elementary Education, the Bachelor of Science Degree in Health Education, and the Bachelor of Science Degree in Physical Education. Students seeking degrees in these areas may pursue teacher certification, or may follow similar but individualized programs to prepare them for professional service in institutions and agencies concerned with the welfare of children and youth.

The Division of Education also provides the professional education courses for all students seeking secondary and/or all-level teacher certification. Students seeking secondary and/or all-level teaching certificates pursue a degree in an approved academic area and complete the appropriate certificate requirements outlined in the "Undergraduate Certification Programs in Education" brochure available through the Office of Teacher Certification and Placement.

Certificate Programs

The University of Texas at San Antonio is approved by the Texas Education Agency to recommend students for teaching certificates in various baccalaureate degree areas. Requirements for all certificate programs offered through the University of Texas at San Antonio are listed in the "Undergraduate Certification Programs in Education" brochure available through the Office of Teacher Certification and Placement. Students seeking teacher certification should contact the Office of Teacher Certification and Placement and obtain a copy of this brochure as soon as their major is declared and a program advisor is assigned. Some academic requirements for the teaching certificate are in addition to those outlined for the degree. Students seeking teacher certification generally begin their work in professional education during the sophomore year.

Admission to Teacher Certificate Programs

All students seeking teacher certification must apply for admission to a certificate program through the Office of Teacher Certification and Placement. Applications for admission to a certificate program should be submitted when a student has completed at least 42 semester hours of course work and has attained a grade point average of 2.50 on all work attempted. The recommendations of three UTSA professors are required for admission to the certificate program.

Education Professional Semester and Student Teaching

Admission to the Education Professional Semester and Student Teaching must be obtained during the semester prior to enrollment. Admission is contingent upon completion of the following requirements:

A. A 2.50 GPA, including all work attempted;
B. At least 90 semester credit hours; students should consult the Undergraduate Certification Programs in Education brochure, available in the Office of Teacher Certification and Placement for specific credit hour requirements;
C. Completion of EDU 2001, EDU 3003, and EDP 3013;
D. For students seeking a Kindergarten endorsement, 6 semester credit hours of approved courses in Early Childhood Education must be completed;
E. The recommendations of three UTSA professors, at least two of whom must be from the Division of Education; one of the three recommendations must be obtained from the student's assigned faculty advisor;
F. Presentation of a negative tuberculosis report from a licensed physician valid at the time of registration for the Professional Semester; and
G. Approval of the Director of Student Teaching.
BACHELOR OF ARTS DEGREE IN EARLY CHILDHOOD AND ELEMENTARY EDUCATION

The minimum number of semester hours required for this degree, including the 42 hours of General Education Requirements, is 121, of which at least 57 must be at the upper-division level.

All candidates for the degree must complete:

A. 24 semester hours in one of the two groups of courses listed below:

1. Elementary Education
   a. Required courses to be taken early in the sequence:
      ECE 3213 Language Arts in the Elementary School
      ECE 3223 Social Science in the Elementary School
      ECE 4243 Second and Foreign Languages in the Elementary School
      C&I 3703 Introduction to Developmental Reading
      C&I 3713 Introduction to Content Area Reading
   b. Additional courses in the sequence:
      ECE 3233 Mathematics in the Elementary School
      ECE 4133 The Expressive Modes of Children in the Elementary School
      ECE 4213 Science in the Elementary School

2. Early Childhood Education
   ECE 3103 Young Children's Literature and Storytelling
   ECE 3113 Play and Creative Activities in Early Childhood Education
   ECE 3123 Development and Learning in Early Childhood
   ECE 3133 Programs in Early Childhood Education
   ECE 3203 Tests and Measurement for Early Childhood
   ECE 4103 Guidance of Young Children in Groups
   ECE 4113 Language Development and Reading in Early Childhood Education
   ECE 4123 Parents and Community Resources in Early Childhood and Elementary Education

B. 22 semester hours of course work in Education, 21 of which must be at the upper-division level.

1. Required courses to be taken early in the sequence are:
   EDU 2001 Introduction to the School Environment
   EDU 3003 Educational Sociology
   EDP 3013 Growth, Development and Learning Theories

2. The Professional Semester for Elementary and Early Childhood majors in Education consists of the 15 semester hours listed below. Students not seeking teacher certification may, with the approval of the Undergraduate Advisor, select 15 hours of upper-division electives in place of the Educational Professional Semester. Students who do not qualify for admission to the Professional Semester must, with the approval of the Undergraduate Advisor, substitute appropriate course work equivalent to the number of credit hours in the Professional Semester to earn a B.A. in Early Childhood and Elementary Education without certification.

   Courses comprising the Education Professional Semester are required for the teaching certificate and must be taken concurrently in the first or second semester of the senior year.

   EDP 4013 Measurement, Diagnosis, and Prescription in Educational Settings
EDU 4013 Classroom Climate in the Elementary School
EDU 4031 Media Technology
EDU 4046 Student Teaching: Elementary\textsuperscript{11}
EDU 4072 Individualized Clinical Experiences

C. 33 semester hours of electives, 12 of which must be at the upper-division level. Students seeking a teaching certificate may use these electives to satisfy additional requirements for the certificate and should consult the Office of Teacher Certification and Placement for details.

BACHELOR OF SCIENCE DEGREE IN HEALTH EDUCATION

The minimum number of semester hours for this degree, including the 42 hours of General Education Requirements, is 124, of which at least 54 must be at the upper-division level.

All candidates for the degree must complete:

A. 24 semester hours in Health Education from the following:
   
   HPE 2503 The Foundations of Health Education
   HPE 2513 Personal and Family Health
   HPE 3513 The Elementary School Health Program
   HPE 3523 The Secondary School Health Program
   HPE 3533 Drug Education
   HPE 3543 Physical Growth and Development
   HPE 4513 Consumer Health
   HPE 4523 Teaching Sex Education
   HPE 4533 Nutrition Education
   HPE 4543 First Aid and Safety

B. 22 semester hours of support work, 21 of which must be at the upper-division level.

1. Required courses to be taken early in the program sequence are:
   
   EDU 2001 Introduction to the School Environment
   EDU 3003 Educational Sociology
   EDP 3013 Growth, Development and Learning Theories

2. The following courses comprise the Education Professional Semester for Health Education majors seeking teaching certificates and must be taken concurrently in the first or second semester of the senior year:
   
   EDP 4013 Measurement, Diagnosis and Prescription in Educational Settings
   EDU 4013 Classroom Climate in the Elementary School
   or
   EDU 4093 Teaching in the Secondary School
   EDU 4031 Media Technology
   EDU 4046 Student Teaching: Elementary\textsuperscript{12}
   or
   EDU 4056 Student Teaching: Secondary
   EDU 4072 Individualized Clinical Experiences

\textsuperscript{11}Other student teaching courses may substitute for EDU 4046, depending on the student's program emphasis.

\textsuperscript{12}Other student teaching courses may substitute for EDU 4046, depending on the student's program emphasis. Students must inform the Director of Student Teaching of their plans to enroll in this course (these courses) one semester in advance.
For students majoring in Health Education who are not seeking the teaching certificate, 15 hours of approved upper-division electives may be taken with the approval of the Undergraduate Advisor, in place of the Education Professional Semester. Students who do not qualify for admission to the Professional Semester must, with the approval of the Undergraduate Advisor, substitute course work equivalent to the number of credit hours in the Professional Semester to earn an undergraduate degree in Health Education without teacher certification.

C. 36 semester hours of electives, 12 of which must be at the upper-division level. These may be taken from any Division of The University and for students seeking certificates can be used to satisfy a second teaching field. All students selecting a degree in Health Education must elect 4 semester hours of HPE Activity Courses (1001, 1101) including Physical Fitness.

BACHELOR OF SCIENCE DEGREE IN PHYSICAL EDUCATION

The minimum number of semester hours for this degree, including the 42 hours of General Education Requirements, is 125, of which at least 54 must be at the upper-division level.

All candidates for the degree must complete:

A. 33 semester hours in Physical Education from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPE 2303</td>
<td>The Foundations of Physical Education</td>
</tr>
<tr>
<td>HPE 2331</td>
<td>Physical and Motor Assessment</td>
</tr>
<tr>
<td>HPE 2401</td>
<td>Gymnastics</td>
</tr>
<tr>
<td>AHS 3113</td>
<td>Kinesiology</td>
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<tr>
<td>HPE 2411</td>
<td>Rhythmical Activities and Dance</td>
</tr>
<tr>
<td>HPE 2423</td>
<td>Intramurals and Recreation Programming</td>
</tr>
<tr>
<td>HPE 2433</td>
<td>Lifetime Sports</td>
</tr>
<tr>
<td>HPE 3303</td>
<td>Athletic Injuries and Training Procedures</td>
</tr>
<tr>
<td>HPE 3413</td>
<td>The Elementary School Physical Education Program</td>
</tr>
<tr>
<td>HPE 3423</td>
<td>The Secondary School Physical Education Program</td>
</tr>
<tr>
<td>HPE 3443</td>
<td>Principles of Exercise and Physical Fitness</td>
</tr>
<tr>
<td>HPE 4113</td>
<td>Evaluation in Physical Education</td>
</tr>
<tr>
<td>HPE 4343</td>
<td>Movement Education</td>
</tr>
<tr>
<td>HPE 4403</td>
<td>Motor Learning and Skill Performance</td>
</tr>
<tr>
<td>HPE 4413</td>
<td>Coaching and Officiating</td>
</tr>
<tr>
<td>HPE 4423</td>
<td>Adaptive Physical Education</td>
</tr>
</tbody>
</table>

1. All students must take the following courses: HPE 2331, HPE 2401, HPE 2411, and AHS 3113.

2. For students seeking secondary certification, the following courses are required to complete the dual requirements of the degree and the teaching certificate: HPE 2303, HPE 2433, HPE 3303, HPE 3423, HPE 3443, HPE 4113, HPE 4403, HPE 4413, HPE 4423, and COM 1043.

3. For students seeking the all-level certificate, HPE 3413 and ECE 3123 are also required.

B. 22 semester hours of support work, 21 of which must be at the upper-division level.

1. Required courses to be taken in the program sequence are:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 2001</td>
<td>Introduction to the School Environment</td>
</tr>
</tbody>
</table>


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*For students seeking certification, 124 hours are required to complete the dual requirements of the degree and the certificate. The Undergraduate Certification Programs in Education brochure should be consulted for additional information.*
EDU 3003  Educational Sociology  
EDP 3013  Growth, Development and Learning Theories

2. The following courses comprise the Education Professional Semester for Physical Education majors and must be taken concurrently in the first or second semester of the senior year:

   All-level Certification
   EDP 4013  Measurement, Diagnosis and Prescription in Educational Settings  
   EDU 4093  Teaching in the Secondary School  
   EDU 4031  Media Technology  
   EDU 4043  Student Teaching: Elementary  
   EDU 4053  Student Teaching: Secondary  
   EDU 4072  Individualized Clinical Experiences

   Secondary Certification
   EDP 4013  Measurement, Diagnosis and Prescription in Educational Settings  
   EDU 4093  Teaching in the Secondary School  
   EDU 4031  Media Technology  
   EDU 4056  Student Teaching: Secondary  
   EDU 4072  Individualized Clinical Experiences

3. For students majoring in Physical Education who are not seeking the teaching certificate, 15 hours of upper-division electives may, with the approval of the Undergraduate Advisor, be taken in place of the Education Professional Semester. Students who do not qualify for admission to the Professional Semester must, with the approval of the Undergraduate Advisor, substitute course work equivalent to the number of credit hours in the Professional Semester to earn an undergraduate degree in Physical Education without certification.

   C. 28 semester hours of free electives, 12 of which must be at the upper-division level.
      1. 24 hours may be taken from any Division of the University and for students seeking the teaching certificate, they must be used to satisfy the requirements for a second teaching field.
      2. All students majoring in Physical Education must elect at least 2 hours of HPE 1001 or HPE 1101 and at least 2 hours of HPE 2001. The same activity course may not be repeated for credit.

   COURSE DESCRIPTIONS
   CURRICULUM AND INSTRUCTION (C&I)

3703  Introduction to Developmental Reading  
       (3-0) 3 hours credit. Prerequisites: ENG 1033, EDU 3003, and EDP 3013.  
       Offers the opportunity to learn basic concepts of reading within the structure of the language arts. Identification of learner needs in relation to techniques and materials for developing perceptual skills, oral language fluency, word recognition, comprehension, study skills, rate adaptation, and literary appreciation. Formerly ECE 3303. Credit cannot be earned for both ECE 3303 and C&I 3703.

3713  Introduction to Content Area Reading  
       (3-0) 3 hours credit. Prerequisites: ENG 1033, EDU 3003, and EDP 3013.  
       Offers the opportunity to learn techniques for teaching vocabulary, comprehension, and
study skills in content areas. Formerly ECE 3313. Credit cannot be earned for both ECE 3313 and C&I 3713.

3723 **Skill Development in the Reading Program**  
(3-0) 3 hours credit. Prerequisite: C&I 3703.  
Study of children's perceptual and conceptual development in relation to the reading process. Exploration of relationships among child development, curriculum development, and skill development in reading. Formerly ECE 3323. Credit cannot be earned for both ECE 3323 and C&I 3723.

3733 **Reading Comprehension Skills**  
(3-0) 3 hours credit. Prerequisite: C&I 3713.  
Materials and methods for developing students' reading comprehension and functional literacy. Formerly EDU 3303. Credit cannot be earned for both EDU 3303 and C&I 3733.

3743 **Introduction to Reading Problems**  
(3-0) 3 hours credit. Prerequisite: C&I 3703.  
Study of and laboratory experience with reading problems in the classroom. Diagnosis and correction of specific reading skill disabilities. Formerly C&I 3746. Credit cannot be earned for both C&I 3743 and C&I 3746 or ECE 4043.

3783 **Psycholinguistics and Reading**  
(3-0) 3 hours credit. Prerequisite: C&I 3703.  
Application of psycholinguistic concepts to the teaching of reading. Relationships among cognitive processes, language processes, and reading instruction.

4706 **Practicum in Reading**  
(3-6) 6 hours credit. Prerequisite: 12 semester hours in Reading.  
Application of developmental procedures in small groups. Guided field-based experiences with weekly seminars designed to enrich the field experience. Formerly ECE 4936. Credit cannot be earned for both ECE 4936 and C&I 4706.

4911-3 **Independent Study**  
1-3 hours credit. Prerequisites: Permission in writing (form available) of the instructor, the student's advisor, and the Division Director and Dean of the College in which the course is offered.  
Independent reading, research, discussion, and/or writing under the direction of a faculty member. May be repeated for credit, but not more than 6 hours of independent study, regardless of discipline, will apply to a bachelor's degree.

4951-3 **Special Studies in Curriculum and Instruction**  
1-3 hours credit. Prerequisite: Consent of instructor.  
An organized course offering the opportunity for specialized study not often available as part of the regular course offerings. Special Studies courses may be repeated for credit when the topics vary, but not more than 6 hours within any one discipline will apply to a bachelor's degree.

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**COURSE DESCRIPTIONS**

**EARLY CHILDHOOD AND ELEMENTARY EDUCATION (ECE)**

3103 **Young Children's Literature and Storytelling**  
(3-0) 3 hours credit.  
Review of books, stories, and library materials including audio-visual materials and aids for young children. Students have the opportunity to become acquainted with books for the very young, their authors and illustrators. Criteria for selection and methods of presentation are stressed. Practice is given in reading and telling stories to children.

3113 **Play and Creative Activities in Early Childhood Education**  
(3-0) 3 hours credit.  
A multi-arts integrated approach to fostering the development of creative expression in young children through experiences in music, movement, dramatics, and play. Students develop materials, plan activities, share ideas and skills, and implement these with young children.
3123 Development and Learning in Early Childhood
(3-0) 3 hours credit.
The opportunity to study growth and development during infancy and early childhood. Review and integration of physical, social, emotional, and cognitive development of normal and developmentally handicapped children. Practice in observing and recording children’s learning experiences.

3133 Programs in Early Childhood Education
(3-0) 3 hours credit. Prerequisite: ECE 3123.

3203 Tests and Measurement for Early Childhood
(3-0) 3 hours credit. Prerequisite: ECE 3123.
Principles of making and using assessment and evaluation instruments for young children and early childhood programs. Functions and limitations of norm-referenced and criterion-referenced measures, standardized tests, and developmental tests.

3213 Language Arts in the Elementary School
(3-0) 3 hours credit. Prerequisites: ENG 1033, EDU 3003, and EDP 3013.
Study of communication processes in children’s elementary school experiences, emphasizing instructional planning as it relates to the individual’s language development and learning styles.

3223 Social Science in the Elementary School
(3-0) 3 hours credit. Prerequisites: Completion of the General Education Requirements in history and government, EDU 3003, and EDP 3013.
Planning for instruction in the social studies, including the examination and identification of concepts from the social sciences that are significant for children’s academic, social, and personal development.

3233 Mathematics in the Elementary School
(3-0) 3 hours credit. Prerequisites: MAT 1123, ECE 3213, ECE 3223, and ECE 4243.
Study of and practice in planning for the teaching of mathematics K-8 to normal and exceptional students. Specific attention given to content organization, the cognitive and affective development of students, the use of varied materials, questions, and teaching strategies.

4103 Guidance of Young Children in Groups
(3-0) 3 hours credit. Prerequisite: ECE 3123 or ECE 3203.
Study of basic teaching skills; play as education, curriculum areas, program planning, organization and evaluation, professional-ethical decision-making. Observations to be arranged.

4113 Language Development and Reading in Early Childhood Education
(3-0) 3 hours credit.
Introduction to theories of language and cognitive development in young children with implications for language instruction and beginning reading.

4123 Parents and Community Resources in Early Childhood and Elementary Education
(3-0) 3 hours credit. Prerequisite: ECE 3123, ECE 3133, or ECE 4103.
Study of methods of educating for parenthood including planning for parent workshops, group meetings, parent-teacher conferences, and supportive programs. Techniques of interviewing children and surveying family services and resources within the community.

4133 The Expressive Modes of Children in the Elementary School
(3-0) 3 hours credit. Prerequisites: MUS 3653, ECE 3213, ECE 3223, and ECE 4243.
Study of creative processes as they relate to the subject areas of the elementary school curriculum. Special attention given to formulating objectives, individualizing and personalizing instruction, promoting critical and creative thinking skills, and developing freedom in expression.

4213 Science in the Elementary School
(3-0) 3 hours credit. Prerequisites: Completion of the General Education Requirements in science, ECE 3213, ECE 3223, and ECE 4243.
Identification, analysis, selection, use, and evaluation of instructional objectives and of strategies for developing science concepts and inquiry skills in children of elementary school age.

4243 Second and Foreign Languages in the Elementary School
(3-0) 3 hours credit. Prerequisites: Completion of the General Education Requirements in foreign language or culture, EDU 3003, and EDP 3013.
Review of past and present attitudes, methods, and materials related to second and foreign language teaching in the elementary school. Study of processes of first and second language development, social and cultural influences on verbal and non-verbal interaction, and strategies for facilitating second language learning.

4911-3 Independent Study
1-3 hours credit. Prerequisites: Permission in writing (form available) of the instructor, the student’s advisor, and the Division Director and Dean of the College in which the course is offered. Independent reading, research, discussion, and/or writing under the direction of a faculty member. May be repeated for credit, but not more than 6 hours of independent study, regardless of discipline, will apply to a bachelor’s degree.

4951-3 Special Studies in Early Childhood and Elementary Education
1-3 hours credit. Prerequisite: Consent of instructor.
Organized course offering the opportunity for specialized study not normally or not often available as part of the regular course offerings. Special Studies courses may be repeated for credit when the topics vary, but not more than 6 hours within any one discipline will apply to a bachelor’s degree.

COURSE DESCRIPTIONS
EDUCATION
(EDU)

2001 Introduction to the School Environment
(1-0) 1 hour credit.
Field observation of learners with campus based discussions relating observations to implications for curricular content, behavioral expectations, value orientation, and individual and societal needs.

2013 Issues in American Education
(3-0) 3 hours credit.
Overview of the basic structure and cultural significance of American education; emphasis on the analysis of conflict, consensus and evaluation, and alternative policy responses. This course may not be counted toward Education degree requirements.

3003 Educational Sociology
(3-0) 3 hours credit. Prerequisite: EDU 2001 for students seeking the degree in Education.
Study of the ways in which the school can effectively use the social process in developing and educating the individual; the interrelationships of the school with the family, the church, and other societal agencies particularly in the social and cultural setting of the Southwestern United States.

4013 Classroom Climate in the Elementary School
(3-0) 3 hours credit. Prerequisite: Admission to the Professional Semester or permission of the Director of Student Teaching. Students must inform the Director of Student Teaching of their plans to enroll in this course one semester in advance.
Study of and practice in identifying and developing curricular materials, planning for instruction, developing effective elementary classroom climate, and evaluating instructional outcomes particularly in the context of the Southwestern United States; the methodology of instruction as related to specific disciplines. (This course may be offered in multiple sections according to the subject matter to be taught.)

4031 Media Technology
(1-0) 1 hour credit.
Introduction to the variety and uses of audio visual equipment, materials, and techniques in teaching.
4043-6 Student Teaching: Elementary
3 or 6 hours credit. Prerequisite: Admission to the Professional Semester or consent of the Director of Student Teaching. Students must inform the Director of Student Teaching of their plans to enroll in this course one semester in advance.
The opportunity for field-based experiences in the elementary school.

4053-6 Student Teaching: Secondary
3 or 6 hours credit. Prerequisite: Admission to the Professional Semester or consent of the Director of Student Teaching. Students must inform the Director of Student Teaching of their plans to enroll in this course one semester in advance.
The opportunity for field-based experiences in the secondary school.

4063 Student Teaching: Kindergarten
3 hours credit. Prerequisite: Admission to the Professional Semester or consent of the Director of Student Teaching. Students must inform the Director of Student Teaching of their plans to enroll in this course one semester in advance.
The opportunity for field-based experiences at the kindergarten level.

4072 Individualized Clinical Experiences
2 hours credit. Prerequisites: Admission to the Professional Semester and concurrent enrollment in EDU 4046 or EDU 4043 and EDU 4053 or the equivalent. Students must inform the Director of Student Teaching of their plans to enroll in this course one semester in advance.
A series of simulated and direct experiences planned to develop and improve competency components which have been identified as needs of individual students. The experiences are designed to provide opportunities for students to further investigate and apply strategies related to teaching/learning situations or to apply corrective measures to diagnosed areas of weaknesses.

4083-6 Student Teaching: Special Education
3 or 6 hours credit. Prerequisite: Admission to the Professional Semester or consent of the Director of Student Teaching. Students must inform the Director of Student Teaching of their plans to enroll in this course one semester in advance.
The opportunity for field-based experiences in a special education classroom.

4093 Teaching in the Secondary School
(3-0) 3 hours credit. Prerequisite: EDP 3013, EDU 3003, or consent of the instructor.
Study of and practice in identifying and developing curricular materials, planning for instruction, developing effective secondary classroom climate, and evaluating instructional outcomes, particularly in the context of the Southwestern United States; the methodology of instruction as related to specific disciplines. (This course may be offered in multiple sections according to the subject matter to be taught.)

4951-3 Special Studies in Education
1-3 hours credit. Prerequisite: Consent of instructor.
Organized course offering the opportunity for specialized study not normally or not often available as part of the regular course offerings. Special Studies courses may be repeated for credit when the topics vary, but not more than 6 hours within any one discipline will apply to a bachelor's degree.

COURSE DESCRIPTIONS

EDUCATIONAL PSYCHOLOGY (EDP)

3013 Growth, Development and Learning Theories
(3-0) 3 hours credit. Prerequisite or concurrent enrollment: EDU 2001 or consent of instructor.
Study of developmental psychology: human motivation and behavior, the relationships between development and learning, and the special nature of "exceptional" children and youth as learners.

3603 Introduction to Exceptionality
(3-0) 3 hours credit.
Study of the nature and characteristics of exceptional children; educational and thera-
peutic services for exceptional children at the local, state, national and international level, as well as a study of demographics, etiology, and efficiency of delivery systems of services for exceptional children.

3623 **Assessment of Exceptional Children**  
(3-0) 3 hours credit. Prerequisite: EDP 3603 or consent of instructor.  
An introduction to both formal and informal assessment procedures. Students are offered the opportunity to train to administer and evaluate the results of informal assessment devices in the areas of life skills, motor development, perception, language and academic subject areas.

3633 **Behavior Management of Exceptional Children**  
(3-0) 3 hours credit. Prerequisite: EDP 3603.  
A study of behavior management strategies and techniques to alter, improve, and maintain children's academic and social behaviors. Application of learning theory principles, measurement procedures, knowledge of divergent and convergent theories and practices regarding behavior change strategies, and current and significant research are emphasized.

3643 **Language and Cognitive Development and Dysfunction**  
(3-0) 3 hours credit. Prerequisite or concurrent enrollment: EDP 3603.  
Current theories in the areas of language development and cognition are studied in terms of their contribution to the development of a methodology for the education of the exceptional child. Educational programs in the areas of language and cognition are evaluated in terms of their theoretical basis and educational utility.

3653 **Practicum in Special Education (Introductory)**  
3 hours credit. Prerequisite or concurrent enrollment: EDP 3603 and EDP 3643.  
Observation and evaluation of educational procedures and services for exceptional children; observation and recording of the performance of children as learners.

3663 **Practicum in Special Education (Intermediate)**  
3 hours credit. Prerequisite or concurrent enrollment: EDP 3623 and EDP 3633.  
Working with teachers of exceptional children in developing, administering and evaluating assessment tools; planning language and learning sequences for children.

4013 **Measurement, Diagnosis and Prescription in Educational Settings**  
(3-0) 3 hours credit. Prerequisite: EDP 3013.  
Introduction to the area of study which includes analysis and theoretical basis of learning, the assessment of learners and learner needs, and the measurement of achievement.

4603 **Parents, Community Resources and Continuing Education for Exceptional Children**  
(3-0) 3 hours credit.  
Study of methods and techniques for working with parents of exceptional children and for affecting cooperative home, school, and community relations for the improvement of the child's life and environment.

4653 **Practicum in Special Education (Advanced)**  
3 hours credit. Concurrent enrollment: EDP 4603.  
Field work with teachers in planning and implementing educational sequences for exceptional children.

4951-3 **Special Studies in Educational Psychology**  
1-3 hours credit. Prerequisite: Consent of instructor.  
Organized course offering the opportunity for specialized study not normally or not often available as part of the regular course offerings. Special Studies courses may be repeated for credit when the topics vary, but not more than 6 hours within any one discipline will apply to a bachelor's degree.
1001 **Individual and Dual Physical Activity Sports**  
(0-3) 1 hour credit.  
Practice in the techniques of individual and dual sports. Individual sections focus on particular sports as indicated in the schedule of courses. May be repeated for credit, but not more than 6 hours of HPE 1001 alone or in combination with HPE 1101 will apply to a bachelor's degree.

1101 **Team Sports**  
(0-3) 1 hour credit.  
Practice in the techniques of team sports including the practice and development of team skills. Individual sections to focus on particular sports as indicated in the schedule of courses. May be repeated for credit, but not more than 6 hours of HPE 1101 alone or in combination with HPE 1001 will apply to a bachelor’s degree.

2001 **Skill Analysis in Physical Activity**  
(0-3) 1 hour credit.  
Specialized activity instruction involving skills, drills, rules and regulations, and skill performance in a variety of selected activities. May be repeated once for credit.

2303 **The Foundations of Physical Education**  
(3-0) 3 hours credit.  
Orientation of the physical educator to the profession. A study of history, philosophy, principles, objectives, and current concepts in physical education. Special examination of career potential within the profession. Formerly HPE 3403. Credit cannot be earned for both 2303 and 3403.

2331 **Physical and Motor Assessment**  
(0-3) 1 hour credit.  
The opportunity to develop individual physical fitness and motor ability profiles for students in physical education. Analysis of strengths and weaknesses in physical capacity.

2401 **Gymnastics**  
(0-3) 1 hour credit.  
Practice in gymnastic activities in a balanced physical education program. Formerly HPE 4433. Credit cannot be earned for both 2401 and 4433.

2411 **Rhythmic Activities and Dance**  
(0-3) 1 hour credit.  
Practice in rhythmic techniques in physical education and various types of dance.

2423 **Intramurals and Recreation Programming**  
(3-0) 3 hours credit.  
Organization and administration of intramural programs, intramural activities, scheduling procedures, tournaments, participation units, officiating, extramurals, and sports clubs.

2433 **Lifetime Sports**  
(3-0) 3 hours credit.  
Instruction in the development of skills in lifetime sports activities with emphasis on individual and dual sports. Introduction to instructional strategies used in teaching physical activity. Formerly HPE 3433. Credit cannot be earned in 2433 and 3433.

2503 **The Foundations of Health Education**  
(3-0) 3 hours credit.  
Study of the history, principles, objectives, and current concepts of health education. Formerly HPE 3503. Credit cannot be earned for both 2503 and 3503.

2513 **Personal and Family Health**  
(3-0) 3 hours credit.  
Overview of medical and scientific facts and principles applied to healthful living and prevention and control of diseases. Formerly HPE 4503. Credit cannot be earned for both 2513 and 4503.
3303 Athletic Injuries and Training Procedures
(3-0) 3 hours credit.
Prevention and care of athletic injuries. A study of training and conditioning for the team
and individual. Techniques and procedures for emergencies; diagnostic, preventive, and
remedial measures and organization of the training room facility.

3413 The Elementary School Physical Education Program
(3-0) 3 hours credit.
Selection of physical education activities for the elementary school program. Theory and
practice of methods and techniques pertinent to the elementary school program. Emphasis
on traditional teaching and its scope of activities.

3423 The Secondary School Physical Education Program
(3-0) 3 hours credit. Prerequisites: HPE 2303, HPE 2331, HPE 2433.
Selection of physical education activities for the secondary school. Theory and practice
of methods, techniques, teaching designs, and organizations in the secondary school
program.

3443 Principles of Exercise and Physical Fitness
(3-0) 3 hours credit.
Analysis of the nature of physical fitness, basic principles of exercise and concepts of
physical fitness. A study of methods and programs for developing and evaluating physi­
cal fitness.

3513 The Elementary School Health Program
(3-0) 3 hours credit.
Study of the health problems of elementary school students as a basis for health instruc­
tion; using the Texas Education Agency guidelines as a basis for planning.

3523 The Secondary School Health Program
(3-0) 3 hours credit.
Study of the health problems of secondary school students as a basis for health instruc­
tion; using the Texas Education Agency guidelines as a basis for planning.

3533 Drug Education
(3-0) 3 hours credit.
Study of the use and abuse of tobacco, alcohol, and other drugs; other mood and behav­
ior modifiers. An evaluation of motivation in drug abuse. Strategies for teaching drug
education.

3543 Physical Growth and Development
(3-0) 3 hours credit.
Review of physical growth and development as dynamic lifetime processes. The
changes in early adolescence and implications for teachers.

4113 Evaluation in Physical Education
(3-0) 3 hours credit. Prerequisite: Consent of instructor.
Applications of tests and measurement theory in physical education. Emphasis on selec­
tion and administration of appropriate tests and the interpretation of their results by
fundamental statistical procedures.

4343 Movement Education
(3-0) 3 hours credit.
Theory and practice of movement education to be used in the elementary school pro­
gram. Analysis of movement experiences with regard to perceptual motor development,
physical fitness, and sports skill development. In-depth study of activities, methods, and
techniques used in movement education.

4403 Motor Learning and Skill Performance
(3-0) 3 hours credit. Prerequisite: Consent of instructor.
Study of psychomotor learning, including motor learning theories, motor and skill learn­
ing, state of performer, and application of instructional techniques in motor learning and
skill performance. Introduction to psychological and sociological aspects of physical
activity.

4413 Coaching Interscholastic Athletics
(3-0) 3 hours credit. Prerequisite: Consent of instructor.
Theory of coaching pertinent to the interschool athletic program. Emphasis on organiza-
tion and administration in coaching. A study of content and techniques involved in coaching a variety of sports.

**4423 Adaptive Physical Education**  
(3-0) 3 hours credit. Prerequisite: Consent of instructor.  
Study of corrective and adaptive activities and programs for the exceptional child. Theory and implication of specific handicaps and disabilities with emphasis on adjustment. Application to exercise and sports programs.

**4513 Consumer Health**  
(3-0) 3 hours credit.  
Study of the consumer's selection of health products and services, and the acquisition of basic knowledge regarding consumer health with a view towards providing students with information that will help them make wise decisions when selecting professional health care, services, and products.

**4523 Teaching Sex Education**  
(3-0) 3 hours credit.  
Study of the teaching of human sexuality. Emphasis on the understanding of sexual drives and on methods for teaching sex education.

**4533 Nutrition Education**  
(3-0) 3 hours credit.  
Study of content, attitudes, and practices regarding nutrition and its effects on health and behavior. Study and assessment of methods of teaching nutrition to young people.

**4543 First Aid and Safety**  
(3-0) 3 hours credit.  
A study and evaluation of current first aid and safety skills and information. Emphasis on application of skill in emergency situations. Successful completion of required skills may lead to American Red Cross and American Heart Association certificates.

**4911-3 Independent Study**  
1-3 hours credit. Prerequisites: Permission in writing (form available) of the instructor, the student's advisor, and the Division Director and Dean of the College in which the course is offered.  
Independent reading, research, discussion, and/or writing under the direction of a faculty member. May be repeated for credit, but not more than 6 hours of independent study, regardless of discipline, will apply to a bachelor's degree.

**4951-3 Special Studies in Health and Physical Education**  
1-3 hours credit. Prerequisite: Consent of instructor.  
Organized course offering the opportunity for specialized study not normally or not often available as part of the regular course offerings. Special Studies courses may be repeated for credit when the topics vary, but not more than 6 hours within any one discipline will apply to a bachelor's degree.

**4956 Internship in Health or Physical Education**  
6 hours credit. Prerequisite: Consent of instructor.  
Supervised internship with selected health or recreational agencies. Recommended for students seeking the degree without teacher certification.
DIVISION OF BEHAVIORAL AND CULTURAL SCIENCES

The Division of Behavioral and Cultural Sciences offers bachelor of arts degrees in anthropology, history, psychology, and American studies. The latter degree is offered jointly with the Division of English, Classics, and Philosophy.

At least 36 credit hours of course work are required to fulfill a behavioral and cultural sciences major. The 36-hour total is considered a minimum, and students are encouraged to deepen and broaden their control of their field through careful allocation of some of their elective credit hours.

All behavioral and cultural sciences majors other than those in American studies require the student to complete six semester hours of support work. These courses, which require the advisor’s advance approval, should serve to introduce the student to aspects of the social sciences in addition to those entailed in the course work within the student’s major discipline.

At some point in the student’s junior or senior year, one of the several social science (SSC) courses is completed. These interdisciplinary courses typically involve intensive examination of some topic from the perspectives offered by two or more disciplines within the social sciences.

INTERNSHIP STUDY

Majors in the Division of Behavioral and Cultural Sciences may apply 3 or 6 semester hours of internship study to their baccalaureate program. Internship entails supervised experience within selected organizations in the San Antonio area. Placement is arranged by the Internship Coordinator of the College of Social and Behavioral Sciences. Supervision and grading of the internship experience is normally done by Division faculty members. Students from majors other than the Social Sciences are welcome to participate but should consult with their faculty advisors regarding the role of the internship within their own degree programs. Further information can be obtained from the Internship Coordinator.

DIVISIONAL HONORS

The Division of Behavioral and Cultural Sciences designates certain of its outstanding students as Honors students and provides the opportunity for advanced study under close faculty supervision.

Selection of students for admission to the Division Honors Program is based on: 1) the student’s academic performance, and 2) recommendation by the faculty of the student’s major discipline. To be eligible for the program students must have a minimum grade-point average of 3.00 overall at UTSA and a minimum grade-point average of 3.50 in their major at UTSA. The minimum grade-point averages must be maintained for students to receive the approval of the Division Honors Committee and the discipline faculty. Students admitted to the Honors program are expected to enroll in the appropriate Honors Thesis course during the final two semesters in residence. The completed thesis must be approved by the supervising faculty sponsor and another Divisional faculty member. Students interested in this program should contact their faculty advisors for additional information.
The minimum number of semester hours required for this degree, including the 42 hours of General Education Requirements, is 120. All candidates for the degree must complete:

A. 39 semester hours in courses approved by the American Studies Committee, 21 of which must be at the upper-division level.
   1. 18 semester hours of required courses are:
      a. AMS 2013 Basic Issues in American Culture
      b. AMS 3013 Main Currents in Pre-Industrial American Culture
      c. AMS 3023 Main Currents in Industrial American Culture
      d. 9 semester hours of AMS 4823 Topics in American Culture
   2. 21 semester hours of elective courses offered in other disciplines approved by the American Studies Committee.

B. 39 semester hours of electives.

COURSE DESCRIPTIONS

AMERICAN STUDIES
(AMS)

2013 Basic Issues in American Culture
(3-0) 3 hours credit. Prerequisites: Minimum of two of the following: ENG 1013, 1023, 1033; HIS 1013, 1023, 1033.
Opportunity to study the concept of American culture. Alternative definitions of culture will be examined, ranging from aesthetic uses (culture as the refinement of sensibilities through art, music, and literature) to the more inclusive usages of the term among social scientists.

3013 Main Currents in Pre-Industrial American Culture
(3-0) 3 hours credit. Prerequisite: AMS 2013 or consent of instructor.
Examines the major influences which shaped American culture in the pre-industrial era. Topics may include the impact of colonialism, the enlightenment, the frontier and other factors upon the development of a distinctive society.

3023 Main Currents in Industrial American Culture
(3-0) 3 hours credit. Prerequisite: AMS 2013 or consent of instructor.
Examines major trends in American culture during and after the industrial revolution, with special attention to the consequences of urbanization, industrialization, and secularization upon American society.

4823 Topics in American Culture
(3-0) 3 hours credit.
Topics vary and may include: Popular Culture, Science and Technology in American Life, Ethnic Contributions to American Culture, Western Americana. Two or more topics may be taken concurrently. May be repeated for credit when topics vary.

4911-3 Independent Study
1-3 hours credit. Prerequisites: Permission in writing (form available) of the instructor, the student's advisor, and the Division Director and Dean of the College in which the course is offered.
Independent reading, research, discussion, and/or writing under the direction of a faculty member. May be repeated for credit, but not more than 6 hours of independent study, regardless of discipline, will apply to a bachelor's degree.

4933-6 Internship in American Studies
3 or 6 hours credit. Prerequisite: Consent of internship Coordinator.
Supervised experience relevant to American Studies within selected community organi-

*Thirty-nine of the total semester hours required for the degree must be at the upper-division level.
zations. A maximum of 6 credit hours may be earned through Internship in American Studies.

4951-3 Special Studies in American Culture
1-3 hours credit. Consent of instructor.
An organized course offering the opportunity for specialized study not normally or not often available as part of the regular course offerings. Special Studies courses may be repeated for credit when topics vary, but not more than 6 hours within any one discipline will apply to a bachelor’s degree.

BACHELOR OF ARTS DEGREE IN ANTHROPOLOGY

The minimum number of semester hours required for this degree, including the 42 hours of General Education Requirements, is 120.15

All candidates for the degree must complete:

A. 30 semester hours in the major, 21 of which must be at the upper-division level.
   1. 12 semester hours of required courses are:
      a. ANT 1013 Man in Adaptation
      b. ANT 2013 Anthropological Inquiry: Archaeology and Physical Anthropology or ANT 2023 Anthropological Inquiry: Cultural Anthropology and Linguistics
      c. ANT 4973 Anthropology Senior Seminar
      d. 3 semester hours chosen from social science (SSG) courses.
   2. 9 semester hours are required in cultural anthropology, physical anthropology, and archaeology, with at least 3 hours in each, chosen in consultation with the student’s advisor.
   3. 9 additional semester hours of anthropology electives chosen in consultation with the student’s advisor. Some or all of these hours may be applied to the major from:
      HIS 3113 The American Indian
      LNG 3833 Sociology of Language
      PSY 3053 Cross-Cultural Psychology
      PSY 3633 Aggression
      SOC 3013 Social Stratification
      SOC 3133 Sociology of Pluralism in the Southwest
      SSC 3003 Social Research Methods
      SSC 3103 Major Theories of the Social Sciences
      STA 3013 Multivariate Analysis for the Life and Social Sciences

B. 6 semester hours of courses in the social sciences outside the major chosen with the consent of the advisor.

C. 42 semester hours of electives.

15Thirty-nine of the total semester hours required for the degree must be at the upper-division level.

Students seeking teacher certification should consult the Undergraduate Certification Programs in Education brochure for information.
COURSE DESCRIPTIONS

ANTHROPOLOGY

(ANT)

1013 **Man in Adaptation**
(3-0) 3 hours credit.
The study of man's culture, past and present; its origins, development, and contemporary change; and the explorations of man's physical and cultural differences, using the paradigm of adaptation.

2013 **Anthropological Inquiry: Archaeology and Physical Anthropology**
(3-0) 3 hours credit. Prerequisite: ANT 1013.
A problem-solving approach to classic and contemporary questions in archaeology and physical anthropology. Stress is on the nature of anthropological inquiry as reflected in these two fields.

2023 **Anthropological Inquiry: Cultural Anthropology and Linguistics**
(3-0) 3 hours credit. Prerequisite: ANT 1013.
A problem-solving approach to classic and contemporary questions in cultural anthropology and linguistics. Stress is on the nature of anthropological inquiry as reflected in these two fields.

3103 **Social Organization**
(3-0) 3 hours credit. Prerequisite: ANT 1013 recommended.
Comparative analysis of family and social organization, primarily among non-literate peoples.

3113 **World Ethnography**
(3-0) 3 hours credit.
A survey of peoples and cultures around the world, selected to illustrate the range of human social variation. (Formerly ANT 2113; credit cannot be earned for both 2113 and 3113).

3133 **Native Peoples of North America**
(3-0) 3 hours credit. Prerequisite: ANT 1013 recommended.
Native cultures of the North American continent, the effects of European expansion, and contemporary problems of American Indians.

3143 **Peoples and Societies of Latin America**
(3-0) 3 hours credit. Prerequisite: ANT 1013 recommended.
Contemporary peoples of indigenous, Mediterranean, and African origin inhabiting the Caribbean, Middle and South America.

3153 **Indians of the Great Plains**
(3-0) 3 hours credit. Prerequisite: ANT 1013 recommended.
An examination of the fundamental cultural transformation and florescence of Native American societies of the Great Plains following the introduction of the horse. Attention is given also to the subsequent retrenchment under the imposition of Anglo-American dominance, and the recent emergence of new forms of cultural expression within tribal and urban areas.

3163 **Anthropological Approaches to Medicine and Nursing**
(3-0) 3 hours credit. Prerequisite: ANT 1013 recommended.
The implications of selected core concepts for medicine, nursing, and health care research. For students intending to enter the health professions.

3173 **Ethnomedicine, Theory and Applications**
(3-0) 3 hours credit. Prerequisite: ANT 1013 recommended.
Integration of socio-cultural and medical approaches to health maintenance based on cross-cultural and contemporary urban research. Evidence for the efficacy of non-Western medical practices, the interaction of medical systems in bi-ethnic social situations, cross-cultural studies of mental health and the analysis of cross-ethnic programs of medical care receive attention.

3183 **Peasant Societies and Modernization**
(3-0) 3 hours credit. Prerequisite: ANT 1013 or consent of instructor.
Anthropological theory, models, and findings relative to peasants distributed world-wide.
and viewed as a social type. Particular attention is given to the structure of stratified plural societies and to the role of power in modernization.

3223 Cultural Ecology
(3-0) 3 hours credit. Prerequisite: ANT 1013 recommended. Man's adaptation to environment and his interaction with it, comparing simple and complex societies in various environmental contexts.

3253 The Archaeology of South America
(3-0) 3 hours credit. Prerequisite: ANT 1013. The origins and development of the native cultures of South America, and their relationships to the cultural areas of Central America and the Caribbean. Emphasis on the variety of cultural forms and cultural evolution. The roles of demography, subsistence systems, militarism, religion and other factors in the rise of South American cultures will be discussed.

3263 Archaeology of North America
(3-0) 3 hours credit. Prerequisite: ANT 1013. Survey of prehistoric cultures in North America from earliest times to historic contact; chronology; settlement and subsistence patterns; technology.

3273 Ancient Civilizations of Mexico, Guatemala, and Central America
(3-0) 3 hours credit. Prerequisite: ANT 1013. Examination of the development of the ancient civilizations of Mexico and Central America: Olmec, Teotihuacan, Maya, Toltec, Aztec.

3283 Native Cultures of the American Southwest
(3-0) 3 hours credit. Prerequisite: ANT 1013. The native American Indian cultures of the Southwestern United States are studied from various perspectives: prehistoric development; ethnography; current status.

3403-6 Field Course in Archaeology
3 or 6 hours credit. Prerequisites: Upper-division standing, consent of instructor, and at least one previous anthropology or archaeology course. Offers the opportunity to gain intensive training in archaeological field methods: excavation, site survey, mapping, sampling, interpretation. Additional fees are required. May be repeated for credit with advisor's permission, but not more than 6 hours may be applied to the major.

3503 Human Origins
(3-0) 3 hours credit. Prerequisite: ANT 1013 recommended. The fossil record of sapient emergence and the development of races.

3513 Human Populations
(3-0) 3 hours credit. Prerequisite: ANT 2013. The physical anthropology of human populations including human genetics, functional anatomy, evolution, demography, phenotypic diversity applied to both prehistoric and contemporary populations.

3613 Cross-Cultural Studies of Socialization
(3-0) 3 hours credit. Prerequisite: ANT 1013. Examination and evaluation of anthropological and psychological comparative studies of child-rearing and enculturation in selected cultures.

3623 Primate Behavior
(3-2) 3 hours credit. Prerequisite: ANT 1013 or consent of instructor. Analysis of learning, development, social and abnormal behavior among the various primate species. Observational projects at the San Antonio Zoo are part of this course.

3643 Archaeometry
(3-0) 3 hours credit. Prerequisite: ANT 1013. Application of the physical and chemical sciences to archaeological problems; examination of selected topics: trade, technology, dating, settlement patterns, seasonality of occupations.

3653 Primitive Technology
(3-0) 3 hours credit. Prerequisite: ANT 1013. Lectures and demonstrations illustrating the technology of ancient and contemporary
pre-industrial peoples: tool manufacture and use; making artifacts of wood, stone, and metals; social and economic aspects of primitive technologies; craft specialization; subsistence and settlement technology.

3663 **Hunters and Gatherers**  
(3-0) 3 hours credit. Prerequisite: ANT 1013.  
A study of the lifeways of hunting and gathering peoples around the world. Emphasis is placed on prehistoric hunters and gatherers, leading to an examination of archaeological data, and problems in interpretation. Contemporary hunting and gathering populations are also studied.

3673 **Ancient Civilizations of the Near East, Egypt, and Europe**  
(3-0) 3 hours credit. Prerequisite: ANT 1013.  
Development of agriculture and village life; beginnings of civilization in the Near East and Mediterranean; comparisons with Mesoamerica, India, and China; rise of civilization in the Nile Valley.

4113 **Archaeology of Texas**  
(3-0) 3 hours credit. Prerequisite: ANT 3263.  
Detailed review of prehistoric and historic aboriginal cultures of Texas and adjacent areas: current trends in Texas archaeology; examination of artifacts and field trips to local prehistoric sites.

4163 **The City as Artifact**  
(3-0) 3 hours credit.  
The physical and material aspects of the city are examined as responses to, and influences upon, individual and group behavior in urban centers. Attention given to deliberate attempts to shape the urban environment to effect change in urban society.

4403 **Laboratory Analysis in Anthropology**  
(2-4) 3 hours credit. Prerequisites: ANT 3403 or ANT 3406 and consent of instructor.  
Supervised analysis of field data; methods of analysis; research techniques; preparation of reports. May be repeated for an additional three hours of credit with consent of instructor.

4911·3 **Independent Study**  
1-3 hours credit. Prerequisites: Permission in writing (form available) of the instructor, the student's advisor, and the Division Director and Dean of the College in which the course is offered.  
Independent reading, research, discussion, and/or writing under the direction of a faculty member. May be repeated for credit, but not more than 6 hours of independent study, regardless of discipline, will apply to a bachelor's degree.

4933·6 **Internship In Anthropology**  
3 or 6 hours credit. Prerequisite: Consent of internship coordinator.  
Supervised experience relevant to anthropology within selected community organizations. A maximum of 6 credit hours may be earned through Internship in Anthropology.

4951-3 **Special Studies in Anthropology**  
1-3 hours credit. Prerequisite: Consent of instructor.  
An organized course offering the opportunity for specialized study not normally or not often available as part of the regular course offerings. Special Studies courses may be repeated for credit when the topics vary, but not more than 6 hours within any one discipline will apply to a bachelor's degree.

4973 **Anthropology Senior Seminar**  
(3-0) 3 hours credit. Prerequisite: Senior standing as an anthropology major.  
A seminar reserved to anthropology majors during their senior year. Areas of significant new research in each subfield of the discipline will be reviewed in conjunction with individualized research projects.

4993 **Honors Thesis**  
3 hours credit. Prerequisite: Enrollment limited to candidates for honors in anthropology during their last two semesters; completion of honors examination and approval by the Honors Program coordinator.  
Supervised research and preparation of an honors thesis. May be repeated once with advisor's approval.
BACHELOR OF ARTS DEGREE IN HISTORY

The minimum number of semester hours required for this degree, including the 42 hours of General Education Requirements, is 120.¹⁶

All candidates for the degree must complete:

A. 30 semester hours in the major, 21 of which must be at the upper-division level.
   1. 27 semester hours of required courses are:
      a. 6 semester hours from courses numbered HIS 2503-2693 covering different continental areas.
      b. 18 additional semester hours of history electives chosen in consultation with the student's advisor. 15 of these must be at the upper division level in two continental areas, with at least 6 hours in each area. A maximum of 6 semester hours may be applied to the major and to the corresponding areas from:
         ANT 3673 Ancient Civilizations of the Near East, Egypt, and Europe
         ECO 3163 Development of Economic Thought
         ECO 3183 Economic Development of the United States
         ECO 3303 Theories of Economic Progress
         POL 3133 Political Philosophy: Ancient and Medieval
         POL 3143 Political Philosophy: Modern
         POL 3323 Constitutional Law
         PSY 4003 History of Psychology
         SOC 3173 Economy and Society
         SOC 3363 The Sociology of Knowledge
         SSC 3143 Women in American Life
         SSC 3533 Inter-American Relations
      c. HIS 4973 Seminar in History
   2. 3 semester hours chosen from social science (SSC) courses.

B. 6 semester hours of social science courses outside the major, chosen with the consent of the advisor.

C. 42 semester hours of electives.

COURSE DESCRIPTIONS
HISTORY
(HIS)

1013 United States History 1607-1789
(3-0) 3 hours credit.
American history from colonization through the Constitution, with emphasis on the development of political and social systems and the impact of social change on political events. Applies to the legislative requirement for United States history.

1023 United States History 1789-1896
(3-0) 3 hours credit.
The social, economic, and political development of the new American nation into a mature industrial society. Applies to the legislative requirement for United States history.

¹⁶Thirty-nine of the total semester hours required for the degree must be at the upper-division level.
1033  United States History 1896 to the Present  
(3-0) 3 hours credit.  
Domestic politics and foreign affairs in the twentieth century are examined in relation to socio-economic developments. Topics include the Progressive Reform, World War I and post-war problems, the Twenties, the Depression and the New Deal, World War II and the Cold War and the American Society since 1945. Applies to the legislative requirement for United States history.

2053  History of Texas Since 1836  
(3-0) 3 hours credit.  
A consideration of the regional history of the Southwest, with particular attention to the history of Texas during the period of independence and afterward, the annexation of the Southwest by the United States, and the political and economic development of the region in the late nineteenth and twentieth centuries. Applies to the legislative requirement for Texas history.

2063  History of American Foreign Policy  
(3-0) 3 hours credit.  
An examination of the emergence of America as a world power and its subsequent activities in the affairs of nations. Particular emphasis is placed on the domestic roots of American diplomacy.

2533  Latin America Since 1492  
(3-0) 3 hours credit.  
An introduction to Latin American civilization through an analysis of pre-Hispanic civilization, the Spanish Conquest, colonialism, race relations, and political ideologies. (Formerly HIS 2543; credit cannot be earned for both 2533 and 2543).

2563  The Middle East Since 622 A.D.  
(3-0) 3 hours credit.  
An introduction to Islamic civilization since the time of Mohammed. This course will emphasize social values, cultural achievements, and enduring sources of conflict such as forms of political organization, modernization, and changing varieties of empire.

2573  Survey of African History  
(3-0) 3 hours credit.  
An introduction to African cultures emphasizing the impact of colonialism and independence.

2603  Western Civilization to 1648  
(3-0) 3 hours credit.  
A survey of the social, cultural, political, and economic development of Europe from its beginnings to upheavals of the seventeenth century. (Formerly HIS 2503. Credit cannot be earned for both 2503 and 2603.)

2613  Western Civilization Since 1648  
(3-0) 3 hours credit.  
A survey of the development of modern Europe with an emphasis on social, political, and economic transformation and the growth of new ways of understanding relationships of people to each other and to the natural world. Some attention will also be given to relationships between Europe and the Americas. (Formerly HIS 2513, credit cannot be earned for both 2513 and 2613).

3003  Colonial America and the Formation of American Society  
(3-0) 3 hours credit.  
An examination of the development and transformation of colonial societies in the seventeenth and eighteenth centuries, with special emphasis on family and community studies as a measure of social change. Applies to the legislative requirement for United States history.

3023  American Independence and National Unity, 1760-1820  
(3-0) 3 hours credit. Prerequisite: HIS 1013 or consent of instructor.  
Origins of the American Revolution, the Revolutionary War, the struggle for unity, and the early years of nationhood. Applies to the legislative requirement for United States history.
3033  **American Reform**  
(3-0) 3 hours credit.  
An analysis and comparison of the origins and development of American reform from 1730 to the New Deal, such as the Great Awakening, anti-slavery, temperance, abolitionism, Populism, Progressivism, and the New Deal. Applies to the legislative requirement for United States history.

3063  **The Borderlands 1521-1821**  
(3-0) 3 hours credit.  
Spanish exploration and colonization of the northern frontiers of New Spain. The introduction of Hispanic institutions and the development of a frontier society.

3073  **The Mexican Borderlands/The American Southwest**  
(3-0) 3 hours credit.  
The American Westward Movement into the Southwest, the settlement and development of the area as well as its political history are considered in relation to national trends. Special attention is given to the area as a meeting place of various European, American and Asian ethnic groups and to their cultural institutions and traditions.

3083  **History of the American West**  
(3-0) 3 hours credit.  
An examination of the American Westward Movement in the 19th and 20th centuries. Topics may include the conquest and settlement of the territory, the relationship of the new territory to the nation, patterns of economic development, community-building, population diversity, and the symbol of the frontier.

3093  **United States Constitutional History**  
(3-0) 3 hours credit.  
Constitutional developments from the formation of the state and federal constitutions to Watergate. Particular attention is paid to the context of judicial decision-making at the Supreme Court level and the impact of those decisions on American life. Complements POL 3323, Constitutional Law. Applies to the legislative requirement for United States history.

3103  **History of Labor in the United States**  
(3-0) 3 hours credit.  
An examination of factors antecedent to the rise of organized labor, the early unionizing efforts and their results, the legalization of collective bargaining, institutionalization of the union movement, and the rise of new labor interest groups.

3113  **The American Indian**  
(3-0) 3 hours credit.  
A history of the American Indian since European contact to the present. Attention is given to the internal cultural, economic and political developments within the different Indian groups as well as to the European and American developments and policies affecting the Indian.

3123  **History of Texas: The Colonial and Mexican Periods and the War of Independence**  
(3-0) 3 hours credit.  
Texas history from the seventeenth century through the War of Independence in 1836, emphasizing the Spanish and Mexican backgrounds of Texas and the changes which preceded Texas' independence. Applies to the legislative requirement in Texas history.

3133  **History of Minorities in the Southwest**  
(3-0) 3 hours credit.  
An interpretation of the development of ethnic enclaves in the Southwest. Special attention to ethnic institutions and traditions as well as to inter-ethnic relations with special emphasis on Mexican Americans.

3153  **The City in the Making of America**  
(3-0) 3 hours credit.  
A study of urban growth since 1625. The course examines the social, economic, and political life of three phases in United States urbanization: the colonial city, the industrial city, and the modern metropolis. The effects of urban changes on the lives of city dwellers and on the ways in which cities have influenced national development.
3163 The Stranger in America  
(3-0) 3 hours credit.  
An examination of immigrants and their reception in American society from the eighteenth century to the present, including the immigrants’ motives for moving to the United States, the problems they encountered in adjusting to their new surroundings, and the contributions they made to the nation’s development.

3173 Modern America  
(3-0) 3 hours credit.  
Modern America since World War I is examined in relation to the socio-economic forces and the political trends of the twentieth century. Topics include social change, evolving political functions and structures and the new American role in the world order. Applies to the legislative requirement for United States history.

3183 Law and American Development  
(3-0) 3 hours credit.  
The impact of law from colonial times to the present. Particular attention will be paid to the impact of law on social change, economic growth, and political development. Applies to the legislative requirement for United States history.

3193 The South in American History  
(3-0) 3 hours credit.  
Development of a southern identity, slavery, Civil War and Reconstruction, Jim Crowism, the Civil Rights Movement, with emphasis on the period since 1815.

3203 Britain Since 1660  
(3-0) 3 hours credit.  
A survey of modern British history, emphasizing political, social and intellectual factors in Britain’s past.

3213 France Since 1750  
(3-0) 3 hours credit.  
Introduction to the culture, politics and life of France. Intensive examination of a central event in European history, the French Revolution, and its role in the formation of modern France.

3233 Germany Since 1806  
(3-0) 3 hours credit.  
The history of Germany since the Battle of Jena, emphasizing the crisis of the Prussian state, the effects of industrialization, the rise of German culture, Germany’s unification and attainment of world power, and Germany’s history since World War I.

3263 Seventeenth and Eighteenth Century Europe  
(3-0) 3 hours credit.  
A survey of European history emphasizing France and the impact of the Enlightenment and the French Revolution in shaping modern political ideology, social values and culture.

3273 Medieval Europe  
(3-0) 3 hours credit.  
A study of European society from the fall of the Roman empire to the eve of the Renaissance. Attention to the growth of Christianity in Europe, changing forms of political, economic and social organization, and intellectual and cultural developments.

3283 European History Since 1789  
(3-0) 3 hours credit.  
Trends in European political, social, and economic developments since the French Revolution. Topics may include the effects of the Revolution; the rise of Napoleon; the industrial revolution; the revolts of 1848; World War I and II; and cultural and diplomatic history.

3293 Imperial Spain  
(3-0) 3 hours credit.  
Iberian history from the evolution of the northern kingdoms to the early 19th century. Topics may include the growth and development of Castile and Aragon, Hapsburg imperialism, the Bourbon reformers, and the collapse of the monarchy and the rise of the Carlist movement. (Formerly HIS 3243; credit cannot be earned for both 3243 and 3293).
3303 **History of Mexico**  
(3-0) 3 hours credit.  
The development of the Mexican nation and culture from the Aztecs to the present.

3403 **Pre-Hispanic and Colonial Latin America**  
(3-0) 3 hours credit.  
A study of political, economic, social, and cultural development in Latin America to the end of Spanish and Portuguese colonial rule.

3413 **Modern Latin America**  
(3-0) 3 hours credit.  
Latin America from 1808 to the present. Topics may include: the struggle for independence; the post-independence disorders; the neo-colonial regime 1850-1930; revolution and counter-revolution; populism and naturalism; urbanization and industrialization; imperialism, authoritarianism, and revolution in the contemporary era.

3503 **The Expansion of Europe, 1415-1800**  
(3-0) 3 hours credit.  
A survey of European exploration, cultural and economic expansion, colonization, and imperialism.

3523 **European Cultural History**  
(3-0) 3 hours credit.  
Introduction to various aspects of the European cultural heritage, focusing on the interaction between society and culture. Topics may include popular culture, the arts, philosophy, science, social theory, ideology, and mass media.

3543 **History of Modern Warfare**  
(3-0) 3 hours credit.  
Survey of the major developments in the history of war since the Napoleonic era. Analyses of the social, economic, and political context in which wars have occurred. Emergence of new forms of weaponry, strategy, logistics, and tactics.

3583 **Revolutions in History**  
(3-0) 3 hours credit.  
Using various case studies selected by the instructor, this course will examine the changing goals and methods of revolutionaries from the late eighteenth century to modern times.

3713 **The Middle East in Crisis**  
(3-0) 3 hours credit.  
This course will deal with the historical background to the Arab-Israeli dispute, the Middle East’s relations with colonial and other major powers, and the area’s problems with industrialization and modernization.

3723 **The European Renaissance**  
(3-0) 3 hours credit.  
The cultural achievements in Italy and northern Europe from the 14th to the 16th centuries and their economic, social, and political ramifications. (Formerly HIS 3513; credit cannot be earned for both 3513 and 3723.)

3733 **Europe in the Age of the Reformation**  
(3-0) 3 hours credit.  
Culture, religion, and society in Europe in the 16th century. (Formerly HIS 3513; credit cannot be earned for both 3513 and 3733.)

3743 **Russia, 1682-1917**  
(3-0) 3 hours credit.  
The development of Russia from the accession of Peter the Great to the outbreak of the Russian Revolution. (Formerly HIS 3223; credit cannot be earned for both 3223 and 3743.)

3753 **Soviet Russia Since 1917**  
(3-0) 3 hours credit.  
The evolution of Soviet Russia from the revolution of 1917 to the present. A critical analysis of the building of a socialist society in the Soviet Union and the relationship of Soviet Russia to the outside world. (Formerly HIS 3223; credit cannot be earned for both 3223 and 3753.)
4113 American Intellectual History
(3-0) 3 hours credit.
Major intellectual trends in American society. Time periods covered and specific topical
analysis will vary with the instructor.

4123 History of Medicine in the United States
(3-0) 3 hours credit.
Social and cultural dimensions of American medicine from colonial times to the present.
Topics may include medical education, licensing, midwifery, attitudes toward contraception
and abortion, the rise of the hospital, the emergence of specialization, women and
minorities in the profession, "irregular" medicine, and the debate over social medicine.

4133 History of Religion in the United States
(3-0) 3 hours credit.
Religious behavior, ideas, and institutions in American society from colonial times to the
present, with special emphasis on periods of religious change, including the First and
Second Great Awakening, the Social Gospel, and the New Religious Consciousness.

4213 History of America's Urban Renaissance
(3-0) 3 hours credit.
A study of the social, economic, and political factors which contributed to the redevelopment
of cities in the twentieth century. Examines San Antonio's redevelopment as a case
study of national trends.

4303 History of Urban Crime in America
(3-0) 3 hours credit.
This course explores the changing nature of the criminal underworld as it has responded
to broad socioeconomic processes in American urban society since 1800. Topics in­clude a consideration of street crime, juvenile delinquency, and professional thieves; an
examination of changing perceptions of narcotics use; and an extensive analysis of the
origins and development of organized crime.

4911-3 Independent Study
1-3 hours credit. Prerequisites: Permission in writing (form available) of the instructor, the
student's advisor, and the Division Director and Dean of the College in which the course
is offered.
Independent reading, research, discussion, and/or writing under the direction of a faculty
member. May be repeated for credit, but not more than 6 hours of independent study,
regardless of discipline, will apply to a bachelor's degree.

4933-6 Internship in History
3 or 6 hours credit. Prerequisite: Consent of Internship Coordinator.
Supervised experience relevant to history within selected community organizations. A
maximum of 6 credit hours may be earned through Internship in History.

4951-3 Special Studies in History
1-3 hours credit. Prerequisite: Consent of instructor.
An organized course offering the opportunity for specialized study not normally or not
often available as part of the regular course offerings. Special Studies courses may be
repeated for credit when the topics vary, but not more than 6 hours within any one
discipline will apply to a bachelor's degree.

4973 Seminar in History
(3-0) 3 hours credit. Prerequisite: Consent of instructor. Enrollment limited to juniors and
seniors majoring in history.
The opportunity for an intensive study of a selected topic. Primary emphasis on super­
vised research on various aspects of the topic.

4993 Honors Thesis
3 hours credit. Prerequisite: Enrollment limited to candidates for honors in history during
their last two semesters; completion of honors examination and approval by the Honors
Program coordinator.
Supervised research and preparation of an honors thesis. May be repeated once with
advisor's approval.
BACHELOR OF ARTS DEGREE IN PSYCHOLOGY

The minimum number of semester hours required for this degree, including the 42 hours of General Education Requirements, is 120.17

All candidates for the degree must complete:

A. 30 semester hours in the major, 21 of which must be at the upper-division level.

1. 15 semester hours of required courses are:
   a. PSY 2013 Fundamentals of Psychology
   b. 3 semester hours from courses numbered PSY 2503-2533
   c. 3 semester hours from courses numbered PSY 2543-2593
   d. PSY 3003 Laboratory Methods and Experimental Designs in Psychological Research
   e. 3 semester hours chosen from Social Science (SSC courses)

2. 15 semester hours of psychology electives, chosen in consultation with the student's advisor. A maximum of nine semester hours may be applied to the major from:

   ANT 3613 Cross-Cultural Studies of Socialization
   ANT 3623 Primate Behavior
   BIO 3083 Biosocial Genetics
   BIO 3213 Animal Ecology
   BIO 3221 Animal Ecology Laboratory
   COM 3083 Language and Communication Theory
   LNG 3843 Psychology of Language
   MGT 3253 Interpersonal Communication
   PHI 3033 Philosophy of Science
   POL 3263 Political Socialization
   SOC 3053 Deviance and Conformity
   SOC 3253 Theories of the Individual and Society
   SOC 3293 Sex Roles
   SSC 3003 Social Research Methods
   SSC 4373 Program Evaluation
   STA 3013 Multivariate Analysis for the Life and Social Sciences

B. 6 semester hours of courses in the social sciences outside the major, chosen with the consent of the advisor.

C. 42 semester hours of electives.

COURSE DESCRIPTIONS

PSYCHOLOGY
(PSY)

1013 Methods of Knowledge
(3-0) 3 hours credit.
An application of contemporary research on human information processing to the design and evaluation of academic skills. Lectures will focus on the analysis of common beliefs about the nature of effective learning strategies and about the basis for individual differences in academic performance.

17Thirty-nine of the total semester hours required for the degree must be at the upper-division level.
2013 Fundamentals of Psychology  
(3-0) 3 hours credit.  
Introduction to the study of the mind and behavior with attention to awareness, discrimination, sensation, perception, emotion, motivation, learning, memory, problem-solving, personality, mental and behavioral development, abnormal behavior, and behavior in group settings. Participation in illustrative research required.

2503 Developmental Psychology  
(3-0) 3 hours credit. Prerequisite: PSY 2013 or consent of instructor.  
Problems, methods and results in the study of the psychological development of the individual from the prenatal period to old age.

2513 Abnormal Psychology  
(3-0) 3 hours credit. Prerequisite: PSY 2013 or consent of instructor.  
Dynamics of abnormal behavior, with attention to neurotic personality, neurotic symptom formation and psychosomatic disorders. Further topics include the effects of brain injuries and the major psychoses.

2523 Personality  
(3-0) 3 hours credit. Prerequisite: PSY 2013 or consent of instructor.  
Problems, methods, major theories, and results in the study of development and maintenance of typical modes of behavior and dynamics of adjustment.

2533 Social Psychology  
(3-0) 3 hours credit. Prerequisite: SOC 1013 or PSY 2013 or consent of instructor.  
Problems, methods, major theories, and results in the study of social interaction and interpersonal influence: self-identity, values and attitudes, role behavior, social-perception and behavior within groups.

2543 Theories of Learning  
(3-0) 3 hours credit. Prerequisite: PSY 2013 or consent of instructor.  
Alternative theories of the acquisition, elimination and maintenance of behavior and the effects of previous experience on responses to new situations. Varieties of practical applications of laboratory findings and variables influencing applicability are considered.

2553 Perception  
(3-0) 3 hours credit. Prerequisite: PSY 2013 or consent of instructor.  
Consideration of the various means by which patterns of light and sound are transformed into perception of an environment, with emphasis on vision. Topics include psychophysics, color vision, elementary sensory physiology, perceptual development, illusions, pattern recognition, information processing, and the role of social and cultural factors in perception.

2563 Physiological Psychology  
(3-0) 3 hours credit. Prerequisite: PSY 2013 or consent of instructor.  
The biological, particularly neurophysiological, bases of human behavior and cognition, the structure and organization of the nervous system, and the effect of the latter on perception, memory, learning, motivation and emotion.

2573 Thinking and Creativity  
(3-0) 3 hours credit. Prerequisite: PSY 2013 or consent of instructor.  
The processes of reasoning, concept formation, language, problem-solving, and creativity. Topics may include the role of logic in thinking, information processing models of problem-solving, and techniques influencing creativity.

3003 Laboratory Methods and Experimental Designs in Psychological Research  
(3-0) 3 hours credit. Prerequisites: PSY 2013, two courses from PSY 2503-2573, and STA 1053 or equivalent; prior or concurrent enrollment in STA 1993 recommended.  
This course is designed to offer students the opportunity to familiarize themselves with representative experimental designs employed in psychological research, to provide instruction in the choice of appropriate designs, to provide the opportunity to develop skills in the analysis of published research, and to offer an introduction to techniques for collecting and analyzing data.

3013 Psychological Measurement  
(3-0) 3 hours credit. Prerequisites: PSY 2013 and STA 1053 or consent of instructor.  
The application of quantitative and qualitative measures to psychological data, interpretational strategies, and assessments of validity and reliability.
3023 Social Psychology of Small Groups
(3-0) 3 hours credit. Prerequisite: PSY 2533 or consent of instructor.
Theory and modern research in the social psychology of diads, triads, and small groups. Group dynamics, balance theory, non-verbal communication and small group research design are given particular attention.

3043 Comparative Psychology
(3-0) 3 hours credit. Prerequisite: PSY 2013 or consent of instructor.
Comparative study of the social behavior of various species of animals, including man, from a phylogenetic perspective.

3053 Cross-Cultural Psychology
(3-0) 3 hours credit. Prerequisites: PSY 2013 and 3 hours Anthropology or consent of instructor.
Perception, learning, cognition and thinking, personality and social behavior from a cross-cultural perspective.

3103 Cognition
(3-0) 3 hours credit. Prerequisites: PSY 3003, and one of the following: PSY 2543, 2553, 2563, or 2573.
Examination of current theories about how knowledge is represented in the mind. Emphasis will be placed on the processes by which stimuli are identified, by which past information is retrieved and utilized, and by which one's knowledge is modified.

3113 Motivation
(3-0) 3 hours credit. Prerequisite: Junior standing or consent of instructor.
Examination of causal and purposive accounts of human behavior, and of the biological and learned foundations of motivation. Particular emphasis is given to the causes of volitional behavior.

3123 Attitudes
(3-0) 3 hours credit. Prerequisite: PSY 2533 or consent of instructor.
Consistency and learning models of attitude acquisition and change. Theories and research on the relationships between attitudes and behavior with attention to various techniques of attitude measurement.

3203 Industrial Psychology
(3-0) 3 hours credit. Prerequisite: Junior standing or consent of instructor.
Applications of psychological knowledge to industrial problems such as personnel selection, employee motivation and satisfaction, and the influence of organizations on behavior. The role of psychology in industry.

3513 Psychopathology and Childhood
(3-0) 3 hours credit. Prerequisite: PSY 2513 or consent of instructor.
Clinical findings and experimental research regarding childhood behavior problems, including hyperkinesis, infantile autism, childhood schizophrenia, and withdrawal reactions. Additional topics include family influences on development of abnormal behavior and various psychotherapeutic techniques.

3523 Psychology of Aging
(3-0) 3 hours credit. Prerequisite: PSY 2503 or consent of instructor.
Traditional and modern approaches to the social, institutional, neurological, and physical bases of aging.

3533 Behavior Change and Psychotherapy
(3-0) 3 hours credit. Prerequisite: PSY 2513 or consent of instructor.
Classic and modern theories and related research on the process of behavior and value change, particularly in the contexts of rehabilitation and psychotherapy. Comparison of various models and their empirical support, the definition of progress and cure, and the linkage of attitude and value change to behavior change.

3633 Aggression
(3-0) 3 hours credit. Prerequisites: ANT 1013, PSY 2013 or consent of instructor.
Survey of social and psychological data, findings and theory on aggression, both human and non-human.

3903 Advanced Psychological Research
(2-2) 3 hours credit. Prerequisites: PSY 3003, STA 1053, and one of STA 1993, CS 1073, or CS 1714 (or CS 1711 and 1713), or consent of instructor.
Provides the opportunity for the student to conduct current research in a sub-area of
psychology under the instructor's supervision. Lectures will include a review of previous research in the sub-area and discussion of research design, data collection, data analysis, and the reporting of research.

4003 History of Psychology
(3-0) 3 hours credit.
The development of major theoretical positions and research strategies in psychology from the ancient Greeks to the present with emphasis on the development of scientific psychology since the late nineteenth century.

4103 Prejudice
(3-0) 3 hours credit. Prerequisite: PSY 2533 or consent of instructor.
Consideration of social psychological and personality factors in prejudice and stereotyping, and their interaction with cultural factors in producing racism and other prejudices.

4113 Cognitive Development
(3-0) 3 hours credit. Prerequisite: PSY 2503 or consent of instructor.
The development of perception, memory, and thinking in children, with attention to the roles of experience and maturation in development of thought, and to the validity of the concept of cognitive stages, particularly Piagetian models.

4133 Social and Personality Development
(3-0) 3 hours credit. Prerequisite: PSY 2503 or consent of instructor.
Social and personality development across the life-span. Topics may include sex-role development, child rearing, achievement, and the influence of peers. Socialization into different social roles may also be considered. Credit cannot be earned for both PSY 4133 and either PSY 3283 or PSY 4123.

4143 Memory
(3-0) 3 hours credit. Prerequisites: PSY 3003 and one of the following: PSY 2543, 2553, 2563, or 2573, or consent of instructor.

4153 Attention
(3-0) 3 hours credit. Prerequisites: PSY 3003 and one of the following: PSY 2543, 2553, or 2573, or consent of instructor.
Mechanisms for selectively attending to only part of the perceptual information available and for simultaneous attentions to several perceptual sources. Special consideration of the role of stimulus characteristics, perceptual structures, and individual cognitive differences.

4203 Prosocial Behavior
(3-0) 3 hours credit. Prerequisite: PSY 2533, or consent of instructor; PSY 3003 recommended.
Cooperation, altruism, interpersonal attraction, and the development of relationships, including such underlying mechanisms as empathy, self-presentation and self-disclosure, norms, and trust.

4213 Person Perception
(3-0) 3 hours credit. Prerequisite: PSY 2533 or consent of instructor.
The study of how people perceive and construe social events, social situations, and the behavior of other people. Some emphasis is also placed on how social and cultural forces affect person perception processes.

4223 Environmental Psychology
(3-0) 3 hours credit. Prerequisite: PSY 2533 or consent of instructor.
Analysis of the ways in which natural, architectural, and social environments structure the behavior of individuals and groups. Topics include environmental perception, spatial behavior, manipulation of environment and the nature of the person-environment interaction.

4233 Freudian Psychology
(3-0) 3 hours credit.
Study of the development of Freud's thought through a chronological survey of some
major works and through consideration of Freud’s background and life. The influence of Freud on such neo-Freudian schools as Adler, Horney, and Fromm and the impact of Freudian and neo-Freudian ideas on the social sciences.

4243 Individual Differences in Information Processing
(3-0) 3 hours credit. Prerequisites: PSY 2523 and PSY 3103 or consent of instructor. How individuals vary in the encoding and processing of information. Topics include cognitive pathologies and deficits, influence of incentives on cognitive performance, nature of belief systems, and consistency of cognitive style across tasks and skills.

4911-3 Independent Study
1-3 hours credit. Prerequisites: Permission in writing (form available) of the instructor, the student’s advisor, and the Division Director and Dean of the College in which the course is offered. Independent reading, research, discussion, and/or writing under the direction of a faculty member. May be repeated for credit, but not more than 6 hours of independent study, regardless of discipline, will apply to a bachelor’s degree.

4933-6 Internship in Psychology
3 or 6 hours credit. Prerequisite: Consent of internship Coordinator. Supervised experience relevant to psychology within selected community organizations. A maximum of 6 credit hours may be earned through Internship in Psychology.

4951-3 Special Studies in Psychology
1-3 hours credit. Prerequisite: Consent of instructor. An organized course offering the opportunity for specialized study not normally or not often available as part of the regular course offerings. Special Studies courses may be repeated for credit when the topics vary, but not more than 6 hours within any one discipline will apply to a bachelor’s degree.

4993 Honors Thesis
3 hours credit. Prerequisite: Enrollment limited to candidates for honors in psychology during their last two semesters; completion of honors examination and approval by the Honors Program coordinator. Supervised research and preparation of an honors thesis. May be repeated once with advisor’s approval.
DIVISION OF SOCIAL AND POLICY SCIENCES

The Division of Social and Policy Sciences offers bachelor of arts degrees in criminal justice, geography, political science, and sociology.

At least 36 credit hours of course work are required to fulfill a social and policy sciences major. The 36-hour total is considered a minimum, and students are encouraged to deepen and broaden their control of their field through careful allocation of some of their elective credit hours.

All social and policy sciences majors require the student to complete at least six semester hours of support work. These courses, which require the advisor’s advance approval, should serve to introduce the student to aspects of the social sciences in addition to those entailed in the course work within the student’s major discipline.

INTERNATIONAL STUDY

Majors in the Division of Social and Policy Sciences may apply 3 or 6 semester hours of internship study to their baccalaureate program. Internship entails supervised experience within selected organizations in the San Antonio area. Placement is arranged by the Internship Coordinator of the College of Social and Behavioral Sciences. Supervision and grading of the internship experience is normally done by Division faculty members. Students from majors other than the Social Sciences are welcome to participate but should consult with their faculty advisors regarding the role of the internship within their own degree programs. Further information can be obtained from the Internship Coordinator.

DIVISIONAL HONORS

The Division of Social and Policy Sciences designates certain of its outstanding students as Honors students and provides the opportunity for advanced study under close faculty supervision.

Selection of students for admission to the Division Honors Program is based on: 1) the student’s academic performance, and 2) recommendation by the faculty of the student’s major discipline. To be eligible for the program students must have a minimum grade-point average of 3.00 overall at UTSA and a minimum grade-point average of 3.50 in their major at UTSA. The minimum grade-point averages must be maintained for students to receive the approval of the Division Honors Committee and the discipline faculty. Students admitted to the Honors program are expected to enroll in the appropriate Honors Thesis course during the final two semesters in residence. The completed thesis must be approved by the supervising faculty sponsor and another Divisional faculty member. Students interested in this program should contact their faculty advisors for additional information.

BACHELOR OF ARTS DEGREE IN CRIMINAL JUSTICE

Criminal Justice. This program is intended to provide the opportunity for a comprehensive educational preparation for persons seeking a professional career in the field of criminal justice; with emphases in the areas of Law Enforcement, Corrections-Juvenile Justice, Judicial Administration, and Security Administration.

The minimum number of semester hours required for this degree, including the 42 hours of General Education Requirements, is 124. The criminal justice major, through consultation with the student’s faculty advisor, should choose elective courses within the General Education Requirements which will develop fundamental awareness of the complex social and cultural issues in contemporary American Society.
All candidates for the degree must complete:

A. 30 semester hours of upper-division criminal justice coursework distributed as follows:
   
   1. 15 semester hours of upper-division core:
      CRJ 3043 Criminal Justice: Ecology and Etiology
      CRJ 3213 Criminal Justice: Administrative Organization
      CRJ 3623 Substantive Criminal Law
      CRJ 4003 Research in Criminal Justice
      CRJ 4973 Criminal Justice: Senior Seminar
   
   2. 12 semester hours from one of the following areas of emphasis:
      a. Law Enforcement
         CRJ 3133 Basic Criminalistics
         CRJ 3633 Evidentiary Issues in the Legal Process
         CRJ 4123 Concepts of Investigation
         CRJ 4413 Trends in Police Administration
      b. Corrections-Juvenile Justice
         CRJ 3513 Corrections: Theory & Practice
         CRJ 3533 Alternatives to Incarceration
         CRJ 4573 Correctional Administration
         CRJ 4613 Counseling and Delivery of Services in Corrections
      c. Judicial Administration
         CRJ 3613 Legal Bibliography and Advocacy Research
         CRJ 4633 Criminal Procedure
         CRJ 4813 Court Organization and Jurisdiction
         CRJ 4823 Issues in Judicial Administration
      d. Security Administration
         CRJ 3163 Introduction to Security Administration
         CRJ 3173 Physical Security
         CRJ 3183 Personnel Security
         CRJ 4203 Issues in Security Administration
   
   3. At least 3 semester hours of CRJ 4933-9 Internship in Criminal Justice for preservice students.

B. A statistics course is required of all criminal justice majors.

C. 15 semester hours of upper-division support work (recommended outside the criminal justice area) to be selected through consultation with the student's faculty advisor.

D. 37 semester hours of electives of which CRJ 2113 or its equivalent is recommended.*

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COURSE DESCRIPTIONS
CRIMINAL JUSTICE
(CRJ)

2113 The American Criminal Justice System
(3-0) 3 hours credit.
Philosophy and history of criminal justice in America; examination of criminal justice agencies operating as an interacting system, from police through the courts and into corrections.

*The 21 semester hours identified in the lower-division Law Enforcement Core Curriculum of the Texas Commission on Law Enforcement Officer Standards and Education may be transferred as electives for the undergraduate degree in Criminal Justice.
<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>3043</td>
<td>Criminal Justice: Ecology and Etiology</td>
<td>(3-0) 3 hrs</td>
<td>Examination of social, political, economic, religious, and emotional characteristics of criminal justice problems; historical as well as systems perspective with a multidisciplinary approach.</td>
</tr>
<tr>
<td>3133</td>
<td>Basic Criminalistics</td>
<td>(3-0) 3 hrs</td>
<td>Application of the physical and natural sciences to the administration of criminal justice: probability, value and limitation of various types of physical evidence, and basic processing techniques.</td>
</tr>
<tr>
<td>3163</td>
<td>Introduction to Security Administration</td>
<td>(3-0) 3 hrs</td>
<td>Survey of the scope of the security administration field in business, industry, and government; consideration of the problems and issues affecting the relationship between publicly-funded law enforcement and the private sector.</td>
</tr>
<tr>
<td>3173</td>
<td>Physical Security</td>
<td>(3-0) 3 hrs</td>
<td>Prerequisite: Consent of instructor. Protection of facilities, security requirements and standards, and security surveys. Theory and application of defense; locks and locking devices, safes, vaults, and countermeasures; intrusion devices and defense against methods of entry; sabotage and sabotage devices. Planning related to facilities for security of inventory, personnel, and documents.</td>
</tr>
<tr>
<td>3183</td>
<td>Personnel Security</td>
<td>(3-0) 3 hrs</td>
<td>Prerequisite: Consent of instructor. The opportunity for comprehensive study of security problems related to background investigation and use of investigative reports; problems in personnel clearances and use of non-clearable personnel; debriefing procedures for retired or dismissed personnel; concepts, problems, and procedures of personnel protection.</td>
</tr>
<tr>
<td>3213</td>
<td>Criminal Justice: Administrative Organization</td>
<td>(3-0) 3 hrs</td>
<td>Functional and structural approaches to the study of criminal justice administration. Examination of traditional and innovative approaches in criminal justice organization with emphasis on the systems approach.</td>
</tr>
<tr>
<td>3513</td>
<td>Corrections: Theory and Practice</td>
<td>(3-0) 3 hrs</td>
<td>Examination of the historical development of corrections; its philosophical orientation; theories and practices, including the traditional and contemporary; institutional and non-institutional aspects.</td>
</tr>
<tr>
<td>3533</td>
<td>Alternatives to Incarceration</td>
<td>(3-0) 3 hrs</td>
<td>Problems in probation, pardons, and parole examined as to policies, procedures, and feasibility. Relationships to community service organizations.</td>
</tr>
<tr>
<td>3543</td>
<td>The Juvenile Justice System</td>
<td>(3-0) 3 hrs</td>
<td>History and development of traditional and current methods for responding to the needs of the juvenile offender. Process oriented approach to the roles of involved agencies with emphasis upon formal and informal treatment methods.</td>
</tr>
<tr>
<td>3613</td>
<td>Legal Bibliography and Advocacy Research</td>
<td>(3-0) 3 hrs</td>
<td>Detailed study of theory and practice of legal bibliography. Development and refinement of legal writing techniques.</td>
</tr>
<tr>
<td>3623</td>
<td>Substantive Criminal Law</td>
<td>(3-0) 3 hrs</td>
<td>Jurisprudential philosophy and case study of common law and statutory crimes; includes functions and development of substantive criminal law, elements of specific offenses; defenses.</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
<td>Description</td>
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<tr>
<td>3633</td>
<td>Evidentiary Issues in the Legal Process</td>
<td>3-0</td>
<td>Issues and problems of proof in civil and criminal trials, admissibility, examining witnesses, constitutional considerations, exclusionary rules.</td>
</tr>
<tr>
<td>4003</td>
<td>Research in Criminal Justice</td>
<td>3-0</td>
<td>Introduction to the general methodology of research (including experimental design, statistics, and computer usage) that pertains to the administration of justice. Emphasizes critical analysis and application of research findings in the field of criminal justice. Credit cannot be earned for both CRJ 4003 and 4013.</td>
</tr>
<tr>
<td>4123</td>
<td>Concepts of Investigation</td>
<td>3-0</td>
<td>Examination of theories and practices of the investigative process in the criminal justice system; specific operational techniques; application of innovative techniques.</td>
</tr>
<tr>
<td>4133</td>
<td>Community Crime Prevention Programs</td>
<td>3-0</td>
<td>An analysis of the typologies, philosophies, and operations of existing and projected community-based crime prevention programs. Emphasis on a variety of governmental and non-governmental community support and action programs.</td>
</tr>
<tr>
<td>4203</td>
<td>Issues in Security Administration</td>
<td>3-0</td>
<td>Managerial aspects of the security field in both public and private sectors; security management problems arising from labor disputes, demonstrations, civil disorders, and riots; white collar crime; organized crime; industrial espionage; management issues peculiar to security organizations operating under federal and state regulatory constraints.</td>
</tr>
<tr>
<td>4413</td>
<td>Trends in Police Administration</td>
<td>3-0</td>
<td>Examination of the management of law enforcement organizations through administrative structure and process. Analysis of program development and implementation in providing police service.</td>
</tr>
<tr>
<td>4513</td>
<td>Criminal Justice Planning</td>
<td>3-0</td>
<td>Offers the opportunity to gain knowledge and skills pertinent to the understanding and implementation of planning in the criminal justice system.</td>
</tr>
<tr>
<td>4573</td>
<td>Correctional Administration</td>
<td>3-0</td>
<td>Examination from an administrative perspective of the organization and management of correctional agencies. Substantive trends and issues in correctional administration, management, and supervision.</td>
</tr>
<tr>
<td>4613</td>
<td>Counseling and Delivery of Services in Corrections</td>
<td>3-0</td>
<td>The role and techniques of counseling and interviewing in the delivery of correctional services. Study of service delivery programs tailored to the specific needs of the correctional clients.</td>
</tr>
<tr>
<td>4633</td>
<td>Criminal Procedure</td>
<td>3-0</td>
<td>A procedurally oriented discussion of arrest, extradition, jurisdiction and venue, preliminary examination, bail, the grand jury, indictment and information, arraignment, trial and review, probation, parole, and pardon.</td>
</tr>
<tr>
<td>4713</td>
<td>Organized Crime and the Criminal Justice System</td>
<td>3-0</td>
<td>Study of the development of organized criminal activity through generic and legal definitions. Federal and state relationships in the response of the criminal justice system to this phenomenon.</td>
</tr>
</tbody>
</table>
| 4723       | The Media and Criminal Justice                    | 3-0     | Impact of radio, television, motion pictures, records, books, and newspapers on the
public's perception of criminal justice. The media images of major figures in the criminal justice system.

4733 Intelligence Programs and Information Security  
(3-0) 3 hours credit. Prerequisite: Consent of instructor.  
Examines a wide range of issues concerning intelligence and information security.

4803 Court Management  
(3-0) 3 hours credit. Prerequisite: Consent of instructor.  
Application of management principles and technology to the organizational components of the judiciary. Impact of the role and function of the judicial manager on the criminal justice system.

4813 Court Organization and Jurisdiction  
(3-0) 3 hours credit. Prerequisite: Consent of instructor.  
Detailed analysis of the organizational and jurisdictional aspects of the federal and state judicial systems. Examination of various state models, ranging from fragmented to unified state judicial systems.

4823 Issues in Judicial Administration  
(3-0) 3 hours credit. Prerequisite: Consent of instructor.  
Development of a managerial philosophy for the judicial system including emerging issues related to the prosecution and defense of both criminal and civil matters.

4911-3 Independent Study  
1-3 hours credit. Prerequisites: Permission in writing (form available) of the instructor, the student's advisor, and the Division Director and Dean of the College in which the course is offered.  
Independent reading, research, discussion, and/or writing under the direction of a faculty member. May be repeated for credit but not more than 6 hours of independent study, regardless of discipline, will apply to a bachelor's degree.

4933 Internship in Criminal Justice  
4936 3, 6, or 9 hours credit. Prerequisites: CRJ 3043, 3213, and 3623.

4939 Supervised experience in an administrative setting which provides the opportunity to integrate theory and practice in criminal justice agencies.

4951-3 Special Studies in Criminal Justice  
1 to 3 hours credit. Prerequisite: Consent of instructor.  
An organized course offering the opportunity for specialized study not normally or not often available as part of the regular course offerings. Special Studies courses may be repeated for credit when the topics vary, but not more than 6 hours within any one discipline will apply to a bachelor's degree.

4973 Criminal Justice: Senior Seminar  
(3-0) 3 hours credit. Prerequisite: Senior standing and consent of instructor.  
A seminar reserved for criminal justice majors during their senior year. Review of significant new research in criminal justice in conjunction with individualized research projects. May not be repeated for credit.

BACHELOR OF ARTS DEGREE IN GEOGRAPHY

The minimum number of semester hours required for this degree, including the 42 hours of General Education Requirements, is 120.18

All candidates for the degree must complete:

A. 30 semester hours in the major, 21 of which must be at the upper-division level.

1. 12 semester hours of required courses are:
   a. 6 semester hours:
      GRG 2613  Physical Geography
      GRG 2623  Human Geography

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18Thirty-nine of the total semester hours required for the degree must be at the upper-division level.

Students seeking teacher certification should consult the Undergraduate Certification Programs in Education brochure for information.
b. 6 semester hours from:
   GRG 3113 Geography of the U.S. and Canada
   GRG 3123 Geography of Latin America
   GRG 3133 Geography of Western Europe and the Mediterranean
   GRG 3153 Geography of Texas

2. 3 semester hours chosen from social science (SSG) courses.

3. 15 additional semester hours of geography electives chosen in consultation with the student's advisor. A maximum of six of these hours may be applied to the major from:
   ANT 4163 The City as Artifact
   ECO 3403 Economic Aspects of Urbanization
   ECO 4303 Economic Problems of Emerging Nations
   ENV 3023 Man and His Natural Resources
   ENV 3033 Urban Systems Management
   ENV 3523 The Contemporary City
   GEO 4063 Principles of Environmental Geology
   MKT 4093 Consumer Behavior
   POL 3413 The Politics of Urban Development
   PSY 3123 Attitudes
   PSY 4223 Environmental Psychology
   SOC 3023 Urban Sociology
   SOC 3073 Migration and Adjustment
   SOC 3173 Economy and Society

B. 6 semester hours of courses in the social sciences outside the major, chosen with the consent of the advisor.

C. 42 semester hours of electives.

COURSE DESCRIPTIONS

GEOGRAPHY (GRG)

1013 Fundamentals of Geography
   (3-0) 3 hours credit.
   Introduction to the study of man's environment, the distribution of physical and cultural variations, and the nature of the interaction between features of the environment and social/economic structures.

2613 Physical Geography
   (3-0) 3 hours credit.
   Study of the earth's major landforms and climatic patterns, the processes giving rise to these patterns, and their relationship to human activity.

2623 Human Geography
   (3-0) 3 hours credit.
   An analysis of human spatial perception and behavior, which may include territoriality, migration, innovation diffusion, and spatial planning.

3113 Geography of the U.S. and Canada
   (3-0) 3 hours credit.
   Selected geographic aspects of the major regions of the United States and Canada.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3133</td>
<td>Geography of Western Europe and the Mediterranean</td>
<td>3-0</td>
<td>Geographic aspects of the cultural, economic and political development of the people of Western Europe and the Mediterranean.</td>
</tr>
<tr>
<td>3153</td>
<td>Geography of Texas</td>
<td>3-0</td>
<td>An analysis of the physical, economic, and cultural patterns of the State of Texas as they vary across its geographic regions.</td>
</tr>
<tr>
<td>3313</td>
<td>Cartography</td>
<td>3-0</td>
<td>The design, construction, and reproduction of maps; the history of mapping and cartographic theory.</td>
</tr>
<tr>
<td>3323</td>
<td>Spatial Analysis</td>
<td>3-0</td>
<td>Application of mathematical and statistical analysis to spatial data. Topics may include geographic sampling, spatial pattern analysis, and techniques of areal association and classification.</td>
</tr>
<tr>
<td>3513</td>
<td>Urban Geography</td>
<td>3-0</td>
<td>The spatial patterns of urbanization, city growth and functioning, seen cross-culturally and comparatively; geographic considerations of contemporary urban issues; the development and use of urban information systems.</td>
</tr>
<tr>
<td>3533</td>
<td>Geography of Economic Activity</td>
<td>3-0</td>
<td>Analysis of the location of production at national, regional, and local scales; principles, models, and planning of economic behavior over space.</td>
</tr>
<tr>
<td>3613</td>
<td>Conservation of Resources</td>
<td>3-0</td>
<td>A survey of the distribution of world resources, with special emphasis on new and novel solutions to problems of resource scarcity. Topics include food, scenic and recreational resources, and other selected components of the biosphere and lithosphere.</td>
</tr>
<tr>
<td>3623</td>
<td>Population Geography</td>
<td>3-0</td>
<td>Study of the distribution, growth, movement, and adaptation of human populations over space.</td>
</tr>
<tr>
<td>3633</td>
<td>Geography of Development</td>
<td>3-0</td>
<td>Analysis of differential rates of economic growth between and within countries and regions.</td>
</tr>
<tr>
<td>3713</td>
<td>Weather and Climate</td>
<td>3-0</td>
<td>Analysis of the elements and causes of daily weather, climatic classification, and climatic change. Study of world distributions and components of climate.</td>
</tr>
<tr>
<td>4911-3</td>
<td>Independent Study</td>
<td>1-3</td>
<td>Prerequisites: Permission in writing (form available) of the instructor, the student's advisor, and the Division Director and Dean of the College in which the course is offered. Independent reading, research, discussion, and/or writing under the direction of a faculty member. May be repeated for credit, but not more than 6 hours of independent study, regardless of discipline, will apply to a bachelor's degree.</td>
</tr>
<tr>
<td>4933-6</td>
<td>Internship in Geography</td>
<td>3 or 6</td>
<td>Prerequisite: Consent of internship coordinator. Supervised experience relevant to geography within selected community organizations. A maximum of 6 credit hours may be earned through Internship in Geography.</td>
</tr>
</tbody>
</table>
4951-3 Special Studies in Geography
1-3 hours credit. Prerequisite: Consent of instructor.
An organized course offering the opportunity for specialized study not normally or not often available as part of the regular course offerings. Special Studies courses may be repeated for credit when the topics vary, but not more than 6 hours within any one discipline will apply to a bachelor's degree.

4993 Honors Thesis
3 hours credit. Prerequisite: Enrollment limited to candidates for honors in geography during their last two semesters; completion of honors examination and approval by the Honors Program coordinator.
Supervised research and preparation of an honors thesis. May be repeated once with advisor's approval.

BACHELOR OF ARTS DEGREE IN POLITICAL SCIENCE

The minimum number of semester hours required for this degree, including the 42 hours of General Education Requirements, is 120.¹

All candidates for the degree must complete:

A. 30 semester hours in the major, 21 of which must be at the upper-division level.

1. 15 semester hours of required courses are:
   a. 6 semester hours from courses numbered POL 2503-2693
   b. SSC 3003 Social Research Methods
   c. One advanced undergraduate seminar, to be chosen from the following: POL 4113, POL 4153, or designated sections of POL 4951-3, or, with approval of the student's advisor, POL 4933, Internship in Political Science, or POL 4913, Independent Study
   d. 3 semester hours chosen from Social Science (SSC) courses

2. 15 semester hours of political science electives, 12 of which must be at the upper-division level, are required, to be chosen in consultation with the student's advisor.
At least 3 hours must be taken from each of the following areas:
   (a) Comparative politics and international relations;
   (b) Political theory and public law;
   (c) American politics and public administration.
Up to 6 hours may be applied to the major from:
   ECO 3273 Public Choice and the Public Finances
   HIS 3093 United States Constitutional History
   HIS 3583 Revolutions in History
   HIS 4193 Colonialism: A Comparative Approach
   SOC 3103 Complex Organizations
   SOC 4103 Survey Research Methods
   SSC 3103 Major Theories of the Social Sciences
   SSC 3533 Inter-American Relations
   SSC 4353 Leadership and Elites

B. 6 semester hours of courses in the social sciences outside the major chosen with consent of the advisor.

C. 42 semester hours of electives.

¹Thirty-nine of the total semester hours required for the degree must be at the upper-division level.

Students seeking teacher certification should consult the Undergraduate Certification Programs in Education brochure for information.
COURSE DESCRIPTIONS

POLITICAL SCIENCE

(POL)

1023 The Politics of the American Economy
(3-0) 3 hours credit.
The Constitution, the courts and government economic intervention. The new industrial state. Corporations, unions, and government. Consumer politics. Fiscal and monetary policy. The budget. Applies to the legislative requirement in United States government. (Formerly POL 2063; credit cannot be earned for both 1023 and 2063.)

1053 Introduction to American Politics
(3-0) 3 hours credit.
Constitutional theory and political practice in the United States. Political behavior, parties and pressure groups, the Presidency and Congress, the judiciary, contemporary public policy issues. Applies to the legislative requirement in United States government.

1083 The United States in the World
(3-0) 3 hours credit.
The development of conceptions of the United States' role in the world. The foreign policy decision-making process and its legal and constitutional basis. The relationship of domestic politics to the conduct of foreign policy. Applies to the legislative requirement in United States government. (Formerly POL 2083; credit cannot be earned for both 1083 and 2083.)

1093 The Political Systems of the United States and Mexico
(3-0) 3 hours credit.
A comparative examination of the constitutional frameworks, political institutions, and political practice of the United States and Mexico. The two revolutions, the role of the constitution, the power of the executive, Partido Revolucionario Institucional (PRI), Republicans and Democrats, the question of political opposition, federal-state relations, the politics of economic development, etc. Applies to the legislative requirement in United States government. (Formerly POL 2013; credit cannot be earned for both 1093 and 2013.)

1133 Introduction to Texas Politics
(3-0) 3 hours credit.
Constitutional theory and political practice in Texas. Constitutional development, the Governor and the Legislature, the judiciary, parties, pressure groups, county, city, and town government. Applies to the legislative requirement in Texas government. (Formerly POL 1043; credit cannot be earned for both 1043 and 1133.)

1143 Contemporary Public Policy in Texas
(3-0) 3 hours credit.
The relationship between the constitutional and legal framework and contemporary policy issues. The power of the state executive office, executive-legislative relations, environmental and energy policy, state-local relations, etc. Applies to the legislative requirement in Texas government. (Formerly POL 2043; credit cannot be earned for both 1143 and 2043.)

1173 American State and Local Politics
(3-0) 3 hours credit.
A comparative examination of state constitutions, governmental structures, and politics, with special emphasis on Texas. Applies to the legislative requirement in Texas government. (Formerly POL 2073; credit cannot be earned for both 1173 and 2073.)
2023 Civil Liberties In American Law and Practice
(3-0) 3 hours credit.
The Bill of Rights and its contemporary application in the United States. The theory and history of civil liberties in America. Freedom of religion and expression; privacy; legal due process; equal protection; etc. Applies to the legislative requirement in United States government.

2503 Introduction to Political Theory
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.
The fundamental concepts and problems of politics, as viewed by the classical political philosophers and contemporary theorists: justice, power, authority, obligation, freedom, equality.

2513 Public Administration and Public Policy
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.
The role of bureaucratic agencies in the formulation and implementation of public policy. Organization theory and administration in the public sector. While the approach of the course is comparative, special emphasis is placed on bureaucracy in the United States.

2523 Political Behavior
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.
The study of mass and elite political attitudes and activity from a behavioral perspective. Topics covered may include elections, legislative behavior, public opinion, and political socialization.

2603 International Politics
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.
The theory and practice of international relationships. The character of the contemporary international system will be analyzed from several theoretical perspectives and in the light of recent diplomatic history.

2623 Law and Society
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.
An examination of the role of law in society. Topics examined may include: natural law; legal realism; constitutional, statutory, common, civil, socialist, and administrative law. The structure and functions of the judiciary, police, and legal profession.

2633 Comparative Politics
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.
A comparative examination of the diverse forms, goals, styles, and practices of government in Western, Communist, and developing societies. Several major polities will be studied in detail.

3083 Ethnic Politics in the United States
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.
The role of ethnic and racial minorities in the politics of the United States; the responsiveness of existing political structures to ethnic problems; ethnic political organizations and influence.

3093 Mexican-American Politics
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.
This course provides an opportunity to study Mexican-American participation in the electoral process, political and economic institutions, labor organizations, and alternative modes of political action.

3103 Political Ideology
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.
An examination of ideology as a social phenomenon affecting political behavior, and of the specific doctrines of liberalism, socialism, conservatism, fascism, and Communism.

3113 American Political Theory
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.
The political theory of the Constitution; the Federalist Papers; Adams; Jefferson; Paine; Calhoun; Thoreau; Social Darwinism; Pragmatism; twentieth century political thought.

3133 Political Philosophy: Ancient and Medieval
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.
The major works of Western Political philosophy from ancient times to the Renaissance. Writers examined may include Plato, Aristotle, Thucydides, Augustine, Machiavelli.

3143 Political Philosophy: Modern
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.
The major works of political philosophy from the Renaissance to the nineteenth century. Writers examined may include Hobbes, Locke, Rousseau, Hegel, Marx, Mill.

3153 Political Philosophy: Contemporary
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.
Political thought from the late nineteenth century to the present. Topics examined may include: contemporary Marxism and critical theory; analytic political theory; positivism and social science; phenomenological approaches; existentialism; contemporary ethics.

3213 American Community Politics
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.
An examination of local governments in the United States and the metropolitan political economies which frame their interactions with each other and with other regional, state, and national governments. Problems of participation, power, political organization, development, and planning.

3223 Judicial Politics
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.
Political behavior of the major participants in the judicial process: judges, attorneys, juries, defendants, litigants; the political and administrative context of the judicial process; judicial-executive and judicial-legislative relations; the impact of court decisions.

3233 Political Campaigns and Elections
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.
A study of the ways in which public officials are recruited and elected in the United States and other democracies. Campaign strategy and tactics; nominations and primaries; the legal framework of elections; the problem of constituency; voting studies; campaign finance.

3253 Public Opinion and Public Policy in the United States
(3-0) 3 hours of credit. Prerequisite: Fulfillment of general education Political Science requirements.
Mass attitudes and beliefs and their linkage to political elites and public policy in the United States.

3263 Political Socialization
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.
The acquisition of political attitudes in childhood, adolescence, and adulthood. The impact of the family, school, informal group, job, media, elite socialization. The sources of political dissent and opposition. (Formerly PSY 3353; credit cannot be earned for both PSY 3353 and POL 3263.)
3273 *The Mass Media and Government*  
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.  
This course offers an opportunity to examine the political economy of the mass media. Consideration of the idea of a free press, theories of communication, the business of communications, journalism and politics, government regulation of media ownership and operations, the rights of reporters, citizen access. (Formerly SOC 3163; credit cannot be earned for both SOC 3163 and POL 3273.)

3283 *The American Presidency*  
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.  
The President's role in the American political system. Topics may include the constitutional framework and historical development of presidential powers. Presidential personality. Legislative, foreign policy, and war-making powers. (Formerly POL 3303; credit cannot be earned for both POL 3303 and 3283.)

3313 *The American Federal System*  
(3-0) 3 hours credit. Prerequisite: 3 credit hours of Political Science.  
The political theory of federalism; the constitutional provisions; interstate coordination of policies; local-state-federal relations; the political role of private and public interests within the federal framework.

3323 *Constitutional Law*  
(3-0) 3 hours credit. Prerequisite: POL 2023, POL 2623, HIS 3093, or consent of instructor.  
An examination of major constitutional issues, past and present, through the intensive study of leading cases. Recommended for pre-law students. Applies to the legislative requirement in United States government.

3333 *Political Power*  
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.  
A theoretical and empirical analysis of power in the political setting. Group, elite, organizational, and structural approaches will be considered. Case studies of the translation of economic and social power into political power.

3343 *Political Participation*  
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.  
The level and modes of political participation in the United States and other societies. The impact of socioeconomic status, ethnicity, context, psychological attributes, rational calculation, regime type, and other influences upon participation.

3363 *Political Parties and Interest Groups*  
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.  
The function of political parties on the political process; and interest groups, their function as private governments and their role in shaping public policy.

3373 *The Legislative Process*  
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.  
The functions, structures, and politics of legislatures and their relationships to their constituencies and other branches of government.

3383 *Comparative Communist Politics*  
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.  
A comparative examination of government and politics in the Soviet Union, China, Yugoslavia, and other Communist societies. Ideology. The cultural and economic setting of politics. The international relations of Communist states.

3393 *Latin American Politics*  
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.
An examination of political institutions and their relationship to social and economic change in Latin America. The military in politics. Revolutionary movements. The economic setting.

3403 European Politics
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.
The interplay of politics with the changing social and economic environment in the advanced industrial societies of Europe. Western and Eastern Europe will be treated comparatively. The Common Market and selected individual countries will be examined.

3413 The Politics of Urban Development
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.
This course offers an opportunity to pursue a political-economic analysis of the metropolis focusing on the problems and conflicts stemming from urban growth and stagnation. Topics examined may include uneven development, planning, industrial development policy, taxation, intergovernmental rivalry. Case studies may be drawn from societies other than the U.S.

3433 Leadership and Modernization in the Third World
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.
An examination of political elites and leadership in the modernization process. Topics examined include charisma, military rule, nationalist and revolutionary leadership, and bureaucracy in Asia, Africa, and Latin America.

3443 Asian Politics
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.
A comparative examination of the political systems of selected Asian nations and their attempts to deal with problems of social, economic, and political change. Nations studied may include Japan, China, India, and Korea.

3463 Politics of the Third World
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.
The political system of various Third World nations. An inquiry into the political and economic problems of these countries, such as development, instability, political change. (Formerly POL 3423; credit cannot be earned for both POL 3423 and POL 3463.)

3503 American Foreign Policy Since World War II
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.
A critical examination of the principles and practices of American foreign policy as it has developed since World War II.

3513 International Organizations
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.
An examination of international and regional political, economic, and military organizations, their purposes, operations, and role in the international system. Organizations examined may include: the United Nations, the Common Market, NATO, the Warsaw Pact, the Organization of American States, multinational corporations. The role of international law.

3523 Force in International Politics
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.
An examination of war, other forms of political violence, and coercion in international relations. Topics considered may include Western thought of war, causes of and justifications for war, foreign military intervention, how wars end, approaches to the reduction of international violence, defense strategy.

3603 Public Policy Formulation and Implementation
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.
An analysis of public policy formation and implementation in the larger setting of power in the United States. The implications of the policy process for democracy. Case studies will be drawn from a range of problem areas including energy, health, the environment, and the fiscal crisis.

3613 **Public Budgeting and Taxation**
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.
An examination of the process and politics of public budgeting and taxation, and of the bureaucratic behavior accompanying it.

3623 **Public Policy Evaluation**
(3-0) 3 hours of credit. Prerequisite: Fulfillment of general education Political Science requirements.
The process and politics of public policy evaluation. The methodology of program evaluation will be examined as well as the political problems associated with policy evaluation. Case studies of specific government programs will be examined.

3703 **Personnel Administration in the Public Sector**
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.
A survey of personnel management in the public sector. Topics examined may include recruitment, civil service and patronage appointments, career development, manpower utilization, conflict of interest questions, employee organization and relations, affirmative action.

3713 **Comparative Systems of Public Administration**
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.
Administrative goals, structures, processes, and behavior in comparative perspective. Bureaucracies in Western democratic, Communist, and developing political systems will be examined.

3723 **Ethics in Government**
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.
The philosophical, legal, and practical problems of establishing accountability in government and promoting ethical standards among government officials.

4113 **Models of Democracy**
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.
The study of important democratic theorists offers the opportunity to gain a foundation for the critical and comparative analysis of several types of political systems which view themselves as democratic: e.g., U.S. constitutional liberalism, Swiss cantonal federalism, Spanish anarcho-syndicalism, Soviet and Chinese Communism, industrial democracy.

4153 **Seminar in Jurisprudence**
(3-0) 3 hours credit. Prerequisite: Fulfillment of general education Political Science requirements.
An analytic inquiry into the normative, empirical and ideological underpinnings of law. The functions, nature, and utilities of law in various social and conceptual schemes. Alternatives to formal law and jural dispute settling.

4323 **Administrative Law**
(3-0) 3 hours credit. Prerequisite: POL 2023, POL 2513, or POL 2623, or consent of instructor.
A survey of those aspects of public law of particular relevance to public administration, analyzing such problem areas as the delegation of authority, formal accountability, open records and confidentiality, and responsiveness to democratic values in decision making.

4911-3 **Independent Study**
1-3 hours credit. Prerequisites: Permission in writing (form available) of the instructor, the
student's advisor, and the Division Director and Dean of the College in which the course is offered. Independent reading, research, discussion, and/or writing under the direction of a faculty member. May be repeated for credit, but not more than 6 hours of independent study, regardless of discipline, will apply to a bachelor's degree.

4933-6 Internship in Political Science
3 or 6 hours credit. Prerequisite: consent of Internship Coordinator. Supervised experience relevant to political science within selected community organizations. A maximum of 6 credit hours may be earned through Internship in Political Science.

4951-3 Special Studies in Political Science
1-3 hours credit. Prerequisite: Consent of instructor. An organized course offering the opportunity for specialized study not normally or not often available as part of the regular course offerings. Special Studies courses may be repeated for credit when the topics vary, but not more than 6 hours within any one discipline will apply to a bachelor's degree.

4993 Honors Thesis
3 hours credit. Prerequisite: Enrollment limited to candidates for honors in political science during their last two semesters; completion of honors examination and approval by the Honors Program coordinator. Supervised research and preparation of an honors thesis. May be repeated once with advisor's approval.

BACHELOR OF ARTS DEGREE IN SOCIOLOGY

The minimum number of semester hours required for this degree, including the 42 hours of General Education Requirements, is 120.20

All candidates for the degree must complete:

A. 30 semester hours in the major, 21 of which must be at the upper-division level.

1. 15 semester hours of required courses are:
   a. SOC 1013 Introduction to the Study of Society
   b. 3 semester hours of theory courses from:
      SOC 3083 Theories of Social Change
      SOC 3253 Theories of the Individual and Society
      SOC 4143 Classical Sociological Theory
      SOC 4163 Contemporary Sociological Theory
      SSC 3103 Major Theories of the Social Sciences
   c. 3 semester hours of methods courses from:
      SOC 4103 Survey Research Methods
      SSC 3003 Social Research Methods
   d. SOC 4973 Sociology Senior Seminar, or
      SOC 4993 Honors Thesis
   e. 3 semester hours chosen from Social Science (SSC) courses.

2. 15 additional semester hours of sociology electives, chosen in consultation with the student's advisor. A maximum of 6 of these hours may be applied to the major from:

   AMS 2013 Basic Issues in American Culture

20Thirty-nine of the total semester hours required for the degree must be at the upper-division level.

Students seeking teacher certification should consult the Undergraduate Certification Programs in Education brochure for information.
B. 6 semester hours of courses in the social sciences outside the major chosen with the consent of the advisor.

C. 42 semester hours of electives

COURSE DESCRIPTIONS

SOCIOLOGY (SOC)

1013 Introduction to the Study of Society
(3-0) 3 hours credit.
An introduction to the study of human groups, the relations of individuals to groups, and the process of becoming a group member and functioning in a group setting.

3013 Social Stratification
(3-0) 3 hours credit. Prerequisite: SOC 1013.
Theory and research pertaining to inequalities of power, prestige, and economic privilege. Major emphasis upon inequality and social mobility in the United States.

3023 Urban Sociology
(3-0) 3 hours credit. Prerequisite: SOC 1013 recommended.
Development of modern world cities, the ecology of cities, the organization of cities, major social problems, the social psychology of urban life for both more developed and less developed countries. (Formerly SOC 2023; credit cannot be earned for both 2023 and 3023.)

3033 Population Dynamics
(3-0) 3 hours credit. Prerequisite: SOC 1013 recommended.
Trends in mortality, fertility, and migration for selected countries and their projected consequences. Associated population policies and options are considered. (Formerly SOC 2033; credit cannot be earned for both 2033 and 3033.)

3043 Race and Ethnic Relations
(3-0) 3 hours credit. Prerequisite: SOC 1013 recommended.
Dominant-subordinate relations in world societies, with major emphasis on the United States. Models of assimilation, colonial and class society and consequences for minority and majority populations may be examined. (Formerly SOC 2063; credit cannot be earned for both 2063 and 3043.)

3053 Deviance and Conformity
(3-0) 3 hours credit. Prerequisite: SOC 1013 recommended.
Consideration of sociological and social psychological factors associated with compliant and deviant behavior; the links between deviance and strategies for social control.
3063 **Collective Behavior**  
(3-0) 3 hours credit. Prerequisite: SOC 1013.  
Case studies and associated theory dealing with various forms of collective behavior and social movements, including mobs, revolutions, cults and panics.

3073 **Migration and Adjustment**  
(3-0) 3 hours credit. Prerequisite: SOC 1013.  
Geographic movement of populations, ties to economic, physical ideological and social features and resultant problems of adjustment. Historical as well as contemporary examples will be examined. Attention will be given to both legal and illegal immigration.

3083 **Theories of Social Change**  
(3-0) 3 hours credit. Prerequisite: SOC 1013.  
Principal models and theories of social transformation applied to examples of societal change.

3093 **Religion and Society**  
(3-0) 3 hours credit. Prerequisite: SOC 1013.  
Religious institutions and movements in the United States with comparative data from other countries. The relationship of religious institutions to social stratification, economic institutions, and political and social change.

3103 **Complex Organizations**  
(3-0) 3 hours credit. Prerequisite: SOC 1013.  
The sociology of public and private bureaucratic organizations, the structure and behavior of management, and patterns of mobility within corporate organizations.

3113 **Criminology**  
(3-0) 3 hours credit. Prerequisite: SOC 1013 recommended.  

3133 **Sociology of Pluralism in the Southwest**  
(3-0) 3 hours credit. Prerequisite: SOC 1013 or consent of instructor.  
The principal minority groups in the American Southwest, with emphasis on form and consequences of intergroup relations, social movements, and related social changes, and formal models of Southwestern plural society.

3143 **Juvenile Delinquency**  
(3-0) 3 hours credit. Prerequisite: SOC 1013 recommended.  
Analysis of the extent, distribution and varieties of juvenile crime, with a survey of classic and contemporary sociological research on its causes, prediction and prevention.

3173 **Economy and Society**  
(3-0) 3 hours credit. Prerequisite: SOC 1013.  
The relationship of the economic system to the social system as a whole in selected societies. The varieties of capitalist and socialist economic organizations, and their social implications.

3193 **The Sociology of Work and Occupations**  
(3-0) 3 hours credit. Prerequisite: SOC 1013.  
Occupational structures in selected societies. The relationship between occupations and economic rewards, life styles, and world view. Determinants of work satisfaction.

3203 **Gerontology**  
(3-0) 3 hours credit. Prerequisite: SOC 1013.  
An examination of the role of older persons in selected societies and the distinctive problems which they confront.

3213 **Medical Sociology**  
(3-0) 3 hours credit. Prerequisite: SOC 1013.  
The identification of social factors in the distribution and cause of disease; relationships between patients and medical professionals; the contribution of lay beliefs to health, illness, treatment and recovery; health institutions; the distribution of medical resources and organization of health care delivery.
3233 **Sociology of the Life Span**  
(3-0) 3 hours credit. Prerequisite: SOC 1013.  
Concentration on adult development in major social institutions through the life span, from adolescence to old age. Social determinants of development are studied, using specific life histories.

3253 **Theories of the Individual and Society**  
(3-0) 3 hours credit. Prerequisite: SOC 1013.  
An examination of major theories dealing with the effects of culture and social structure on the development and functioning of the personality and the self.

3283 **Poverty**  
(3-0) 3 hours credit. Prerequisite: SOC 1013.  
The causes and consequences of poverty in the United States and selected other societies. An examination of social programs designed to combat poverty.

3293 **Sex Roles**  
(3-0) 3 hours credit. Prerequisite: SOC 1013, PSY 2013, or consent of instructor.  
The nature of sex roles in our own and other societies. Consideration of how people learn sex roles and the outcomes of this learning for individuals, families, and societies. Alternatives to conventional sex roles.

3303 **Women at Work**  
(3-0) 3 hours credit. Prerequisite: SOC 1013.  
Patterns of female labor force participation, their causes and consequences will be discussed. Relationships between women's work roles and their other roles will be considered.

3343 **Life Styles**  
(3-0) 3 hours credit. Prerequisite: SOC 1013.  
An analysis of alternative patterns of consumption in contemporary societies, along lines suggested by Max Weber. The relationship between life style and economic resources, region, race and ethnicity, occupation, and world view. Political and other social constraints upon deviant life styles.

3363 **The Sociology of Knowledge**  
(3-0) 3 hours credit. Prerequisite: SOC 1013.  
The relationship between social structures and modes of thought: theology, ideology, science, and other belief systems. The impact of society on science and of science on society. Invention, discovery, and the knowledge explosion.

3403 **Mexican American Stratification**  
(3-0) 3 hours credit. Prerequisite: SOC 1013.  
A course offering the opportunity to study the variables affecting the social status of Mexican Americans and relations between this group and the dominant society. Issues studied may include the position of Mexican Americans in economic, political and status hierarchies and the major factors limiting mobility within these systems.

3413 **Warfare and the Military**  
(3-0) 3 hours credit. Prerequisite: SOC 1013 recommended.  
A sociological analysis of military organization and military personnel with emphasis on motivation during times of war.

3423 **Homicide and Suicide**  
(3-0) 3 hours credit. Prerequisite: SOC 1013 and SOC 3113 are recommended.  
An analysis of intentional death. Case studies and associated theory focusing on motives, sequences of events, types of individuals involved, subcultures of violence, and variations over time among nations. Methods of treatment and prevention.

3463 **Sociology of Play and Leisure**  
(3-0) 3 hours credit. Prerequisite: SOC 1013.  
This course will examine the social meanings of play and leisure in advanced industrial societies. Emphasis will be on the origins, structure and function of these phenomena in the United States with major emphasis on sport as an institution.
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4103 Survey Research Methods  
(3-0) 3 hours credit. Prerequisite: One upper-division course in the social sciences.  
An advanced course in survey research, including research design, questionnaire construction, sampling, interviewing, control procedures, and data processing. Data analysis will include both categorical and linear models, with practical applications.

4113 Social Indicators and Social Planning  
(3-0) 3 hours credit. Prerequisite: A research methods course or consent of instructor.  
Techniques for anticipating future trends. Construction and use of social indicators and evaluation of projective techniques.

4143 Classical Sociological Theory  
(3-0) 3 hours credit. Prerequisite: SOC 1013.  
The transition from social philosophy to sociology, with special emphasis upon European theorists in the nineteenth and early twentieth centuries.

4163 Contemporary Sociological Theory  
(3-0) 3 hours credit. Prerequisite: SOC 1013.  
An examination of current trends in sociological theory: contemporary functionalism, evolutionism, exchange theory, radical criticism, phenomenology and symbolic interactionism, and formal theory construction.

4173 Comparative Family Structures  
(3-0) 3 hours credit. Prerequisite: SOC 1013 recommended.  
A review of research comparing major conventional and alternative family structures in pre-industrial and industrial societies.

4203 Qualitative Methods  
(3-0) 3 hours credit. Prerequisite: SOC 1013.  
An examination of theories, methods, and techniques of field work. The course will consider research in organizations, communities, and other settings, and ethical problems involved in such research.

4911-3 Independent Study  
1-3 hours credit. Prerequisites: Permission in writing (form available) from the instructor, the student's advisor, and the Division Director and Dean of the College in which the course is offered.  
Independent reading, research, discussion, and/or writing under the direction of a faculty member. May be repeated for credit, but not more than 6 hours of independent study, regardless of discipline, will apply to a bachelor's degree.

4933-6 Internship in Sociology  
3 or 6 hours credit. Prerequisite: Consent of internship coordinator.  
Supervised experience relevant to sociology within selected community organizations. A maximum of 6 credit hours may be earned through Internship in Sociology.

4951-3 Special Studies in Sociology  
1-3 hours credit. Prerequisite: Consent of instructor.  
An organized course offering the opportunity for specialized study not normally or not often available as part of the regular course offerings. Special Studies courses may be repeated for credit when the topics vary, but not more than 6 hours within any one discipline will apply to a bachelor's degree.

4973 Sociology Senior Seminar  
(3-0) 3 hours credit. Prerequisite: Senior standing in the sociology major.  
A capstone course designed to integrate sociological theory and methods and to guide students in the conduct of social research.

4993 Honors Thesis  
3 hours credit. Prerequisite: Enrollment limited to candidates for honors in sociology during their last two semesters; completion of honors examination and approval by the Honors Program coordinator.  
Supervised research and preparation of an honors thesis. May be repeated once with advisor's approval.
COURSE DESCRIPTIONS
SOCIAL SCIENCE
(SSC)

3003  Social Research Methods
(3-0) 3 hours credit. Prerequisite: At least one social science course.
An introduction to investigative techniques and methodologies in the social sciences.
Topics may include philosophies and theories of social science, modes of analysis,
statistical techniques, as applied to research design, problems of operational definition,
individual and aggregate data analysis.

3103  Major Theories of the Social Sciences
(3-0) 3 hours credit.
A review of seminal theories in nineteenth and twentieth century social science, illustrated
in cases of social behavior.

3143  Women in American Life
(3-0) 3 hours credit.
Offers the opportunity to examine the experience of women in America. Topics may
include the changing role of women from colonial times to the present, women's influence
on the family, the labor force, economic decision-making, and political action.
Time periods covered and topical emphasis will vary with the instructor.

3203  Violence and Society
(3-0) 3 hours credit. Prerequisite: Advanced standing in a social science discipline or
consent of the instructor.
This course examines the major theories which attempt to explain why violence occurs in
society. Certain forms of violence, both legal and illegal, are studied from a variety of
perspectives in the social sciences to determine whether present explanations of violent
behavior are adequate.

3213  Theories of the City
(3-0) 3 hours credit.
A survey of current and classic explanations of the city including the city as polity, the city
as plan, the city and the hinterland, and the advent of the metropolis, drawing on the
various social sciences, philosophy and the arts.

3223  The Family
(3-0) 3 hours credit. Prerequisite: Advanced standing in a social science discipline or
consent of instructor.
An examination of the family as a crucial social institution in the past and in more recent
times. Topics may include: cross-cultural variation, childhood, adolescence, the aged,
demographic change, the slave and modern black family, the birth control movement,
sex-role expectations, socialization of the young, and the shifting functions of the family.

3333  Utopias
(3-0) 3 hours credit.
A critical examination of utopian social experiments and the conditions under which they
have succeeded or failed. (Formerly SOC 3333. Credit cannot be earned for both SOC
3333 and SSC 3333.)

3533  Inter-American Relations
(3-0) 3 hours credit.
The development of political, economic, and cultural relations among nations of the
Americas. (Formerly HIS 3533. Credit cannot be earned for both HIS 3533 and SSC
3533.)

4213  Freudian Theory in the Social Sciences
(3-0) 3 hours credit.
The development of Freudian and neo-Freudian thinking and its impact on the Social
Sciences.
4353 **Leadership and Elites**  
(3-0) 3 hours credit.  
A survey of the major theoretical and empirical approaches to the study of elites and leadership. Political, sociological, psychological, and historical perspectives are examined. (Formerly POL 4353. Credit cannot be earned for both POL 4353 and SSC 4353.)

4373 **Program Evaluation**  
(3-0) 3 hours credit. Prerequisite: PSY 3003, PSY 3013, SOC 4103, or SSC 3003, or consent of instructor.  
Theoretical and applied perspectives on the evaluation of social change programs. Focus on the problems involved in designing, implementing, and evaluating community-based intervention.

4951-3 **Special Studies in the Social Sciences**  
1-3 hours credit. Prerequisite: Consent of instructor.  
An organized course offering the opportunity for specialized study not normally or not often available as part of the regular course offerings. Special Studies courses may be repeated for credit when the topics vary, but not more than 6 hours within any one discipline will apply to a bachelor's degree.

**COURSE DESCRIPTIONS**

**URBAN STUDIES (URB)**

3013 **Environment and Human Resources Management**  
(3-0) 3 hours credit.  
Theory, history, and record of manpower programs; basic relationships between institutions and forces which affect the labor market and the ability of public agencies to plan and administer human resources programs.

3033 **Urban Systems Management**  
(3-0) 3 hours credit.  
The complexities of the modern city from a systems approach; survey and analysis of the techniques, tools, problems, and opportunities of contemporary urban management.

3523 **The Contemporary City**  
(3-0) 3 hours credit. Prerequisite: Consent of instructor.  
An introduction to urban America from a multidisciplinary perspective. Attention to the economic, social, political and environmental factors which have produced the physical form and institutional arrangements of the contemporary city. Problems and opportunities currently facing American cities.

3723 **Introduction to Urban Planning**  
(3-0) 3 hours credit. Prerequisite: ENV 3523.  
An introduction to the nature, use, purpose and preparation of a master plan for the future physical growth and development of a community. The course focuses on the planning process by which a city prepares and implements its master plan.

4103 **The Government and Environmental Protection**  
(3-0) 3 hours credit. Prerequisite: Consent of instructor.  
A survey of current federal and state action directed at improving environmental quality. Attention to specific legislation and its implications for the future of our society and various industries.

4203 **Environmental Impact Analysis**  
(3-0) 3 hours credit.  
The National Environmental Policy Act and the procedures for doing environmental impact statements. Students collect data for and write an environmental impact statement.

4503 **Alternative Urban Futures**  
(3-0) 3 hours credit. Prerequisite: Consent of instructor.  
An investigation and discussion of alternatives for future urban life and form. Exploration of possible paths into the future, new forms of urban structure, and the feasibility of utopian ideas for future cities.

4513 **Problems of Urban Change**  
(3-0) 3 hours credit. Prerequisite: Consent of instructor.  
Problems presented by growth and change in the urban environment are explored.
4563  The Latin American City
(3-0) 3 hours credit. Prerequisite: Consent of instructor.
A study of the physical structure of the Latin American city and its cultural, social, and
economic bases; current urban issues and environmental relationships.

RESERVE OFFICER TRAINING CORPS PROGRAM

Army R.O.T.C. A student enrolling at The University of Texas at San Antonio may
pursue courses in Military Science designed to provide the opportunity to develop the
knowledge and skills required for a commission as an officer in the U.S. Army. The
Reserve Officer Training Corps (R.O.T.C.) is open to all qualified students (male and
female) on a voluntary basis. The program is available under cooperative arrange­
ments with St. Mary's University of San Antonio. All courses for those enrolled in the
program are held on The University of Texas at San Antonio campus.

Air Force R.O.T.C. University of Texas at San Antonio students may enroll in Aero­
space Science courses that are required for an officer commission in the U.S. Air
Force. The Air Force Reserve Officer Training Corps (R.O.T.C.) is open to all qualified
students (male and female) on a voluntary basis. The program is available under
cooperative arrangements with Southwest Texas State University in San Marcos. All
courses for UTSA students enrolled in the program are held on The University of
Texas at San Antonio campus.

ARMY RESERVE OFFICER TRAINING CORPS PROGRAM

To obtain a commission as an officer in the U.S. Army, students must complete either
the Four-Year Program or the Two-Year Program in Military Science and be a full-time
student pursuing a baccalaureate degree in one of the disciplines offered by The
University of Texas at San Antonio. Students who complete their Military Science
program prior to receiving their baccalaureate degree receive their commissions
under the Early Commissioning Program and remain in the Army Reserve while com­
pleting their degree requirements.

Credit for military science courses may be applied toward a baccalaureate degree
only as free electives. With respect to the free electives specified in the degree re­
quirements for each major, there is a maximum number of hours of military science
that may be applied to the free electives allowed. Credit for military science courses,
when awarded by another accredited college or university, is accepted by The Univer­
sity of Texas at San Antonio as free elective credit within the same limitations as
military science credit earned at The University.

The Four-Year Program consists of 18 semester hours of military science courses and
is offered in two parts: a Basic Course and an Advanced Course. A formal application
is not required for students entering the Four-Year Program. Registration is accom­
plished at the same time and the same manner as for other university courses. The
Basic Course, consisting of 6 semester hours of course work, is normally taken during
the freshman and sophomore years. Enrollment in the Basic Course does not confer
any military status or commitment upon the student. Students who successfully com­
plete the Basic Course are eligible for entry into the Advanced Course.

The Basic Course requirements may be compressed into one academic year. The
Basic Course may be waived, without credit, for students with prior military service
and/or junior ROTC.

Students who desire enrollment in the Advanced Course but have not completed the
Basic Course may enroll in MSC 2034 or attend a six-week paid summer camp.

The Advanced Course, outlined below in the Two-Year Program, consists of 12 semes­
ter hours of course work and is normally taken during the junior and senior years at
The University.
The Two-Year Program consists of the Advanced Course, the last two years of the Four-Year Program. Students must have two academic years remaining at either the undergraduate or graduate level (or a combination of both) and satisfy the Basic Course requirements through any of the options listed above in the discussion of the Four-Year Program.

Upon entering the Advanced Course, a student is required to sign a contract which obligates him or her to complete the ROTC program and serve a tour of duty as a commissioned officer in the United States Army or Army Reserve. Students enrolled in the Advanced Course receive $100 per month and are eligible to receive additional pay as an "officer trainee" with a local Reserve or National Guard as a participant in the Simultaneous Membership Program.

Students in the Advanced Course attend a paid six-week summer camp between their junior and senior years.

The Army ROTC program offers competitive scholarships for up to three years to selected students. These scholarships provide for tuition, fees, and subsistence of $100 per month.

Participation in a leadership laboratory is required in conjunction with all courses. The laboratory provides the opportunity to acquire leadership skills and experiences that will enhance a student's ability to perform as an Army Officer.

Students enrolled in Army ROTC courses are furnished, free of charge, complete uniforms, texts, and necessary equipment.

The program requirements for the Basic and Advanced Courses are as follows:

<table>
<thead>
<tr>
<th>Basic</th>
<th>Advanced</th>
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<tbody>
<tr>
<td>MSC 1011 or MSC 1101</td>
<td>MSC 3013</td>
</tr>
<tr>
<td>MSC 1021 or MSC 1201</td>
<td>MSC 3023</td>
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<tr>
<td>MSC 2012</td>
<td>MSC 4013</td>
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<td>MSC 2022</td>
<td>MSC 4023</td>
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</tbody>
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**COURSE DESCRIPTIONS**

**MILITARY SCIENCE (MSC)**

**1011 Fundamentals of Leadership and Management I**
(1-2) 1 hour credit.
Organization of the Army and ROTC. Discussion of career opportunities for ROTC graduates and the military as a profession. Customs and traditions of the service. Development of leadership potential. Credit cannot be earned for both MSC 1011 and 1101.

**1021 Fundamentals of Leadership and Management II**
(1-2) 1 hour credit.
Leadership case studies of problems facing junior leaders in today's Army in non-combat situations. Evaluation of weapons and warfare using the principles of warfare as a catalyst. Effects of technological and sociological change on the military. Continuation of customs and traditions of the service. Development of leadership potential. Credit cannot be earned for both MSC 1021 and 1201.

**1101 Leadership Skills I**
(1-2) 1 hour credit.
Opportunity for development of leadership potential through introduction of basic skills. Application of basic map-reading principles. Introduction to orienteering. Introduction to back-packing, hiking, and survival techniques. Practical leadership exercises during three weekend laboratories in which students employ techniques learned in lectures. Credit cannot be earned for both MSC 1011 and 1101.
1201 Leadership Skills II
(1-2) 1 hour credit.
Opportunity for development of leadership potential through introduction to individual and team skills such as mountaineering techniques, marksmanship, watercraft techniques, or first aid. Practical leadership exercises during three weekend laboratories in which students employ techniques learned in lectures. Credit cannot be earned for both MSC 1021 and 1201.

2012 Applied Leadership and Management I
(2-2) 2 hours credit.
American military history. A study of the development of American military institutions, policies, experience, and traditions in peace and war from colonial times to the present. Emphasis will be on the evolution of warfare, military theory and the military profession. Introduction to the operation of basic military teams with emphasis on organization and equipment.

2022 Applied Leadership and Management II
(2-2) 2 hours credit.
Military geography and the use of maps. Continuation of the operation of basic military teams to include the principles of offensive and defensive combat and the functions and responsibilities of the junior leader. Development of leadership potential through practical exercises.

2034 Introduction to Leadership and Management
(4-3) 4 hours credit.
Organization of the Army and ROTC. The military as a profession. Customs and traditions of the service. Leadership case studies of problems facing junior leaders. Military geography and use of maps. Operation of the basic military team. Development of leadership potential through practical exercises. Credit will not be earned for both MSC 2034 and Basic Course requirements.

3013 Advanced Leadership and Management I
(3-2) 3 hours credit. Prerequisites: MSC 1011, 1021, 2012, and 2022, or consent of instructor.

3023 Advanced Leadership and Management II
(3-2) 3 hours credit. Prerequisite: MSC 3013 or consent of instructor.
Performance-oriented instruction in preparation for Advanced Camp. Development of the leader’s ability to express himself, analyze military problems, and prepare and deliver logical solutions. Analysis of the leader’s role in planning, directing, and coordinating the efforts of individuals and small units in the execution of offensive and defensive tactical missions.

4013 Seminar in Leadership and Management of the Military Team
(3-2) 3 hours credit. Prerequisite: MSC 3023 or consent of instructor.
Analysis of selected leadership and management problems. Responsibilities of the Commander and staff in areas of personnel, intelligence, operations, and logistics. Administration of military law. The interrelationships of the military team.

4023 Seminar in Leadership and Management
(3-2) 3 hours credit. Prerequisite: MSC 4013 or consent of instructor.
Analysis of selected leadership and management problems. Responsibilities of the Commander in the management of personnel, account, logistics, operations, maintenance, and unit readiness. Seminars in the role of the officer in the conduct of personal affairs.

AIR FORCE RESERVE OFFICER TRAINING CORPS PROGRAM

To obtain a commission as an officer in the U.S. Air Force, a baccalaureate degree in one of the disciplines offered by The University of Texas at San Antonio and completion of either the Four-Year Program or the Two-Year Program in Aerospace Science is required. Credit for aerospace science courses may be applied toward a baccalaureate degree in the military science or air force reserve officer training corps program.
create degree only as free electives. With respect to the free electives specified in the
degree requirements for each major, there is a maximum number of hours of aer­
space science that may be applied to the free electives allowed.

Credit for aerospace science courses, when awarded by another accredited college
or university, is accepted by The University by Texas at San Antonio as free elective
credit within the same limitations as aerospace science credit earned at The Univer­
sity.

Two routes to an Air Force Commission are available in Air Force ROTC at The Univer­
sity of Texas at San Antonio. Entering students may enroll in the Four-Year Program,
and students with at least two academic years remaining in college may apply for the
Two-Year Program.

For the Four-Year Program, a formal application is not required for entering students.
Registration is accomplished at the same time and the same manner as for other
college courses. During the freshman and sophomore years, students enroll in the
General Military Course (GMC). They then may compete for entry into the Professional
Officer Course (POC), which is outlined below and normally taken during the last two
years of college. Membership in the GMC does not confer any military status or com­
mitment upon the cadet. GMC contract cadets must successfully complete a course
in English composition.

The Two-Year Program consists of the Professional Officer Course (POC), the last two
years of the Four-Year Program. It is designed to provide greater flexibility to meet the
needs of students desiring Air Force opportunities. The basic requirement is that
students have two academic years remaining at either the undergraduate or graduate
level or a combination of both. Since the processing procedure for admission into the
Two-Year Program must be completed well in advance of intended enrollment, stu­
dents interested in the program should apply early in the Fall Semester preceding the
academic year in which they intend to enter the program. Application should be made
in writing or by a personal visit to the Professor of Aerospace Studies. Upon comple­
tion of the six-weeks paid summer field training course, students entering the Two­
Year Program may petition for credit in Aerospace Science, 1011, 1021, 2011, and
2021.

When applicants are enrolled in the Professional Officer Course, they enlist in the Air
Force Reserve which enables them to receive a $100 per month nontaxable allow­
ance.

Participation in a leadership laboratory is required in conjunction with all courses. The
laboratory provides the opportunity to acquire leadership skills and experiences that
will enhance a cadet’s ability to perform as an Air Force Officer.

COURSE DESCRIPTIONS
AEROSPACE SCIENCE
(ASC)

1011 General Military Course I
(1-1) 1 hour credit.
This course examines the development and growth of air power from a historical per­
spective starting before the first powered flights, continuing through World War I, the
inter-war years, and World War II. It traces development of the various concepts for
employment of air power and focuses upon factors which have prompted research and
 technological change.

1021 General Military Course II
(1-1) 1 hour credit.
A continuation of 1011, beginning with the development of air power from World War II to
the present. Various events and trends in the history of air power are examined, espe­
cially where these provide significant examples of the impact of air power on strategic thought. Contemporary defense strategy, concepts, and doctrine are emphasized.

2011 General Military Course III
(1-1) 1 hour credit.
A study of the doctrine, mission and organization of the United States Air Force; United States strategic offensive and defensive forces; their missions and functions; employment of nuclear weapons.

2021 General Military Course IV
(1-1) 1 hour credit.
Aerospace defense; missile defense; United States general purpose forces, and Aerospace support forces; the mission, resources, and operations of the tactical air forces with special attention to limited war; review of Army, Navy, and Marine general purpose forces.

3013 The Professional Officer I
(3-1) 3 hours credit.
A seminar course which examines management principles, functions, tools and problem solving. Throughout the course, students will learn and practice communication skills necessary as future junior officers in the United States Air Force.

3023 The Professional Officer II
(3-1) 3 hours credit.
A seminar course pertaining to professionalism and leadership as applicable to the junior officer. Includes the meaning of professionalism and professional responsibilities. Includes study and practice in the use of Air Force communicative skills.

4013 National Security Forces in Contemporary American Society I
(3-1) 3 hours credit.
A study of the military justice system and the role and function of the professional military officer in a democratic society. Includes examination of American defense policy formulation and implementation. Students are provided the opportunity to learn and practice communication skills necessary as future junior officers in the U.S. Air Force.

4023 National Security Forces in Contemporary American Society II
(3-1) 3 hours credit.
Continuation of 4013, with an extensive analysis of various dynamics involved in defense policymaking. Examination of various institutional agencies in light of their specific interests in defense policy. Case studies involving weapons acquisition programs, technological innovation, doctrinal imperatives, and political factors.