COLLEGE OF SOCIAL
AND BEHAVIORAL SCIENCES
Master of Arts Program in Anthropology

The Master of Arts program in Anthropology at UTSA emphasizes the anthropology of North and Middle America. Students, in conjunction with the faculty, may design their programs on the anthropology of North or Middle America, with a focus on the subdisciplines of archaeology or cultural anthropology. Faculty expertise lies in the archaeology of the Maya region, the archaeology of Texas and the Greater Southwest, the cultural anthropology of Texas and the Plains, ethnography and applied anthropology of Mexico and the United States, and medical anthropology of the Border region.

Program Admission Requirements. All applicants must submit a 500-word statement of purpose and two letters of recommendation with their applications. All applicants for admission as degree-seeking students must submit Graduate Record Examination aptitude test (GRE) scores. Applicants who meet University-wide admission requirements but who do not submit GRE scores at the time of application may be granted conditional admission until GRE scores are received.

Applicants who do not meet University-wide admission requirements may be admitted conditionally if GRE scores or previous work in the field suggest unrealized academic potential.

Applicants for admission as non-degree-seeking students (special graduate students or transient graduate students) need not submit GRE scores but should have completed at least 12 semester credit hours in anthropology (with no more than 6 of the 12 in field school) prior to application. Non-degree-seeking students may be limited in the courses they will be permitted to take. Admission as a non-degree-seeking student does not ensure subsequent admission as a degree-seeking student.

Applicants who are able to visit the UTSA campus are encouraged to meet with the division’s graduate advisor of record and members of the anthropology faculty in conjunction with the application.

Degree Requirements. In addition to the general requirements for graduate study at UTSA, the Master of Arts degree in Anthropology requires the following:

A. **Option I (with thesis):**
   - 33 semester credit hours, as follows:
     - 27 semester credit hours of coursework (at least 18 of these hours must be in anthropology)
     - 6 semester credit hours of ANT 6983: Master’s Thesis

OR
Option II (without thesis):
36 semester credit hours of coursework. Students seeking this option must petition the Anthropology Graduate Studies Committee. Normally, permission is granted only on presentation of evidence that the student has previously done scholarly work equivalent to that required in a master's thesis. Such evidence would be a scholarly contribution of monograph length, reflecting in-depth research on a topic. A major published article or monograph may potentially meet these requirements.

B. A basic sequence of courses is required as part of the program of study:

   ANT  5023    History, Method, and Theory of Archaeology
   ANT  5033    Paradigms of Americanist Anthropology

C. Depending on the student's interest area, at least one of the following methods courses is required:

   ANT  5513    Field Research Methods in Archaeology
   ANT  6353    Field Research Methods in Cultural Anthropology

D. A maximum of 12 semester credit hours of archaeological fieldwork (ANT 5556, 6443, 6953, or 6933) may be applied toward the degree.

E. Normally, students will take a minimum of 15 semester credit hours of regular, organized, graduate anthropology courses (this excludes fieldwork, independent studies, and internships). Exceptions may only be granted by the Graduate Studies Committee in Anthropology.

F. All students are expected to develop a primary regional expertise based on classes chosen in consultation with their advisors. Knowledge of this region will be evaluated as part of the comprehensive evaluation (see below). In addition, all students must take at least one other course focusing on a second region. This course may be in a subdiscipline other than that of the student's main interest.

G. Although there is no programwide language proficiency requirement, certain programs of study will require students to demonstrate proficiency in a second language or in statistics. Students should consult their advisors regarding this matter.

H. A comprehensive examination, both written and oral, tailored to the student's program and area of concentration is required of students in both options. The Comprehensive Examination will be taken no later than nine months after the completion of the 21 semester credit hours of required organized courses. Satisfactory performance on the Comprehensive Examination is required before writing the master's thesis for Option I students, or before enrolling in the last 9 semester credit hours of coursework for Option II students.
COURSE DESCRIPTIONS
ANTHROPOLOGY
(ANT)

5023 History, Method, and Theory of Archaeology
(3-0) 3 hours credit.
A survey of the history and development of archaeology, research techniques, and method and theory of prehistoric research. May be repeated for credit with different instructors.

5033 Paradigms of Americanist Anthropology
(3-0) 3 hours credit.
This course surveys the main conceptual, methodological, and theoretical developments in cultural anthropology, with particular emphasis on their application to the study of indigenous peoples of the Americas.

5043 Seminar in Laboratory Methods in Anthropology
(3-0) 3 hours credit.
This seminar reviews the physical and technical aspects of analysis of anthropological materials. May be repeated for credit when topics vary.

5283 Hunters and Gatherers
(3-0) 3 hours credit.
A study of the major issues archaeologists address concerning the cultural ecology and cultural evolution of hunters and gatherers around the world.

5413 Seminar in the Prehistory of Texas and Adjacent Areas
(3-0) 3 hours credit.
Intensive study of prehistoric and early historic aboriginal cultures of Texas and adjacent areas. Focus is on problems of interpretation, current archaeological research of the region, and the impact of federal legislation on Texas archaeology.

5453 Seminar on the Archaeology of the American Southwest and Adjacent Regions
(3-0) 3 hours credit.
Review of the major prehistoric cultures of the American Southwest including the Anasazi, Mogollon, and Hohokam cultural regions and adjacent areas. Emphasis will be placed on current research.

5513 Seminar in Analytical Methods in Archaeology
(3-0) 3 hours credit.
Basic quantitative and qualitative approaches to the analysis and interpretation of archaeological field and laboratory data are reviewed.

5556 Field Course in Archaeology
(2-12) 6 hours credit. Prerequisite: Consent of instructor.
The opportunity for advanced training in field procedures and their applications to problem-oriented field research. May be repeated for credit.
Seminar in the Anthropology of Mesoamerica
(3-0) 3 hours credit.
Attention is centered on a limited number of significant problems in Mesoamerican anthropology to which materials from archaeology, ethnology, and ethnohistory contribute. Examples of such problems are demography and the rise of Mayan civilization, roots of Mesoamerican peasant culture, and distribution analysis of cultural and language variance. May be repeated for credit when topics vary.

Seminar in Medical Anthropology
(3-0) 3 hours credit. Prerequisite: ANT 3173 recommended.
Attention is centered on a limited number of significant problems in medical anthropology to which materials from ethnohistory, archaeology, ethnology, paleopathology, and cultural ecology contribute. Topics may include interaction of genetic and cultural influences and health consequences of technological change. May be repeated for credit when topics vary.

Seminar in Recent Trends in Archaeological Method and Theory
(3-0) 3 hours credit.
A survey of major issues in archaeological method and theory. Attention will be focused on recent methodological and theoretical developments in archaeology. May be repeated for credit with different instructors.

Topics in the Anthropology of Native North America
(3-0) 3 hours credit.
An organized course which examines topics of current interest to anthropologists with a focus on North America. May be repeated for credit.

Seminar in Research Design and Proposal Writing
(3-0) 3 hours credit.
This course will familiarize students with the philosophical foundations of social science research, the structure and types of research designs, and pragmatic considerations of data acquisition and analysis. The relationship between theory and research design and methods is emphasized. The final course project is a thesis research proposal for submission for funding.

Field Research Methods in Cultural Anthropology
(3-0) 3 hours credit.
The study and practice of field research methods of cultural anthropology emphasizing participant observation and use of informants.

Supervised Field Research
(0-12) 3 hours credit. Prerequisite: Consent of instructor.
The course is designed to offer the opportunity for intensive training and requires the student to carry out independent research and analysis of field data. May be repeated for credit.

Seminar in Cultural Resource Management
(3-0) 3 hours credit.
This seminar reviews the legislative basis, practical application, and current state of cultural resource management in Texas and the United States.
6931-3 Internship in Anthropology
1 to 3 hours credit.
A supervised experience, relevant to the student's program of study, within selected community organizations. Must be taken on a Credit/No Credit basis, but not more than 6 hours will apply to a master's degree.

6951-3 Independent Study
1 to 3 hours credit. Prerequisites: Graduate standing and permission in writing (form available) of the instructor and the student's graduate advisor of record.
Independent reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours, regardless of discipline, will apply to a master's degree.

6961 Comprehensive Examination
1 hour credit. Prerequisite: Approval of the appropriate graduate studies committee to take the Comprehensive Examination.
Independent study course for the purpose of taking the Comprehensive Examination. May be repeated as many times as approved by the Graduate Studies Committee. Enrollment is required each term in which the Comprehensive Examination is taken if no other courses are being taken that term. The grade report for the course is either CR (satisfactory performance on the Comprehensive Examination) or NC (unsatisfactory performance on the Comprehensive Examination).

6971-3 Special Problems
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 Problems courses may be repeated for credit when the topics vary.

6983 Master's Thesis
3 hours credit. Prerequisites: Permission of the Graduate Advisor of Record and thesis director.
Thesis research and preparation. May be repeated for credit, but not more than 6 hours will apply to the master's degree. Credit will be awarded upon completion of the thesis. Enrollment is required each term in which the thesis is in progress.

Master of Arts Degree in History

The Master of Arts degree program in History offers students the opportunity to study history and the historian's craft. The program is designed to serve the needs of the individual students as well as the educational and intellectual interests of San Antonio and South Texas.

The program has two objectives: first, to give students an understanding of the discipline, and second, to involve them in the process of historical research and
writing. Students will become acquainted with the work of historians and will approach their study of local and national societies from the viewpoint of a professional historian.

The history program offers both a thesis and a nonthesis option. Students who anticipate graduate work beyond the master's level are advised to select the thesis option.

**Program Admission Requirements.** All applicants for admission as graduate degree-seeking students must submit Graduate Record Examination aptitude test (GRE) scores. Applicants who meet University-wide admission requirements but who do not submit GRE scores at the time of application may be granted conditional admission until GRE scores are received.

Applicants who do not meet University-wide admission requirements may be admitted conditionally if GRE scores, letters of recommendation, or previous work in the field suggest unrealized academic potential.

Applicants for admission as non-degree-seeking students (special graduate students or transient graduate students) need not submit GRE scores but should have completed at least 12 semester credit hours in history or a related field prior to application. Non-degree-seeking students may be limited in the courses they will be permitted to take. Admission as a non-degree-seeking student does not ensure subsequent admission as a degree-seeking student.

**Degree Requirements.** The minimum number of semester credit hours required for this degree, exclusive of coursework or other study required to remove admission deficiencies, is 33.

All candidates for the degree must complete

A. 6 semester credit hours chosen from general field readings courses:

- HIS 5013 Modern Europe
- HIS 5033 Readings in American History I
- HIS 5043 Readings in American History II
- HIS 5053 Medieval Europe
- HIS 5063 Early Modern Europe

B. 15 semester credit hours of elective courses, chosen in consultation with the student's advisor. Up to 6 of the elective hours may be taken in disciplines outside history with the prior approval of the student's graduate advisor of record. Such outside courses must clearly support the student's program of study.

C. 6 semester credit hours consisting of the sequence

- HIS 6813 Proseminar in History
- HIS 6903 Research Seminar in History

This sequence will vary in subject. A student should first take HIS 6813 and then HIS 6903 in the same subject.
D. 6 semester credit hours to be taken as follows:

Option I (with thesis):
The satisfactory completion of HIS 6983: Master's Thesis (6 hours) in accordance with University regulations as stated under Options for Master's Degrees in chapter 6, Master's Degree Regulations.

Option II (without thesis):
Another sequence of HIS 6813 and HIS 6903 in addition to that required under C, above. Sequence should be on a single subject, different from that covered under C.

In addition to the semester-credit-hour requirements set forth above, all candidates for the degree are required to pass a written comprehensive examination. The Comprehensive Examination is taken in or after the semester in which the student completes the requirements in Sections A, B, and C above; it must be passed before the student can enroll in HIS 6983: Master's Thesis under Option I or receive a degree under Option II.

A description of the procedures and requirements of the Comprehensive Examination is available from the student's academic advisor or the Graduate Advisor of Record.

Competence in either a foreign language or a technical research methodology is required of all students. The requirement must be fulfilled before a student in Option I enrolls in HIS 6983: Master's Thesis and by the time a student in Option II applies for graduation. Normally, the language competence option will be selected by students whose areas of research concentration are deemed by the Graduate Studies Committee to require knowledge of a foreign language. Language competence is demonstrated by completing at least four semesters in the same language at the university level or four years in the same language at the high school level (with a grade of "C" or higher) or by achieving the equivalent CLEP test score in a language. Technical research competence is demonstrated by passing HIS 6613: Technical Methods.

COURSE DESCRIPTIONS
HISTORY
(HIS)

5013  Modern European History
(3-0) 3 hours credit.
An examination of the major historical and historiographical problems in the history of Europe from the seventeenth century to the present. (Formerly HIS 5083. Credit cannot be earned for both HIS 5013 and HIS 5083.)

5033  Readings in American History I
(3-0) 3 hours credit.
Overview of important historiographical issues in American history to 1877, intended to acquaint the student with current directions in research and interpretation. (Credit cannot be earned for both HIS 5033 and HIS 5073.)
5043 **Readings in American History II**  
(3-0) 3 hours credit.  
Overview of important historiographical issues in American history from 1877 to the present. Intended to acquaint students with current directions in historical research and interpretation.

5053 **Medieval History**  
(3-0) 3 hours credit.  
An examination of the major problems in the history of medieval Europe, from the second to the fourteenth century. The course will focus on changing interpretations in medieval history, but will also stress the reading of primary texts.

5063 **Early Modern European History**  
(3-0) 3 hours credit.  
An examination of the major historiographical and historical problems in early modern European history, from the fourteenth century to the seventeenth century.

5093 **Designing a College-Level History Survey**  
(3-0) 3 hours credit.  
A comprehensive approach to constructing history survey courses for the college level. Topics may include a survey of current curriculum debates; course and syllabus design; selection of textbook and other readings; evaluation and grading; leading discussions; nontraditional instructional methods, including the use of new technologies; and lecture preparation and presentation.

5123 **The American Revolution, 1763–1789**  
(3-0) 3 hours credit.  
A history of British America from the imperial crisis of 1763 to the ratification of the United States Constitution in 1789, with emphasis on the early beginnings of the American nation and social, economic, military, and cultural features of the revolutionary movement.

5153 **The Civil War and Reconstruction, 1850–1877**  
(3-0) 3 hours credit.  
An examination of the political, social, and economic factors in the 1850s that led to the American Civil War, as well as a study of the military, diplomatic, and political consequences of the war and efforts to create a new union.

5183 **The Rise of Industrial America**  
(3-0) 3 hours credit.  
An examination of developments in the United States in the late nineteenth century and early twentieth century. Specific topics may include state building, the organization of industrialization, reform movements, and the effects of immigration and urbanization on American society.
5193 The Emergence of Modern America, 1929 to the Present
(3-0) 3 hours credit.
Analysis of recent American history with emphasis upon the rise of the
United States as a world power, the Great Depression, FDR and the New
Deal, World War II, the Cold War, and an assessment of the administrations
of recent presidents.

5203 American Political History
(3-0) 3 hours credit.
Examines the role of government and the political process in the United
States. Topics may include the origins of the political system, the evolution
of political parties, and the expansion of the public sector.

5263 The Spanish Borderlands, 1521–1821
(3-0) 3 hours credit.
A comprehensive study of Spanish exploration and colonization in the
borderlands adjacent to the international boundary between the southwestern
United States and Mexico. Emphasis on Hispanic institutions and cultural
values which shaped the development of a frontier society on the eve of
Mexican independence. Attention is given to bibliographic sources and
specialized readings.

5303 Twentieth-Century Texas
(3-0) 3 hours credit.
An examination of Texas society, culture, and politics in modern times.
Topics may include the period of reform in the 1890s, the boom in oil, the
growth of cities, the politics of the Progressive Era, the developments of
the Twenties, the Depression and New Deal, World War II, the era of Lyndon
Baines Johnson, and the expansion of industry in the state and the Sun
Belt.

5313 South Texas: Rural and Urban
(3-0) 3 hours credit.
An overview and analysis of the development of South Texas, from pre-
Columbian cultures to the rise of urbanization. Emphasis on Spanish
exploration and settlement of Nuevo Santander, contact with indigenous
cultures, the impact of nineteenth-century warfare, and the rapid
transformation of the region through urbanization.

5423 Colonial Mexico
(3-0) 3 hours credit.
A detailed examination of the Spanish conquest and colonization of Mexico
from 1521 to Independence. Special attention will be paid to the
transformation of Indian society under Spanish rule, the development of
the colonial economy, and the formation of an interrelated colonial elite.
Mexico Since Independence
(3-0) 3 hours credit.
Examines the history of Mexico following independence from Spain in 1821. Consideration will be given to the disintegration of the colonial system, the nineteenth-century reforms, the Porfiriato, the Mexican Revolution, and their effects on contemporary Mexico. Students may have the opportunity to work in Mexico.

Latin American Social Movements
(3-0) 3 hours credit.
An examination of various social movements during the colonial and national periods. The course will focus on peasant movements, social banditry, slave resistance, and modern working-class mobilizations.

From Scholasticism to the Rise of Science
(3-0) 3 hours credit.
This course will focus on the emergence of a new culture in Italy as a consequence of the end of the Middle Ages and the decay of the medieval synthesis. It will then examine the nature of the Northern European Renaissance, the Reformation, the Wars of Religion, and the rise of Skepticism and Rationalism.

Stalin and Stalinism
(3-0) 3 hours credit.
This course examines the essential features of Stalinism, identifying their antecedents and comparing Stalinism with other social revolutionary or state-building strategies.

Modern Chinese History
(3-0) 3 hours credit.
This course examines Chinese history since 1550, with a focus on the major historiographical debates in recent scholarship.

Modern Japanese History
(3-0) 3 hours credit.
The history of Japan since 1600, with particular emphasis on interpretive debates and methodological issues.

The Chinese Diaspora
(3-0) 3 hours credit.
This course examines the history of Chinese international migration and settlement from the sixteenth century to the present, with emphasis on the period since 1800.

The Origins of the World Wars
(3-0) 3 hours credit.
An examination of the complex processes leading up to the outbreak of world war in 1914 and 1939. Focuses both on international politics and the internal politics of major warring nations.

UTSA 1997–99 Graduate Catalog
6113 Law and Society in America
(3-0) 3 hours credit.
An examination of the role of law as both a reflection and initiator of change in American life, from colonial times to the present. Subjects will range from seventeenth-century slavery to the equal rights revolution of the twentieth century.

6163 Women in the U.S.
(3-0) 3 hours credit.
Analyzes the experiences of women in the United States from the colonial period to the present. Topics may include economic roles, legal issues, religion, culture, feminist movements, and family life.

6173 Hispanics in the U.S.
(3-0) 3 hours credit.
Examines the Mexican American, Cuban American, and Puerto Rican American experience in the United States, treating the historical relationship between this nation and the countries of origin and the interaction between these groups and mainstream society.

6213 Modern Warfare
(3-0) 3 credit hours.
A comparison of the ways culture has influenced the conduct of warfare in Europe and America since the rise of the nation-state.

6413 Topics in U.S. History
(3-0) 3 hours credit.
Examines topics of current interest to historians of the United States. May be repeated for credit when topics vary.

6423 Topics in European History
(3-0) 3 hours credit.
Examines topics of current interest to historians of Europe. May be repeated for credit when topics vary.

6433 Topics in Latin American History
(3-0) 3 hours credit.
Examines topics of current interest to historians of Latin America. May be repeated for credit when topics vary.

6473 Topics in Asian History
(3-0) 3 hours credit.
Examines topics of current interest to historians of Asia. May be repeated for credit when topics vary.

6613 Technical Methods
(3-0) 3 hours credit.
Introduction of quantitative analysis of historical sources. Students will have the opportunity to gain experience in research design, data collection,
data manipulation, and statistical analysis with the aid of mainframe and microcomputers. Prior experience with computers or coursework in statistics is desirable but not required.

6813 Proseminar in History
(3-0) 3 hours credit.
A detailed investigation of a major historical subject, with particular attention to current research and major interpretations. Intended as preparation for HIS 6903. May be repeated for credit when topics vary.

6903 Research Seminar in History
(3-0) 3 hours credit. Prerequisite: HIS 6813 in the specific subject of the seminar or consent of instructor.
An examination of research materials pertinent to topics in history explored in HIS 6813, of methodologies developed to interpret these materials, and of theoretical issues guiding inquiry. Preparation of a primary research paper required. May be repeated for credit when topics vary.

6951-3 Independent Study
1 to 3 hours credit. Prerequisites: Graduate standing and permission in writing (form available) of the instructor and the student’s graduate advisor of record.
Independent reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours, regardless of discipline, will apply to the master’s degree.

6961 Comprehensive Examination
1 hour credit. Prerequisite: Approval of the appropriate graduate studies committee to take the Comprehensive Examination.
Independent study course for the purpose of taking the Comprehensive Examination. May be repeated as many times as approved by the Graduate Studies Committee. Enrollment is required each term in which the Comprehensive Examination is taken if no other courses are being taken that term. The grade report for the course is either CR (satisfactory performance on the Comprehensive Examination) or NC (unsatisfactory performance on the Comprehensive Examination).

6973 Special Problems
(3-0) 3 hours credit.
An organized course providing specialized study in a historical field not normally available as part of the regular course offerings. May be repeated for credit when topics vary.
Master's Thesis
3 hours credit. Prerequisites: Permission of the Graduate Advisor of Record and thesis director. Thesis research and preparation. May be repeated for credit, but not more than 6 hours will apply to the master's degree. Credit will be awarded upon completion of the thesis. Enrollment is required each term in which the thesis is in progress.

Master of Science Degree in Psychology

The Master of Science program in Psychology has been designed to address the needs of two groups of prospective students. The first group comprises individuals who wish to pursue doctoral studies and need additional coursework and research experience in order to be competitive for admission to doctoral programs. The second group comprises individuals who intend to remain in the greater San Antonio area and need graduate-level training in order to be competitive for jobs in local behavioral science laboratory settings. In order to attempt to meet the needs of these groups, the program has been designed to give students extensive research experience in addition to coursework in experimental methodology, statistics, and the content areas of experimental psychology (e.g., social, personality, cognitive, developmental, clinical).

Program Admission Requirements. Applicants for unconditional admission as graduate degree-seeking students must submit Graduate Record Examination aptitude test (GRE) scores by the application deadline for Fall Semester admission (under normal circumstances, students will not be admitted for Spring or Summer Semesters because of course sequencing requirements in the program). Combined scores of 1000 on the verbal and quantitative sections of the GRE aptitude test are required.

Applicants for unconditional admission must meet University-wide admission requirements, have completed a minimum of 18 undergraduate semester credit hours in psychology (12 of which must be upper-division), and have attained a grade-point average of at least 3.0 in the last 60 hours of undergraduate coursework.

Each applicant for admission must submit two additional items to the Psychology Graduate Studies Committee by the application deadline:

1. two letters of recommendation from behavioral scientists with whom the applicant has taken courses
2. a statement of professional goals and areas of special preparation, including research experience (required form available on request).

Applicants who do not meet requirements for unconditional admission will be considered for admission on a conditional basis if there are indications of unrealized potential.

The highly individualized nature of the program dictates that only a limited number of students be admitted each year.

UTSA 1997–99 Graduate Catalog
Degree Requirements. The minimum number of semester credit hours required for this degree, exclusive of coursework or other study required to remove admission deficiencies, is 36. Typically, students will complete the program in either two years (taking three courses per semester, excluding summers) or three years (taking two courses per semester, excluding summers).

All candidates for the degree must complete

A. 12 semester credit hours of core courses typically completed during the first year:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>PSY 5113</td>
<td>Contemporary Research Paradigms in Psychology</td>
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<tr>
<td>PSY 5213</td>
<td>Design Considerations in Behavioral Research</td>
</tr>
<tr>
<td>PSY 5413</td>
<td>Inferential Statistics</td>
</tr>
<tr>
<td>PSY 6113</td>
<td>Perspectives in Measurement of Behavior</td>
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</tbody>
</table>

B. 9 hours chosen from

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<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>PSY 5303</td>
<td>Research Seminar in Developmental Psychology</td>
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<tr>
<td>PSY 5313</td>
<td>Research Seminar in Psychopathology</td>
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<tr>
<td>PSY 5323</td>
<td>Research Seminar in Individual Differences and Personality Assessment</td>
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<tr>
<td>PSY 5333</td>
<td>Research Seminar in Social Psychological Research</td>
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<tr>
<td>PSY 5343</td>
<td>Research Seminar in Human Cognition</td>
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C. 3 hours chosen from

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<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>PSY 5503</td>
<td>Research Apprenticeship in Developmental Psychology</td>
</tr>
<tr>
<td>PSY 5513</td>
<td>Research Apprenticeship in Psychopathology</td>
</tr>
<tr>
<td>PSY 5523</td>
<td>Research Apprenticeship in Individual Differences and Personality Assessment</td>
</tr>
<tr>
<td>PSY 5533</td>
<td>Research Apprenticeship in Social Psychological Research</td>
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<tr>
<td>PSY 5543</td>
<td>Research Apprenticeship in Human Cognition</td>
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</table>

D. Each student is required to write a master's thesis and enroll in 6 hours of PSY 6983 (Master's Thesis)

E. 6 hours of electives chosen from

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<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>PSY 6213</td>
<td>Correlation and Regression Analyses</td>
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<tr>
<td>PSY 6513</td>
<td>Psychology Research Internship</td>
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<tr>
<td>PSY 6951-3</td>
<td>Independent Study</td>
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<tr>
<td>PSY 6973</td>
<td>Special Problems</td>
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</table>

Students admitted to the program should consult their assigned faculty advisors or the Graduate Advisor of Record for specific program requirements.

The program does not require proficiency in a foreign language. A written comprehensive exam is required before students may register for Master's Thesis.
COURSE DESCRIPTIONS
PSYCHOLOGY
(PSY)

5113 Contemporary Research Paradigms in Psychology
(3-0) 3 hours credit.
An introduction to the research questions and the theoretical and
methodological assumptions that characterize different subfields in
psychology.

5213 Design Considerations in Behavioral Research
(3-0) 3 hours credit.
An examination of criteria and procedures for translating questions of theory
and application into effective and relevant research plans.

5303 Research Seminar in Developmental Psychology
(3-0) 3 hours credit. Prerequisite: One of the following: PSY 5213, PSY
5413, PSY 6213, or consent of the instructor.
A critical analysis of the theories and empirical evidence that form the
basis for understanding developmental change. Special emphasis will be
given to the issue of measurement of age-related change.

5313 Research Seminar in Psychopathology
(3-0) 3 hours credit. Prerequisites: One of the following: PSY 5213, PSY
5413, PSY 6213, or consent of the instructor.
A critical analysis of the theories, research methodology, and empirical
evidence that form the basis for understanding and treating mental disorders.

5323 Research Seminar in Individual Differences and Personality Assessment
(3-0) 3 hours credit. Prerequisites: One of the following: PSY 5213, PSY
5413, PSY 6213, or consent of the instructor.
A critical analysis of the theories and empirical data regarding the
psychological processes that underlie individual differences in personality.

5333 Research Seminar in Social Psychological Research
(3-0) 3 hours credit. Prerequisites: One of the following: PSY 5213, PSY
5413, PSY 6213, or consent of the instructor.
A critical analysis of the theories and empirical findings regarding the
psychological processes that underlie human social behavior.

5343 Research Seminar in Human Cognition
(3-0) 3 hours credit. Prerequisites: One of the following: PSY 5213, PSY
5413, PSY 6213, or consent of the instructor.
A critical analysis of the ways that humans select, organize, store, retrieve,
modify, and apply information as they cope with the problems the world
poses them. The seminar will focus on selected topics of significance in the
contemporary information-processing literature.
5413  Inferential Statistics  
(3-0) 3 hours credit. Prerequisite: Completion of STA 1993 or an equivalent. Application of selected parametric and nonparametric procedures to the analysis and interpretation of empirical data.

5503  Research Apprenticeship in Developmental Psychology  
(1-6) 3 hours credit. Prerequisite: PSY 5303. Under faculty supervision, students will be responsible for developing experimental procedures, conducting experimental sessions, analyzing data, and preparing reports in an active research setting in developmental psychology.

5513  Research Apprenticeship in Psychopathology  
(1-6) 3 hours credit. Prerequisite: PSY 5313. Under faculty supervision, students will be responsible for developing experimental procedures, conducting experimental sessions, analyzing data, and preparing reports in an active research setting in experimental psychopathology.

5523  Research Apprenticeship in Individual Differences and Personality Assessment  
(1-6) 3 hours credit. Prerequisite: PSY 5323. Under faculty supervision, students will be responsible for developing experimental procedures, conducting experimental sessions, analyzing data, and preparing reports in an active research setting in personality.

5533  Research Apprenticeship in Social Psychological Research  
(1-6) 3 hours credit. Prerequisite: PSY 5333. Under faculty supervision, students will be responsible for developing experimental procedures, conducting experimental sessions, analyzing data, and preparing reports in an active research setting in social psychology.

5543  Research Apprenticeship in Human Cognition  
(1-6) 3 hours credit. Prerequisite: PSY 5343. Under faculty supervision, students will be responsible for developing experimental procedures, conducting experimental sessions, analyzing data, and preparing reports in an active research setting in cognition.

6113  Perspectives in Measurement of Behavior  
(3-0) 3 hours credit. An examination of criteria and procedures for the development of valid and reliable measures of behavior.

6213  Correlation and Regression Analyses  
(3-0) 3 hours credit. Prerequisite: Completion of STA 1993 or equivalent. Application of selected multivariate procedures to the analysis and interpretation of empirical data.
6513 **Psychology Research Internship**  
(3-0) 3 hours credit. Prerequisites: Consent of instructor and student’s graduate advisor.  
Students will assist in conducting supervised research in a local organization. May be repeated for credit to a maximum of 6 hours.

6951-3 **Independent Study**  
1 to 3 hours credit. Prerequisites: Graduate standing and permission in writing (form available) of the instructor and the student’s graduate advisor of record.  
Independent reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours, regardless of discipline, will apply to the master’s degree.

6961 **Comprehensive Exam**  
1 hour credit. Prerequisite: Approval of the Graduate Studies Committee to take the Comprehensive Examination.  
Independent study course for the purpose of taking the Comprehensive Examination. Enrollment is required each term in which the Comprehensive Examination is taken if no other courses are being taken that term. The grade report for the course is either CR (satisfactory performance on the Comprehensive Examination) or NC (unsatisfactory performance on the Comprehensive Examination).

6973 **Special Problems**  
(3-0) 3 hours credit. Prerequisites: Consent of instructor and student’s graduate advisor.  
An organized course offering the opportunity for specialized study not normally or not often available as part of the regular course offerings. The course may be repeated for credit when the topics vary, but no more than 3 hours, regardless of discipline, may be applied to the master’s degree.

6983 **Master’s Thesis**  
3 hours credit. Prerequisites: Written thesis proposal must be approved by Graduate Studies Committee prior to enrollment.  
Supervised thesis research and preparation. May be repeated for credit, but no more than 6 hours will apply to the master’s degree. Credit will be awarded upon completion of the thesis. Enrollment is required each term in which the thesis is in progress.
DIVISION OF BICULTURAL-BILINGUAL STUDIES

Master of Arts Degree in Bicultural-Bilingual Studies

The Master of Arts degree in Bicultural-Bilingual Studies is designed to respond to a variety of societal needs through advanced multidisciplinary study in the fields of language, culture, and related disciplines. It has concentrations in

- Bicultural-Bilingual Education
- Bicultural Studies
- English as a Second Language

Program Admission Requirements. The Division of Bicultural-Bilingual Studies offers an interdisciplinary program that encourages applicants from a wide range of disciplines. All applicants are required to submit scores from the Graduate Record Examination aptitude test (GRE). These scores will be used as one element in the evaluation of applicants.

Degree Requirements. All candidates for the Master of Arts degree in Bicultural-Bilingual Studies are required to complete successfully a 36-semester-credit-hour program. Upon completion of at least 30 semester credit hours of coursework, the candidate will be required to pass a written and oral comprehensive examination.

Candidates for the concentration in Bicultural-Bilingual Education must demonstrate proficiency in a second language.

Candidates for the concentrations in Bicultural Studies and in English as a Second Language are required to give evidence of second language learning experiences acceptable to the division's graduate studies committee.

Bicultural-Bilingual Education Concentration

This concentration is offered for those who are interested in advanced study in the design and implementation of bicultural-bilingual education programs. This interdisciplinary course of study presents systematic instruction in bilingualism, cultural dynamics, and applied linguistics. It also includes an examination of theory and research related to effective bilingual education. The master's degree is offered under two options: thesis and nonthesis.

Degree Requirements. All candidates for the degree must complete the following:

A. Required coursework. 30 semester credit hours of coursework from six major areas as follows:

  Sociocultural Studies (6 semester credit hours required from the following):

*Information on the GRE and applications for the test may be obtained from the Testing Center at UTSA or from the Educational Testing Service, Princeton, New Jersey, 08540. The institution code for the University of Texas at San Antonio is 6919-5 for the GRE.

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Foundations for Bicultural Studies
Multicultural Groups in the United States
Cultural Adaptation in Bilingual Societies
Psychological Considerations in Bicultural-Bilingual Environments
Sociolinguistics for Bilingual and Second Language Studies
Hispanic Biculturalism in the United States

Bilingual Education Theory (3 semester credit hours required):
BBL 5113 Theoretical Foundations of Bicultural-Bilingual Education

Linguistics and Second Language Studies (3 semester credit hours required from the following):
ESL 5003 Linguistics for Second Language and Bilingual Specialists
ESL 5013 Foundations of Second Language Acquisition

Teaching Methodology: Content and Language (6 semester credit hours required from the following):
BBL 5033 Bilingual Content Instruction
BBL 5063 Biliteracy in Bilingual Classrooms
BBL 5143 Communication in Bilingual Classrooms
BBL 5193 Multicultural Literature for Children

Research and Assessment (6 semester credit hours required):
a. BBL 5053 Assessment in Bilingual and Second Language Studies
b. 3 additional semester credit hours, selected from the following:
BBL 6043 Bilingual Education Research
BBL 6063 Research Methods in Bilingual and Second Language Studies

English as a Second Language (6 semester credit hours required from the following):
ESL 5053 Second Language Instruction in School Contexts
ESL 5063 Language and Content-Area Instruction
ESL 6063 Second Language Writing

B. Option I. Master's Thesis. 6 semester credit hours
OR
Option II. Electives. 6 semester credit hours of graduate elective coursework in Bicultural-Bilingual Studies, English as a Second Language, or in approved related areas
Bicultural Studies Concentration

This program of study offers the student the opportunity to pursue an interdisciplinary approach to the study of sociocultural dynamics in multicultural societies. Specific emphasis is on the study of biculturalism in the United States. Courses are designed for persons with professional, policy, and research interests in intercultural relations, government, education, ethnic studies, urban studies, business, health, and social services. Students who pursue this degree may come from a wide range of academic backgrounds including, for example, the humanities, social sciences, and business. At least 21 semester credit hours must be taken in courses with a BBL designation. The master's degree is offered under two options: thesis and nonthesis.

Degree requirements. All candidates for the degree must complete the following:

A. Required coursework. 30 semester credit hours of coursework from four major areas as follows:

Sociocultural Foundations (12 semester credit hours required):

a. BBL 5003 Foundations for Bicultural Studies

b. 9 additional semester credit hours, selected from the following:

<table>
<thead>
<tr>
<th>BBL</th>
<th>5013</th>
<th>Multicultural Groups in the United States</th>
</tr>
</thead>
<tbody>
<tr>
<td>BBL</td>
<td>5023</td>
<td>Cultural Adaptation in Bilingual Societies</td>
</tr>
<tr>
<td>BBL</td>
<td>5073</td>
<td>Psychological Considerations in Bicultural-Bilingual Environments</td>
</tr>
<tr>
<td>BBL</td>
<td>5133</td>
<td>Latino Biculturalism in the United States</td>
</tr>
<tr>
<td>BBL</td>
<td>6033</td>
<td>Topics in Bicultural Studies*</td>
</tr>
</tbody>
</table>

Historical Foundations (3 semester credit hours required from the following):

<table>
<thead>
<tr>
<th>ANT</th>
<th>5233</th>
<th>Concepts of Ethnohistory</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS</td>
<td>5263</td>
<td>The Spanish Borderlands, 1521–1821</td>
</tr>
<tr>
<td>HIS</td>
<td>5423</td>
<td>Colonial Mexico</td>
</tr>
<tr>
<td>HIS</td>
<td>6173</td>
<td>Hispanics in the U.S.</td>
</tr>
</tbody>
</table>

Language and Expressive Culture (9 semester credit hours required from the following):

<table>
<thead>
<tr>
<th>AHC</th>
<th>5823</th>
<th>Topics in Mesoamerican Pre-Columbian Art</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHC</td>
<td>5843</td>
<td>Topics in Latin American Colonial Art</td>
</tr>
<tr>
<td>AHC</td>
<td>5853</td>
<td>Topics in Contemporary Latin American Art</td>
</tr>
<tr>
<td>BBL</td>
<td>5043</td>
<td>Ethnography of Communication</td>
</tr>
<tr>
<td>BBL</td>
<td>5093</td>
<td>Multicultural Art and Folklore in the U.S.</td>
</tr>
<tr>
<td>BBL</td>
<td>5123</td>
<td>Sociolinguistics for Bilingual and Second Language Studies</td>
</tr>
<tr>
<td>BBL</td>
<td>5193</td>
<td>Multicultural Literature for Children</td>
</tr>
<tr>
<td>ESL</td>
<td>5003</td>
<td>Linguistics for Second Language and Bilingual Specialists</td>
</tr>
<tr>
<td>SPN</td>
<td>5473</td>
<td>Latin American Civilization</td>
</tr>
</tbody>
</table>

*Consult the Graduate Advisor.
SPN 5483  Studies in Hispanic Culture
SPN 5803  Mexican American Literature
SPN 5853  Spanish of the Southwest

**Research Foundations** (6 semester credit hours required from the following):

<table>
<thead>
<tr>
<th>BBL</th>
<th>6073</th>
<th>Ethnographic Research Methods in Bicultural-Bilingual Studies</th>
</tr>
</thead>
<tbody>
<tr>
<td>BBL</td>
<td>6053</td>
<td>Testing Members of Bicultural-Bilingual Societies or</td>
</tr>
<tr>
<td>BBL</td>
<td>6063</td>
<td>Research Methods in Bilingual and Second Language Studies</td>
</tr>
</tbody>
</table>

B. **Option I. Master's Thesis.** 6 semester credit hours

**OR**

**Option II. Electives.** 6 semester credit hours of graduate elective coursework in Bicultural-Bilingual Studies, English as a Second Language, or in approved related areas

**English as a Second Language Concentration**

This program of study is designed for those who are concerned with teaching English as a second language to children or adults in schools and programs in the United States or in international settings. It is an interdisciplinary program which presents systematic instruction in applied linguistics, second language acquisition theory, and ESL program implementation. At least 21 semester credit hours of courses must be taken in an ESL designation and 9 hours in a BBL designation. The master's degree is offered under two options: thesis and nonthesis.

**Degree requirements.** All candidates for the degree must complete the following:

A. **Required coursework.** 30 semester credit hours of coursework from four major areas as follows:

**Theory of Language, Language Acquisition, and Language Use** (12 semester credit hours required):

a. ESL  5003  Linguistics for Second Language and Bilingual Specialists

b. 9 additional semester credit hours, selected from the following:

<table>
<thead>
<tr>
<th>BBL</th>
<th>5123</th>
<th>Sociolinguistics for Bilingual and Second Language Studies</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESL</td>
<td>5013</td>
<td>Foundations of Second Language Acquisition</td>
</tr>
<tr>
<td>ESL</td>
<td>5023</td>
<td>Language Analysis for Second Language Specialists</td>
</tr>
<tr>
<td>ESL</td>
<td>6013</td>
<td>Second Language Acquisition Research</td>
</tr>
</tbody>
</table>
Classroom Practice and Program Designs (9 semester credit hours required from the following):

ESL  5033  Second Language Reading  
ESL  5043  Listening and Speaking in Second Language Programs  
ESL  5053  Second Language Instruction in School Contexts  
ESL  5063  Language and Content-Area Instruction  
ESL  6043  Family and Adult Literacy in Language Minority Communities  
ESL  6053  Program and Syllabus Design  
ESL  6063  Second Language Writing  

Language Assessment and Evaluation (6 semester credit hours required from the following):

BBL  5053  Assessment in Bilingual and Second Language Studies  
BBL  6063  Research Methods in Bilingual and Second Language Studies  
BBL  6073  Ethnographic Research Methods in Bicultural-Bilingual Studies  

Sociocultural Studies (3 semester credit hours required from the following):

BBL  5003  Foundations for Bicultural Studies  
BBL  5013  Multicultural Groups in the United States  
BBL  5023  Cultural Adaptation in Bilingual Societies  
BBL  5073  Psychological Considerations in Bicultural-Bilingual Environments  
BBL  5133  Latino Biculturalism in the United States  

B. Option I. Master's Thesis. 6 semester credit hours  
OR  
Option II. Electives. 6 semester credit hours of graduate elective coursework in Bicultural-Bilingual Studies, English as a Second Language, or in approved related areas  

COURSE DESCRIPTIONS  
BICULTURAL-BILINGUAL STUDIES  
(BBL)  

5003  Foundations for Bicultural Studies  
(3-0) 3 hours credit.  
The study of basic concepts, principles, and approaches regarding theories of biculturalism and multiculturalism, and theoretical frameworks for the interdisciplinary study of culture and society.  

5013  Multicultural Groups in the United States  
(3-0) 3 hours credit.  
A study of sociocultural diversity, culture maintenance and change, culture revitalization, and other aspects of ethnicity in the past, present, and future of the United States.  

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5023  Cultural Adaptation in Bilingual Societies  
(3-0) 3 hours credit. 
The study of the dynamic relations between culture, language, and the social 
environment. Explanations for the range of cultural, historical, 
psychological, and political-economic adaptations in diverse systems.

5033  Bilingual Content Instruction  
(3-0) 3 hours credit. 
Examines curriculum development, materials, and pedagogy applicable to 
the integrated teaching of mathematics and the social and natural sciences 
in bilingual classrooms. Emphasizes research-based methods that use the 
learner's first language as a vehicle for content instruction. Offered in 
Spanish and English.

5043  Ethnography of Communication  
(3-0) 3 hours credit. 
Examines the theoretical perspectives for the study of communication in 
varying cultural contexts. Topics may include intercultural and intracultural 
communication patterns, the effect of cultural differences on interactions, 
culture concepts, nonverbal behavior, and increasing intercultural 
effectiveness.

5053  Assessment in Bilingual and Second Language Studies  
(3-0) 3 hours credit. 
Study and evaluation of means of assessing language proficiency in bilingual 
and English as a second language programs. Critical review of standardized 
tests of language proficiency, as well as alternative and informal language 
assessment techniques; consideration of relationship between second 
language proficiency and academic achievement; and sociocultural 
dimensions of testing and assessment.

5063  Biliteracy in Bilingual Classrooms  
(3-0) 3 hours credit. 
Examines research and instructional practices supporting the acquisition 
of biliteracy through reading, writing, speaking, and listening. Preparation 
and adaptation of holistic, thematically based materials and activities. 
Critical evaluation of existing materials in Spanish. Offered in Spanish 
and English.

5073  Psychological Considerations in Bicultural-Bilingual Environments  
(3-0) 3 hours credit. 
The study of the social and cognitive psychological factors facing populations 
in bicultural-bilingual environments.

5093  Multicultural Art and Folklore in the U.S.  
(3-0) 3 hours credit. 
A study of the visual arts and the folklore of representative culture groups 
creating a significant contribution to contemporary society. The course 
emphasizes Latino contributions to mural and street art, regional and 
religious art, as well as folk, popular, and other arts.
5113  Theoretical Foundations of Bicultural-Bilingual Education  
(3-0) 3 hours credit.  
A critical analysis of the rationale for bicultural-bilingual education focusing on history, philosophy, and theory. The study and analysis of bicultural-bilingual program designs, research perspectives on effective implementation, and adaptation to community needs.

5123  Sociolinguistics for Bilingual and Second Language Studies  
(3-0) 3 hours credit.  
Study of sociolinguistic theory and methodology and their applicability to the linguistic issues of multilingual and dialectally diverse communities. Topics may include sociolinguistic approaches to second language acquisition, language retention and loss, and language planning.

5133  Latino Biculturalism in the United States  
(3-0) 3 hours credit.  
A study of Mexican American, Puerto Rican, Cuban, and other Latino communities in the United States in the twentieth century. Topics may include economic labor force participation, cultural revitalization and self-determination patterns, school achievement and performance, political participation, and integration.

5143  Communication in Bilingual Classrooms  
(3-0) 3 hours credit.  
Emphasis on communicative skills and strategies for achieving full interaction among students in bilingual classrooms and on specialized teaching-related vocabularies needed to conduct instruction in two languages. Offered in Spanish.

5173  Sociocultural Issues and the Teaching of Reading  
(3-0) 3 hours credit.  
Study of how social, cultural, and linguistic factors affect the reading and writing practices of students and how school reading curriculum, instruction, and assessment can be designed to support students from differing sociocultural backgrounds. Special attention is given to the role that social class, dialect, gender, second language learning, and ethnicity play in literacy learning and teaching.

5193  Multicultural Literature for Children  
(3-0) 3 hours credit.  
A study of representative children's literature for, and about, the many culture groups in the Americas, with emphasis on Latinos and Latinas.

6033  Topics in Bicultural Studies  
(3-0) 3 hours credit.  
Suggested topics include contemporary Chicano arts; Chicana women; Mexican American folklore; teacher roles in multicultural schools; and cultural factors in human resources development. May be repeated for credit when topics vary.
6043  **Bilingual Education Research**  
(3-0) 3 hours credit.  
Examines qualitative and quantitative methods and models applied to the field of bilingual education. Evaluation of community and school-based research that influences instructional policies and practices in bilingual programs.

6053  **Testing Members of Bicultural-Bilingual Societies**  
(3-0) 3 hours credit.  
Issues of testing with nondominant ethnic populations; research projects in appropriate assessment of language and cognitive abilities for minority group members.

6063  **Research Methods in Bilingual and Second Language Studies**  
(3-0) 3 hours credit.  
Research design for the study of linguistic, social, and psychological variables in bilingual, second language, and dialectally diverse populations; emphasis on designing and carrying out a research project.

6073  **Ethnographic Research Methods in Bicultural-Bilingual Studies**  
(3-0) 3 hours credit.  
Multidisciplinary techniques to survey and analyze bicultural-bilingual dynamics in institutional and community settings, with emphasis on sociolinguistics, unobtrusive research methods, and research ethics.

6951-3  **Independent Study**  
1 to 3 hours credit. Prerequisites: Graduate standing and permission in writing (form available) of the instructor and the student's program advisor and graduate advisor of record.  
Independent reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours, regardless of discipline, will apply to the master's degree.

6961  **Comprehensive Examination**  
1 hour credit. Prerequisite: Approval of the appropriate graduate studies committee to take the Comprehensive Examination.  
Independent study course for the purpose of taking the Comprehensive Examination. May be repeated as many times as approved by the Graduate Studies Committee. Enrollment is required each term in which the Comprehensive Examination is taken if no other courses are being taken that term. The grade report for the course is CR (satisfactory performance on the Comprehensive Examination) or NC (unsatisfactory performance on the Comprehensive Examination).
6973  **Special Problems**  
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 Problems courses may be repeated for credit when the topics vary, but not more than 6 hours, regardless of discipline, will apply to the master's degree.

6983  **Master's Thesis**  
3 hours credit. Prerequisites: Permission of the Graduate Advisor of Record and thesis director.  
Thesis research and preparation. May be repeated for credit, but not more than 6 hours will apply to the master's degree. Credit will be awarded upon completion of the thesis. Enrollment is required each term in which the thesis is in progress.

**COURSE DESCRIPTIONS**  
**ENGLISH AS A SECOND LANGUAGE (ESL)**

5003  **Linguistics for Second Language and Bilingual Specialists**  
(3-0) 3 hours credit.  
Concepts in linguistics directed toward a broad understanding of human language, with particular attention to second language and bilingual contexts.

5013  **Foundations of Second Language Acquisition**  
(3-0) 3 hours credit.  
Study of principles, theories, and issues in second language acquisition and bilingualism, with implications for language teaching.

5023  **Language Analysis for Second Language Specialists**  
(3-0) 3 hours credit.  
Study of English grammar from descriptive and discourse perspectives, with consideration of cross-linguistic contrasts and of applications for teaching English as a second language.

5033  **Second Language Reading**  
(3-0) 3 hours credit.  
The relationship of reading acquisition to language learning, including oral language and writing development. The preparation and adaptation of thematic reading materials for various levels of proficiency. A critical evaluation of existing reading materials and literature available for second language learners.

5043  **Listening and Speaking in Second Language Programs**  
(3-0) 3 hours credit.  
Development, presentation, and evaluation of materials and strategies for teaching listening, speaking, and pronunciation to second language learners. Emphasizes current theories and development of oral proficiency.
Second Language Instruction in School Contexts
(3-0) 3 hours credit.
Study of instructional strategies and materials, including available community resources. For teaching linguistically diverse students; emphasis on grades K–12.

Language and Content-Area Instruction
(3-0) 3 hours credit.
Theoretical and practical approaches to integration of language teaching with subject matter areas. Emphasis on oral language and literacy for academic purposes.

Second Language Acquisition Research
(3-0) 3 hours credit.
Investigation of second language acquisition from multiple perspectives through data-based studies.

Topics in Second Language Acquisition and Teaching
(3-0) 3 hours credit.
Suggested topics include, but are not limited to, discourse analysis and second language acquisition, technology and second language learning and instruction, and Universal Grammar and second language acquisition. May be repeated for credit when topics vary.

Family and Adult Literacy in Language Minority Communities
(3-0) 3 hours credit.
Theoretical and practical aspects of family and adult literacy development in language minority communities. Topics may include relationships between oral and written language; second language literacy; and relationships between literacy and social, economic, and political factors. Implications for program development and implementation.

Program and Syllabus Design
(3-0) 3 hours credit.
Theoretical and practical concerns in developing instructional programs to meet the objectives of second language learners including English for Specific Purposes.

Second Language Writing
(3-0) 3 hours credit.
The relationship of writing to second language learning. Review of research on second language writing and examination of writing pedagogy for second language learners.

Internship in English as a Second Language
3 hours credit. Prerequisites: 18 semester credit hours of coursework in ESL and consent of instructor.
Supervised experience in teaching English as a Second Language. May be repeated for credit to a maximum of 6 hours. The internship does not apply
toward the semester-credit-hour requirement for the degree program. The grade report is either CR (satisfactory performance) or NC (unsatisfactory performance).

6951-3 Independent Study
1 to 3 hours credit. Prerequisites: Graduate standing and permission in writing (form available) of the instructor and the division's graduate advisor of record.
Independent reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours, regardless of discipline, will apply to the master's degree.

6973 Special Problems
(3-0) 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 Problems courses may be repeated for credit when the topics vary, but not more than 6 hours, regardless of discipline, will apply to the master's degree.

6983 Master's Thesis
3 hours credit. Prerequisites: Permission of the Graduate Advisor of Record and thesis director.
Thesis research and preparation. May be repeated for credit, but not more than 6 hours will apply to the master's degree. Credit will be awarded upon completion of the thesis. Enrollment is required each term in which the thesis is in progress.
DIVISION OF EDUCATION

Master of Arts Degree in Education

The Master of Arts degree in Education offers the opportunity for advanced study and professional development programs in six fields of concentration:

- Adult and Higher Education
- Curriculum and Instruction
- Early Childhood and Elementary Education
- Educational Leadership
- Educational Psychology/Counseling and Guidance
- Educational Psychology/Special Education

Education concentrations provide specialized degree plans in one or more areas of program emphasis so that students may choose a plan that is suitable to their particular needs and objectives. Degree plans are designed primarily to offer the opportunity to gain advanced levels of knowledge and professional competency for persons engaged in or concerned about educational activity in schools, colleges, and other public or private institutions and agencies. Credit toward graduate-level certificates and certificate endorsements may be earned in conjunction with work toward the master’s degree in most programs. Programs with a thesis option are available which emphasize the development of research competencies critical to continued graduate-level study.

Program Admission Requirements. Individuals without adequate preparation in education may be required to complete preparatory courses as a condition of admission. For unconditional admission, scores on the Graduate Record Examination aptitude test (GRE) may be required to be on file in the Office of Admissions and Registrar. Admission to the concentration in Educational Psychology/Counseling and Guidance may require additional application materials. Contact the Division of Education for more information.

Degree Requirements. All degrees in education have four required components: a core of common courses, a program emphasis, support work, and a comprehensive examination.

A. Core courses common to all concentrations:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 5003</td>
<td>Research Methods in Education</td>
</tr>
<tr>
<td></td>
<td>3 semester credit hours selected from</td>
</tr>
<tr>
<td>EDU 5103</td>
<td>Contemporary Educational Philosophy</td>
</tr>
<tr>
<td>EDU 5113</td>
<td>Philosophical and Ethical Dimensions of Counseling</td>
</tr>
<tr>
<td>EDU 5203</td>
<td>Evolution of Educational Thought</td>
</tr>
<tr>
<td>EDP 5003</td>
<td>Psychological Basis for Learning</td>
</tr>
<tr>
<td>C&amp;I 5003</td>
<td>Theory and Dynamics of Curriculum and Instruction</td>
</tr>
</tbody>
</table>

B. Program emphasis:

The program emphasis must consist of at least 12 semester credit hours in one of the fields of concentration. Some concentrations offer more than one program emphasis. A program emphasis may require up to 24 semester credit hours.

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(Courses outside the specific concentration may be used to meet this requirement with advance approval of the student’s supervisory committee and the Graduate Advisor of Record.) See individual concentration listings.

C. Support Work:

Each student is required to select additional courses, with the consent and advice of the Program Advisor and with the approval of the Graduate Advisor of Record, to complete the degree requirements of 33 semester credit hours (with thesis) or 36 hours (without thesis). 9 semester credit hours of courses must be selected to support the concentration. 3 additional hours must be taken with the approval of the Graduate Advisor of Record. In some degree programs support work may consist of additional courses taken in the area of concentration.

Students in the master teacher program, in supervision programs, and in college teaching programs will take support courses in their teaching fields. Students in teacher certification programs may take their support work courses in areas that meet certification requirements. It is recommended that thesis students take EDU 5053 as part of the support work.

D. Comprehensive Examination:

The student’s supervisory committee is responsible for administering this examination. The examination may be repeated but a student who has failed the examination two times must have the specific permission of his or her supervisory committee in order to take the examination a third time (or additional times). Ordinarily, failure to pass the examination should be followed by additional coursework or other work to remedy deficiencies or areas of weakness before the examination is retaken.

Summary of Degree Options

**Option I: Thesis option (33 semester credit hours)**

A. Core. 12 semester credit hours required:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>EDU 5003</td>
<td>Research Methods in Education</td>
</tr>
<tr>
<td>3 semester credit hours selected from</td>
<td></td>
</tr>
<tr>
<td>EDU 5103</td>
<td>Contemporary Educational Philosophy</td>
</tr>
<tr>
<td>EDU 5113</td>
<td>Philosophical and Ethical Dimensions of Counseling</td>
</tr>
<tr>
<td>EDU 5203</td>
<td>Evolution of Educational Thought</td>
</tr>
<tr>
<td>EDP 5003</td>
<td>Psychological Basis for Learning</td>
</tr>
<tr>
<td>C&amp;I 5003</td>
<td>Theory and Dynamics of Curriculum and Instruction</td>
</tr>
</tbody>
</table>

B. Concentration. 12 semester credit hours of coursework required, to form a program emphasis in a single concentration

C. Support work. 9 semester credit hours required, as follows:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>EDU 5053</td>
<td>Inferential Education Statistics (or approved substitution)</td>
</tr>
<tr>
<td>EDU 6983</td>
<td>Master’s Thesis (repeated twice: 6 hours)</td>
</tr>
</tbody>
</table>

UTSA 1997-99 Graduate Catalog
**Option II. Nonthesis option (36 semester credit hours)**

A. Core. 12 hours required:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>EDU 5003</td>
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<td>Psychological Basis for Learning</td>
</tr>
<tr>
<td>C&amp;I 5003</td>
<td>Theory and Dynamics of Curriculum and Instruction</td>
</tr>
</tbody>
</table>

B. Concentration. 12 semester credit hours of coursework required, to form a program emphasis in a single concentration

C. Support work. 12 semester credit hours required, as follows:

- 9 semester credit hours of support courses
- 3 semester credit hours of approved electives

**Adult and Higher Education Concentration**

This concentration offers the opportunity for advanced study for careers in educational institutions serving adult learners. Program emphases are offered for persons preparing to teach in higher education and adult continuing education programs, and for those interested in administrative/managerial roles in institutions or agencies that serve adult education. The concentration is designed for those wishing to pursue only a master’s degree as well as for those who wish to pursue further graduate study.

Adult and Higher Education program emphases:

- College and University Teaching
- College and University Administration
- Adult and Continuing Education

**Curriculum and Instruction Concentration**

The program emphases in Curriculum and Instruction are focused on the theoretical and practical aspects of curriculum planning, development, implementation, and evaluation in all subject fields and at all educational levels. The concepts of curricular innovation and teaching excellence are stressed in conjunction with expanded knowledge of content fields and applied research. Students who desire to specialize in a teaching field may do so by taking courses in that field to support the concentration in Curriculum and Instruction. Within this concentration, a student may specialize in the teaching of reading or in the supervision of instruction.
Early Childhood and Elementary Education Concentration

The concentration in Early Childhood and Elementary Education focuses on the broad spectrum of development and learning in children from infancy through preadolescence. Emphasis is on translating related research and theory into curriculum development and instruction, with the intent of helping children to realize the best development possible in a multicultural society. This concentration is designed primarily for experienced classroom teachers at the early childhood and elementary levels, but it is also suitable for personnel in human services and other allied fields.

Educational Leadership Concentration

Students seeking the opportunity to apply for management careers in public or private schools and school systems should follow programs in this concentration. The unique problems, processes, and expertise associated with effective personnel management and curriculum leadership are explored, developed, and tested in practical field-based settings, with an emphasis on applied research and human relations methodologies.

Educational Psychology/Counseling and Guidance Concentration

This concentration is designed for students interested in careers in counseling and guidance at the elementary, secondary, or higher education levels or for students interested in related mental health services. Coursework provides students the opportunity to apply for professional counselor certification (elementary and secondary) and/or for professional counselor licensure. For specific admission requirements and for information on program requirements for this professional counselor license, see the Graduate Advisor in the Division of Education.

Educational Psychology/Special Education Concentration

This concentration is designed for students interested in additional or advanced preparation for teaching exceptional children and youth. Students may elect from a variety of specific emphases. The program offers students the opportunity for theoretical understanding and clinical opportunities to develop and apply skills in working with disabled individuals.
Educational Psychology/Special Education program emphases:

Generic Special Education
Severely Emotionally Disturbed and Autistic

COURSE DESCRIPTIONS
ADULT AND HIGHER EDUCATION (AHE)

5003 The Development of Higher Education in the U.S. (3-0) 3 hours credit.
A study of the transition from patterns of European institutions of higher learning to the development of uniquely American institutions. Relates the development of human and physical resources to the changing role of higher education in American society.

5103 Contemporary Thought in Higher Education (3-0) 3 hours credit.
A study of current thought as it relates to the management of institutions of higher education.

5203 The American College Student (3-0) 3 hours credit.
The college student's role in contemporary society; characteristics, basic values, peer group influence, campus culture, needs, and pressures.

5313 Seminar in Governance of Higher Education (3-0) 3 hours credit.
Analysis of current practices and issues in the governance of higher education which affect students, faculty, and administration; study of the scope and role of colleges and universities. (Credit cannot be earned for both AHE 5313 and EDL 5313.)

5323 Financing Higher Education (3-0) 3 hours credit.
Examination of representative methods of state funding of public colleges and universities; elements of funding formulas; rationales for funding patterns; and policy implications of various funding methods for colleges and universities.

5603 Development and Organization of Adult and Continuing Education (3-0) 3 hours credit.
Exploration of forms of continuing and adult education conducted by business and industry, the armed forces, educational institutions, and private foundations, including federal and state programs of support; external and alternative degree programs; the open university concept and self-study programs; general treatment of historical development.
Instructional Procedures in Continuing Education
(3-0) 3 hours credit.
Examination of instructional procedures appropriate in adult basic education, GED, community service and recreation courses, professional continuing education courses, initial training courses in corporate settings, and other noncredit offerings.

Adult and Continuing Education Management Systems
(3-0) 3 hours credit.
Organization for adult and continuing education within a college or university and its relationship to the entire institution; staffing, training, directing, and controlling the continuing education effort; planning, programming, and budgeting; marketing and public relations; methods of determining the market; evaluation of administrative and academic performance. (Credit cannot be earned for both AHE 5623 and EDL 5623.)

Adult Literacy
(3-0) 3 hours credit.
Examination of the acquisition and development of reading and writing in adult populations. Reviews research and issues relevant to the teaching of reading and writing to adults. (Formerly AHE 5803. Credit cannot be earned for more than one of the following: AHE 5813, AHE 5803, or C&I 5813.)

The Community College
(3-0) 3 hours credit.
The historical and philosophical foundations for the community junior college movement in the United States will be analyzed and utilized as a basis for understanding contemporary trends and problems of community junior colleges.

Research in Adult and Higher Education
(3-0) 3 hours credit. Prerequisite: EDU 5003.
Consideration of the major research problem areas in adult and higher education, identification of problems in need of research, examination of research literature in selected areas, and study of research procedures unique to or especially useful in adult and higher education.

Research Colloquium
(3-0) 3 hours credit. Prerequisites: EDU 5003 and AHE 6063.
Guided discussion of research in planning stages, research in process, and research recently completed by participants; opportunity for the organization of research teams or for planning of cooperative research; and opportunity for students engaged in research to obtain assistance in planning, in data collection, in data analysis, and in preparation of reports.

Effective Teaching in Higher Education
(3-0) 3 hours credit.
A seminar that focuses on the image of the college professor and on a review of the current research on the teaching/learning process at the college.
or university level. Includes a review of educational psychology of the late adolescent and adult, an investigation of new and effective instructional methods, and an appraisal of evaluation procedures.

6113 Teaching in the Community College
(3-0) 3 hours credit.
An analysis of teaching styles, techniques, and supporting materials and technology appropriate to instruction of the adult learner in a community college setting adapted to various disciplines and academic fields. The course will include strategies for determining instructional needs, appropriateness of instructional procedures to learning needs and styles, and modes of assessment, including the development and use of teaching portfolios. Where possible and appropriate, community college instructors will use their own classrooms and disciplines as laboratory settings.

6953 Independent Study
3 hours credit. Prerequisites: Graduate standing and permission in writing (form available) of the instructor and the student's graduate advisor of record. Independent reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours, regardless of discipline, may be counted toward the master's degree.

6973 Special Problems
(3-0) 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 Problems courses may be repeated for credit when the topics vary, but not more than 6 hours, regardless of discipline, may be counted toward the master's degree.

COURSE DESCRIPTIONS
CURRICULUM AND INSTRUCTION
(C&I)

5003 Theory and Dynamics of Curriculum and Instruction
(3-0) 3 hours credit.
An examination of theoretical structures underlying curriculum considerations and the implications of these for the work of responsible curriculum decision-makers at all levels, including administrators, instructional supervisors, and classroom teachers.

5013 Classroom Instruction and Evaluation
(3-0) 3 hours credit.
Examination of different pedagogical approaches to the teaching/learning process in elementary school, with emphasis on the development of curriculum for classroom instruction, evaluation, organization, and management.
5023 Classroom Management and Motivation
(3-0) 3 hours credit.
A detailed investigation of various theories and models of classroom management and motivation. Included are such topics as behavior modification, assertive discipline, control theory, and the concept of the democratic classroom.

5103 Individualizing Instruction
(3-0) 3 hours credit. Prerequisite: Consent of instructor.
An in-depth study of the tasks and problems associated with individualized instruction. Students will be offered the opportunity to examine the means available for measuring and diagnosing individual learning needs and styles and for selecting from alternative learning materials and environments those most appropriate to individual needs.

5303 Technology in Curriculum and Instruction
(3-0) 3 hours credit.
A study of emerging instructional technologies and innovative curriculum resources. The design, application, and evaluation of individualized, interactive resources such as personal computer-based, videodisc, and distance learning methodologies via voice, data, and television systems.

5313 Instructional Materials Production I: Graphics and Multimedia
(3-0) 3 hours credit. Prerequisite: C&I 5003 or consent of instructor.
The opportunity for preparation in the skills required for the production of a variety of materials for classroom use. The rationale for the use of media and the specifics of design and technical production procedures for the creation of effective instructional media formats are presented.

5343 Programming Instruction
(3-0) 3 hours credit. Prerequisite: C&I 5003 or consent of instructor.
A course intended to offer students the opportunity for preparation in the specific theory and skills of developing programmed instructional materials in traditional media and computer-based interactive formats. S-R Theory as applied in the development of programmed instruction will be examined. Students will be expected to develop and developmentally test programmed instruction materials.

5403 Instructional Design and Development
(3-0) 3 hours credit. Prerequisite: C&I 5003 or consent of instructor.
The design of instruction. Special attention will be given to theory and method of design based on congruence between identified needs and approaches to curriculum development.

5503 Curricula for Preschool and Primary Children
(3-0) 3 hours credit.
Opportunity is provided for a systematic analysis of curricula for preschool and primary grade children, including a critical study of related objectives, organizational schemes, content teaching strategies, and materials. (Credit cannot be earned for both C&I 5503 and ECE 5503.)
5583 **Study Strategies and Cognitive Processes in Reading**  
(3-0) 3 hours credit.  
Reviews research which examines study strategies and cognitive processes needed in reading and learning in schools. Focuses on upper elementary through college study practices and higher-level reading and thinking. Field experience may be required.

5603 **Curricula for Elementary School Children**  
(3-0) 3 hours credit.  
A systematic analysis of elementary school curricula. A critical study of the objectives, methods of curricular organization, and content used with elementary school children grades 1–8. (Credit cannot be earned for both C&I 5603 and ECE 5603.)

5673 **Critical Issues in Elementary School Teaching**  
(3-0) 3 hours credit.  
Study of critical issues in the elementary school. Investigation of research, practices, and positions related to special education, bilingual and multicultural education, early childhood education, and to other current broadly based social issues.

5703 **Secondary School Curricula**  
(3-0) 3 hours credit.  
A systematic analysis of secondary school curricula. A critical study of objectives, methods of organization, content, methods, and materials of learning used with youth.

5713 **Introduction to Reading**  
(3-0) 3 hours credit.  
Introduction to the reading process, overview of the development of reading and examination of instructional issues associated with the teaching of reading. Required for students who have completed less than 6 hours of reading courses at the undergraduate level. (Formerly C&I 5733. Credit cannot be earned for both C&I 5713 and C&I 5733.)

5723 **Integrating Reading and the Language Arts**  
(3-0) 3 hours credit.  
Study of research and instructional practices that examine ways that reading can be related to writing, speaking, and listening. Emphasizes how to develop integrated language arts curriculum and instruction from primary grade levels through secondary school.

5743 **Reading in Secondary School**  
(3-0) 3 hours credit.  
Principles and techniques for teaching higher-level reading and comprehension skills to improve proficiency in learning various academic subjects in middle and secondary schools. Strategies for meeting the needs of the wide range of ability levels found in secondary schools.
5753 Literature for Children and Adolescents  
(3-0) 3 hours credit. 
Examines the selection and uses of children's and adolescent literature in the classroom. Emphasizes ways to integrate literature into the elementary and secondary school curriculum.

5763 Diagnosis and Practicum in Reading  
(3-0) 3 hours credit. Prerequisite: Consent of instructor. 
Multidisciplinary approach to diagnosis and remediation of reading problems, with special attention to cognitive, sociolinguistic, and emotional factors which may impede learning. Application of diagnostic and remedial procedures with individual children through a guided field-based practicum. (Credit cannot be earned for both C&I 5763 and C&I 5773.)

5783 Survey of Reading Research  
(3-0) 3 hours credit. Prerequisite: Consent of instructor. 
A review of past and current literature and research concerning the reading process, curricula, and instructional practice. Opportunity for students to acquire critical analysis skills in evaluating research.

5793 Seminar in Reading Supervision  
(3-0) 3 hours credit. Prerequisite: Consent of instructor. 
Organization of developmental and remedial reading and writing programs. Selection of appropriate materials. Techniques and procedures for maintaining quality programs, including staff selection and inservice training. The role of research in improving the teaching of reading and writing.

5813 Adult Literacy  
(3-0) 3 hours credit. 
Examination of the acquisition and development of reading and writing in adult populations. Reviews research and issues relevant to the teaching of reading and writing to adults. (Credit cannot be earned for both C&I 5813 and AHE 5813.)

5823 Reading and Writing Development in Early Childhood  
(3-0) 3 hours credit. 
Study of the literacy development of young children from birth to the point of acquisition of conventional reading and writing ability. Examines young children's emergent literacy concepts and behaviors and considers ways that early childhood educators can develop appropriate approaches to teaching reading and writing in classroom settings.

5833 Assessment Issues and Practices in Reading  
(3-0) 3 hours credit. 
Examination of techniques to assess student reading and writing. Considers strengths and weaknesses of such assessment tools as standardized tests, informal observations, and portfolios, and ways that educators may best use the results from these approaches to provide appropriate instruction for all students.
5903 Higher Education Curricula
(3-0) 3 hours credit.
A systematic analysis of higher education curricula. A critical study of objectives, methods of organization, content, methods, and materials of learning used with college students. (Formerly C&I 5803. Credit cannot be earned for both C&I 5903 and C&I 5803.)

6003 Supervision: Theoretical Basis
(3-0) 3 hours credit. Prerequisite: Consent of instructor.
An application of theories of curriculum development, educational planning, learning, and human relations to instructional supervision; an examination of the role of the supervisor. (Credit cannot be earned for both C&I 6003 and EDL 6003.)

6013 Supervision: Teaching-Learning Process
(3-0) 3 hours credit. Prerequisite: C&I 6003 or consent of instructor.
The analysis and application of models of the teaching-learning process to instructional supervision; the study and application of content, interaction, and climate analysis techniques. (Credit cannot be earned for both C&I 6013 and EDL 6013.)

6023 Supervision: Tools and Techniques
(3-0) 3 hours credit. Prerequisite: C&I 6003 or consent of instructor.
A study of impact strategies in instructional supervision and the development of communication and interpersonal skills needed for working with teachers. (Credit cannot be earned for both C&I 6023 and EDL 6023.)

6303 Advanced Methods in Subject-Matter Fields
(3-0) 3 hours credit. Prerequisite: C&I 5003 or consent of instructor.
Course sections are designed to offer students the opportunity to develop skill in instructional methodology that is specifically related to and derived from the characteristics of the discipline taught:
1. Science
2. Mathematics
3. Social Studies
4. Language Arts
5. Foreign Languages
6. Physical and Health Education
7. Philosophy for Children
May be repeated for credit when disciplines vary.

6353 Multimedia Production
(3-0) 3 hours credit.
Provides instruction on the development of computer-aided multimedia presentations and interactive applications. Students use Microsoft PowerPoint and Macromedia Director to apply concepts of effective production management, interface design, and educational psychology. Supplementary instruction includes photo scanning, audio and video capture, and graphics creation. Credit may not be earned for both this course and MUS 6353.
Instructional Procedures for Severely/Profoundly Handicapped Children and Youth
(3-0) 3 hours credit.
A study of theories, methodologies, and instructional practices for educating severely handicapped children and youth, including those who are emotionally disturbed or autistic, in a variety of delivery arrangements.

Independent Study
3 hours credit. Prerequisites: Graduate standing and permission in writing (form available) of the instructor and the student's graduate advisor of record. Independent reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours, regardless of discipline, will apply to the master's degree.

Special Problems
(3-0) 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 Problems courses may be repeated for credit when the topics vary, but not more than 6 hours, regardless of discipline, will apply to the master's degree.

COURSE DESCRIPTIONS
EARLY CHILDHOOD AND ELEMENTARY EDUCATION (ECE)

Seminar in Development in Early Childhood and Infancy
(3-0) 3 hours credit. Prerequisite: EDP 5013 or consent of instructor.
Studies of the results of stimulating sensory equipment in the early years and investigation of insufficient psychological and physiological nourishment. Deviations from steady differentiation of emotional responses during early childhood, achievement motivation, and studies of frustration and tolerance. Includes suggested practices that may enable future generations to avoid developmental disruptions and to alleviate existing developmental handicaps.

Language Development in Preschool–Primary Children
(3-0) 3 hours credit.
Study of early acquisition and development of language skills. Emphasis on identifying the sequence of normal expressive and receptive language development in terms of the child's related abilities and learning experiences.

Classroom Behavior Problems in Children
(3-0) 3 hours credit. Prerequisite: EDP 5003 or consent of instructor.
A survey of common behavioral problems of children likely to be encountered by teachers in elementary and early childhood classrooms.
Emphasis on understanding factors which influence the development of such problems in school-age children and on curricula considerations affecting or affected by classroom behavior.

5473 Specialized Instruction in Early Childhood and Elementary Education (3-0) 3 hours credit. Prerequisite: C&I 5503, ECE 5503, or consent of instructor.
Identification, description, analysis, and evaluation of examples of specialized instruction as related to needs of learners, characteristics of subject matter, and/or demands of an environment.

5503 Curriculum for Preschool and Primary Children (3-0) 3 hours credit.
Opportunity is provided for a systematic analysis of curricula for preschool and primary grade children, including a critical study of related objectives, organizational schemes, content teaching strategies, and materials. (Credit cannot be earned for both ECE 5503 and C&I 5503.)

5513 Materials, Methods, and Techniques in Teaching Early Childhood Education (3-0) 3 hours credit.
A study of the methodologies and techniques effective in teaching preschool and elementary school children. Participants will construct and use materials for teaching at the level of student ability.

5523 Curriculum Planning for Early Childhood and Elementary Education (3-0) 3 hours credit. Prerequisite: C&I 5003 or consent of instructor.
An analysis of the basis for curriculum planning in early childhood and elementary content areas; consideration of developmental levels, domains of learning, and taxonomies of objectives, with special attention to the role of the teacher and the student, the uses of materials, the classroom environment, and special student populations.

5603 Curricula for Elementary School Children (3-0) 3 hours credit.
A systematic analysis of elementary school curricula. A critical study of the objectives, methods of curricular organization, and content used with elementary school children grades 1–8. (Credit cannot be earned for both ECE 5603 and C&I 5603.)

6123 Administration of Early Childhood Programs (3-0) 3 hours credit. Prerequisite: Consent of instructor.
A study of the organization, structure, and operation of kindergarten, day care, and nursery programs, both public and private. Implications for elementary education.

6163 Biological Basis of Child Development (3-0) 3 hours credit. Prerequisite: One course in general biology or general psychology or consent of instructor.
Analysis of biological and psychological perspectives on child growth and development. Emphasis on theoretical aspects of biopsychological and social factors influencing cognitive and learning functions.
Seminar in Early Childhood Education in Cross-Cultural Perspective
(3-0) 3 hours credit. Prerequisite: Consent of instructor.
An examination of contrasting strategies of socialization employed by societies around the world, past and present; limit of and alternatives to formal early childhood education in the current Western sense. Readings are drawn from both ethnographic and theoretical sources in anthropology, psychology, and education.

Current Issues in Early Childhood and Elementary Education
(3-0) 3 hours credit. Prerequisite: Consent of instructor.
Studies of current issues and problems in preschools and elementary schools and other educational settings. Investigation of research, practices, and positions related to the issues studied. Exploration of available models for possible solutions or resolution of issues, as well as factors that may have an impact upon desired outcomes.

Advanced Methods in Early Childhood and Elementary Education
(3-0) 3 hours credit. Prerequisite: C&I 5003 or consent of instructor.
Specialized studies in early childhood and elementary education are offered through course sections in these areas:
1. Science
2. Mathematics
3. Social Studies
4. Language Arts
5. Fine and Performing Arts
6. Play
7. Nutrition and Health
May be repeated for credit when curriculum areas vary.

Assessment and Evaluation in Early Childhood and Elementary Education
(3-0) 3 hours credit. Prerequisite: Consent of instructor.
Evaluation and research on educational programs, processes, products, instructional objectives, and alternative approaches to attain objectives. Methods and materials for disciplined inquiry into current significant issues in early childhood and elementary education. The student will systematically examine a major educational issue relevant to his or her specialization.

Seminar in Elementary Education
(3-0) 3 hours credit.
Examination of the discipline of the subject-field selected (e.g., science, social studies, music) including an intensive study of research findings, publications of related professional organizations, and advanced experimentation related to teaching/learning situations.

Advanced Approaches to Interdisciplinary Teaching
(3-0) 3 hours credit.
Review of theory and practice in interdisciplinary teaching and learning in elementary education. Emphasis on understanding the conceptual interrelationships of the fields of study in the elementary curriculum.
Community Resources in Elementary Education
(3-0) 3 hours credit.
Examination of the diversity of community resources for elementary education. Students will systematically examine ways to integrate local and regional resources into the teaching-learning process.

The Teacher as Researcher
(3-0) 3 hours credit. Prerequisite: EDU 5003.
Application of research concepts and skills to classroom field studies. Participants will conduct directed research on classroom practice in the elementary school.

Instructional Internship
(1-8) 3 hours credit. Prerequisite: Approval of Graduate Advisor.
Individually supervised full-time field experience in assigned classrooms for one semester. May be repeated for credit.

Independent Study
3 hours credit. Prerequisites: Graduate standing and permission in writing (form available) of the instructor and the student's graduate advisor of record. Independent reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours, regardless of discipline, will apply to the master's degree.

Special Problems
(3-0) 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 Problems courses may be repeated for credit when the topics vary, but not more than 6 hours, regardless of discipline, will apply to the master's degree.

COURSE DESCRIPTIONS
EDUCATION
(EDU)

Research Methods in Education
(3-0) 3 hours credit. Prerequisite: Admission to graduate program or consent of instructor.
Basic concepts of research design, strategies of experimental, historical, and descriptive research, and basic statistical procedures are introduced. Participants use these concepts to read, interpret, and evaluate educational research and to plan and conduct such research. A field study may be required.
5053  **Inferential Educational Statistics**  
(3-0) 3 hours credit. Prerequisites: EDU 5003 and STA 5073, or consent of instructor.  
The concept of inferential statistics in education as a means of drawing conclusions and interpreting results is a central theme. Statistical techniques often used in educational research are introduced with the intent of having students be able to select the appropriate statistical procedure and interpret the results.

5103  **Contemporary Educational Philosophy**  
(3-0) 3 hours credit.  
Philosophical analysis of issues in American education. Consideration is given to ethical and epistemological implications of issues with an emphasis on the evaluation of arguments for the adoption of educational policy.

5113  **Philosophical and Ethical Dimensions of Counseling**  
(3-0) 3 hours credit.  
Examination and analysis of the philosophical traditions undergirding contemporary counseling. Emphasis given to analysis of ethical issues having an impact upon the counseling profession.

5203  **Evolution of Educational Thought**  
(3-0) 3 hours credit.  
An examination of the major educational thinkers in Western Civilization and a review of past institutional arrangements for education.

5303  **Theory and Dynamics of Intercultural Interaction in Education**  
(3-0) 3 hours credit.  
Theoretical perspectives of intercultural education. Examination of the research base and of trends and barriers in research. Selected applications pertinent to successful intercultural interaction in the student's professional role. Recommended for students preparing for careers involving international participation, especially for those in education-based programs.

5403  **Education, Cultural Differences, and Acculturation**  
(3-0) 3 hours credit.  
Educational changes and adjustments resulting from the interaction of a variety of different cultural backgrounds in the modern school. Specialized techniques, processes, and programs designed to meet unique learning needs of the non-English-speaking child.

5503  **Seminar in Social Foundations of Education**  
(3-0) 3 hours credit.  
Examination and analysis of social structures, values, and cultures as these interact with educational systems. Special emphasis will be placed on the urban environment and its particular relationships with education.
Contemporary Issues in Education
(3-0) 3 hours credit. Prerequisite: EDU 5003 or consent of instructor.
Identification and analysis of the major contemporary educational issues, evaluation of attempted historical resolutions, and review of information relevant to policy decisions.

Microcomputer Applications for Educational Settings
(3-0) 3 hours credit. Prerequisite: CS 5003 or consent of instructor.
A study of the operations and applications of microcomputers in educational settings. Emphasis on the development and testing of such applications in an educational environment.

Juveniles, Schools, and the Law
(3-0) 3 hours credit.
An examination of the extent and problem of delinquent behavior particularly as it relates to the school. Designed to familiarize school personnel with the interrelated problems of schools and law enforcement agencies with respect to delinquent behavior, and with strategies for dealing with these problems.

Seminar in Educational Research
(3-0) 3 hours credit. Prerequisite: Completion of no less than 30 semester hours of degree program.
Each student will be expected to (1) develop plans for a research project related to an educational issue, (2) collect and analyze data to carry out the research, (3) prepare a research report, and (4) participate in research seminars.

Independent Study
3 hours credit. Prerequisites: Graduate standing and permission in writing (form available) of the instructor and the student’s graduate advisor of record.
Independent reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours, regardless of discipline, will apply to the master’s degree.

Comprehensive Examination
1 hour credit. Prerequisite: Approval of the appropriate Graduate Studies Committee to take the Comprehensive Examination.
Independent study course for the purpose of taking the Comprehensive Examination. May be repeated as many times as approved by the Graduate Studies Committee. Enrollment is required each term in which the Comprehensive Examination is taken if no other courses are being taken that term. The grade report for the course is either CR (satisfactory performance on the Comprehensive Examination) or NC (unsatisfactory performance on the Comprehensive Examination).
Special Problems
(3-0) 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
Problems courses may be repeated for credit when the topics vary, but not
more than 6 hours, regardless of discipline, will apply to the master's degree.

Master's Thesis
3 hours credit. Prerequisites: Permission of the Graduate Advisor of Record
and thesis director.
Thesis research and preparation. May be repeated for credit, but not more
than 6 hours will apply to the master's degree. Credit will be awarded upon
completion of the thesis. Enrollment is required each term in which the
thesis is in progress.

COURSE DESCRIPTIONS—MASTER'S LEVEL
EDUCATIONAL LEADERSHIP (EDL)

Introduction to School Administration
(3-0) 3 hours credit. Prerequisite: One year of teaching experience or consent
of instructor.
Introduction to the roles, tasks, and problems of positions in educational
administration and their relationship to local, state, and federal government
agencies.

General Finance and Taxation in Education
(3-0) 3 hours credit. Prerequisite: Consent of instructor.
Survey of current designs in educational finance of public school districts,
review of general concerns, and practices of the appropriate local, state,
and federal government agencies.

School and Community Relations in Education
(3-0) 3 hours credit.
Introduction to the strategies and design models for informing local business
community taxpayers and clientele about educational activities; study of
models for participation and analysis of interaction models.

Human Relations in Educational Administration
(3-0) 3 hours credit.
Analysis and identification of group processes and individual behavior which
tend to enhance democratic interaction in the achievement of educational
goals. Consideration of supportive roles requisite to the supervision of
professionals in the educative process.
5313 Seminar in Governance of Higher Education  
(3-0) 3 hours credit.  
Analysis of current practices and issues in the governance of higher education which affect students, faculty, administration, and the scope and role of colleges and universities. (Credit cannot be earned for both EDL 5313 and AHE 5313.)

5403 The Principalship: Educational Unit and Site Administration  
(3-0) 3 hours credit. Prerequisites: EDL 5003, 5103, 5603, 5703, 6323, and successful completion of the EDL Foundations Examination.  
Analysis of the principal's/comparable position's role and the requisite interaction with various referent groups. Special emphasis on administration of academic programs. Applicable to all levels of common school.

5503 Administration and Function of Special Programs  
(3-0) 3 hours credit. Prerequisites: EDL 5003, 5103, 5603, 5703, 6323, and successful completion of the EDL Foundations Examination.  
Identification and analysis of models and designs for the administration, development, supervision, and support programming of special education, guidance, vocational and technical education, and other alternative and support functions in education.

5603 Seminar in Applied Research in Educational Leadership  
(3-0) 3 hours credit. Prerequisite: Consent of instructor.  
Introduction to identification, analysis, and design formulation of applied research problems in educational leadership. Practice in conducting searches, elementary analysis, and deriving appropriate conclusions from applied studies. Students will be required to complete and articulate an approved applied research design in prescribed form.

5623 Adult and Continuing Education Management Systems  
(3-0) 3 hours credit.  
Organization for adult and continuing education within a college or university and its relationship to the entire institution; staffing, training, directing, and controlling the continuing education effort; planning programming and budgeting; marketing and public relations; methods of determining the market; evaluation of administrative and academic performance. (Credit cannot be earned for both EDL 5623 and AHE 5623.)

5703 Legal Foundations in Education  
(3-0) 3 hours credit.  
Survey of current legal basis and practices in the policy administration of education and review of significant court decisions pertaining to educational operations. Emphasis on rights and responsibilities of teachers and students and legislation related to multicultural institutional operations.

5803 The Middle School  
(3-0) 3 hours credit. Prerequisite: Consent of instructor.  
Origins, objectives, programs, and administration of the middle school, with consideration of the junior high school heritage. Emphasis on organization of programs based on physical and psychological development of the clientele.
6003 Supervision: Theoretical Basis
(3-0) 3 hours credit. Prerequisite: Consent of instructor.
An application of theories of curriculum development, educational planning, learning, and human relations to instructional supervision; an examination of the role of the supervisor. (Credit cannot be earned for both EDL 6003 and C&I 6003.)

6013 Supervision: Teaching-Learning Process
(3-0) 3 hours credit. Prerequisite: EDL 6003 or consent of instructor.
The analysis and application of models of the teaching-learning process to instructional supervision; the study and application of content, interaction, and climate analysis techniques. (Credit cannot be earned for both EDL 6013 and C&I 6013.)

6023 Supervision: Tools and Techniques
(3-0) 3 hours credit. Prerequisite: EDL 6003 or consent of instructor.
A study of impact strategies in instructional supervision and the development of communication and interpersonal skills needed for working with teachers. (Credit cannot be earned for both EDL 6023 and C&I 6023.)

6103 Personnel Administration in Education
(3-0) 3 hours credit. Prerequisite: EDL 5003 or consent of instructor.
Survey of roles, responsibilities, and functions of personnel officers in education; studies in general personnel policies; review of administration of insurance, salary, retirement, sick leave, and other programs operated under personnel administration.

6203 Educational Facilities and Capital Funds Administration
(3-0) 3 hours credit. Prerequisite: EDL 5003 or consent of instructor.
Survey of models, policies, and procedures for the effective development, planning, use, and management of educational facilities and capital funds. Emphasis on meeting curricular program needs.

6303 Ethics and Educational Leadership
(3-0) 3 hours credit. Prerequisites: EDL 5003, 5103, 5603, 5703, 6323, and successful completion of the EDL Foundations Examination.
To provide an ethical perspective of educational issues in the public school setting; to illustrate a leadership model based on social responsibility in a democratic society; to provide a paradigm for ethical decision-making based on the values of fairness, justice, equity, and inclusion.

6313 Seminar on School Problems
(3-0) 3 hours credit. Prerequisites: EDL 5003, 5203, 5603, 5703, 6323, and successful completion of the EDL Foundations Examination.
Intended to help students identify significant school policy-generated problems, discern underlying causes, propose strategies, and develop alternative paradigms to address the problems, and to critically analyze the short- and long-term effects on the organization, its members, and its mission.
6323 Administration of Urban/Multicultural Institutions  
(3-0) 3 hours credit. Prerequisite: Consent of instructor.  
Provides practicing and potential urban educational leaders with knowledge of contemporary conditions and positive models for effective educational administrative designs, including alternative educational delivery systems.

6333 Creating Change  
(3-0) 3 hours credit. Prerequisite: Consent of instructor.  
This course will stress the basics of change found in all self-help groups: recognizing reality, building support, recognizing success, and sustaining effort through failed attempts. The student will learn to facilitate the change process in an institution by forming change groups and developing a sense of community among the members of these groups.

6403 Survey of Organization and Administration Theory in Education  
(3-0) 3 hours credit. Prerequisite: Consent of instructor.  
General studies in current theories applicable to educational administration; emphasis includes understanding theory and research from related academic fields; requirements include reviews of related research and understanding appropriate research designs.

6503 Superintendent's Seminar  
(3-0) 3 hours credit. Prerequisite: Consent of instructor.  
A field-based course designed for students preparing for educational leadership at the school district level. Enrollment in this course is required each semester a student desires to fulfill a requirement for Texas school superintendent certification. Students will develop an independent field-based study component in each of the following four specific certification areas: Personnel Administration, Educational Funds and Facilities Management, Survey of Organization and Administration Theory in Education, and Organizational Systems Analysis. Students will be required to participate in 100 hours of clinical experience related to the certification area that they seek to fulfill. This course may be repeated four times for credit.

6943 Internship in Educational Administration  
(1-8) 3 hours credit. Prerequisites: EDL 5003, 5103, 5603, 5703, and consent of instructor.  
Individually supervised field experience with unit-level or institutional-level educational administrators with related applied research activity. Must be taken for both mid-management and superintendency certification. May be repeated for a total of 6 semester hours.

6953 Independent Study  
3 hours credit. Prerequisites: Graduate standing and permission in writing (form available) of the instructor and the student's graduate advisor of record. Independent reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not
normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours, regardless of discipline, will apply to the master's degree.

6973 Special Problems
(3-0) 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 Problems courses may be repeated for credit when the topics vary, but not more than 6 hours, regardless of discipline, will apply to the master's degree.

COURSE DESCRIPTIONS
EDUCATIONAL PSYCHOLOGY
(EDP)

5003 Psychological Basis for Learning
(3-0) 3 hours credit.
A concentrated analysis of mental processes important to learning and an evaluation of the major concepts, theories, and results of research in learning as applied to education.

5013 Learning Theories Related to Child Development
(3-0) 3 hours credit.
A study of developmental and learning theories related to the growth of the child from infancy through childhood.

5023 Learning Theories Related to Adolescent Development
(3-0) 3 hours credit.
A study of developmental and learning theories related to growth during the adolescent and adult period.

5033 Human Development Across the Life Span
(3-0) 3 hours credit.
Major focus on issues related to developmental behavioral change across the human life span. Implications for counseling individuals at various stages of their development.

5203 Fundamentals of Guidance and Counseling
(3-0) 3 hours credit.
Professional issues and the job roles of school and community counselors are explored. Ethics of professional practice and minority concerns are emphasized.

5213 Counseling Theories
(3-0) 3 hours credit.
Major counseling theories and techniques are presented. Students investigate affective, behavioral, and cognitive psychotherapeutic strategies.
5223 Psychological Assessment for Counseling
(3-0) 3 hours credit. Prerequisites: EDU 5003 and EDP 5203.
Offers the opportunity for students to study assessment strategies, with
emphasis on group-administered standardized tests and on analysis and
interpretation of instruments used to measure achievement, aptitude,
interests, and personality. Casework is required.

5233 Group Theory and Process
(3-0) 3 hours credit. Prerequisites: EDP 5203 and 5213.
A study of small group theory, research, and procedures. Provides the basis
for effective group membership and leader behavior.

5243 Counseling Individuals with Behavior and Emotional Disorders
(3-0) 3 hours credit. Prerequisites: EDP 5203 and 5213.
Counseling interventions with behavioral and emotional disorders;
symptomatology for psychoses, emotional disorders, and maladaptive
behavior patterns.

5263 Child and Family Counseling
(3-0) 3 hours credit.
The emotional and behavioral disorders of childhood and adolescence are
discussed. Family systems theory and strategies for counseling with children
and families are presented. Casework is required.

5283 Counseling in a Multicultural Setting
(3-0) 3 hours credit. Prerequisite: EDP 5203.
A study of major issues of counseling in multicultural settings. The impact
of social stratification and cultural diversity will be examined within the
context of the delivery of counseling and guidance services.

5303 Principles and Techniques of Evaluation
(3-0) 3 hours credit.
Introduction to qualitative evaluation and the development and analysis of
instruments. Study of the role of evaluation and the techniques for
interpreting and communicating evaluation results.

5393 Development of Counseling Skills
(3-0) 3 hours credit. Prerequisites: EDP 5203, 5213, and 9 hours of
coursework in counseling at UTSA, or consent of instructor.
A systematic approach to counseling. Focus on sequential learning of
counseling skills and their practical application. Counseling sessions will
be recorded and evaluated.

5403 Exceptional Children and Youth in the Schools
(3-0) 3 hours credit. Prerequisite: Consent of instructor.
An introduction to and survey of the field of special education. Characteristics, etiology, definition, and prevalence of exceptional children;
description of services available; field experiences.
Children and Youth with Mental Retardation
(3-0) 3 hours credit. Prerequisite: EDP 5403 or consent of instructor. This course presents the opportunity for special education teachers and students in related fields to acquire an understanding of contemporary theories and practices used in the assessment, diagnosis, and treatment of individuals with mild to profound mental retardation in school and community settings. Current trends and research in the education of students with mental retardation will be studied.

Applied Behavior Analysis for Classroom Teachers
(3-0) 3 hours credit. Prerequisite: EDP 5403 or consent of instructor. Principles and procedures of applied behavior analysis and classroom management to facilitate the acquisition and improvement of social, academic, and life skills of children and youth with disabilities. Requires an applied project.

Conference and Consultative Skills in Special Education
(3-0) 3 hours credit. Prerequisite: EDP 5403 or consent of instructor. This course presents the opportunity for special education teachers to acquire knowledge and skill in working with parents, teachers, and other professionals in optimizing the educational and therapeutic experiences of exceptional children and youth. Students will plan, implement, and evaluate a series of parent conferences, staff development, and consultive activities.

Children and Youth with Learning Disabilities
(3-0) 3 hours credit. Prerequisite: EDP 5403 or consent of instructor. A study of the incidence, prevalence, etiology, and characteristics of the student with learning disabilities (LD). The relationship between LD, child development, school environment, and academic performance will be studied. Special emphasis will be given to a critical analysis of instruction and assessment techniques used with this population.

Language Development and Cognitive Intervention for Individuals with Disabilities
(3-0) 3 hours credit. Prerequisite: EDP 5403 or consent of instructor. This course presents methods and procedures for assisting individuals identified as mildly to moderately disabled to achieve communicative competence through language acquisition and remedial and corrective interventions. Special emphasis is placed on the language arts needs (listening, speaking, reading, and writing) of individuals with learning and behavior disabilities.

Behavior Analysis and Intervention for Children and Youth with Severe/Profound Disabilities
(3-0) 3 hours credit. Prerequisite: EDP 5403 or consent of instructor. Principles and procedures of behavior analysis and intervention for the acquisition and improvement of skills of the severely disabled. An applied behavior analysis project is required.
Children and Youth with Behavior Disorders
(3-0) 3 hours credit. Prerequisite: EDP 5403 or consent of instructor.
This course presents opportunities for study by special educators and students in related fields to obtain an understanding of various theories and practices used in the identification, treatment, and education of behavior disorders. Research relative to the education of children and adolescents with behavior disorders as well as practical implications for the classroom teacher will be emphasized.

Assessment and Evaluation of Handicapped Children and Youth
(3-0) 3 hours credit. Prerequisite: EDP 5403 or consent of instructor.
This course is designed to offer students the opportunity to develop knowledge and skills in selection, administration, and interpretation of instruments and procedures to evaluate individuals with disabilities. Emphasis will be on assessment techniques, instruments, and procedures relevant to the education of disabled children and youth.

Practicum in Special Education: Children and Youth with Mild/Moderate Disabilities
(3-0) 3 hours credit. Prerequisites: EDP 5403 and consent of instructor.
The application of theoretical principles to field settings. Students will be required to develop, implement, and evaluate educational programs for children and youth with mild/moderate disabilities.

Practicum in Special Education: Behavior Disorders
(3-0) 3 hours credit. Prerequisite: Consent of instructor.
The application of theoretical principles to field settings. The student will work in educational settings which will include planning, implementing, and evaluating appropriate experiences with emotionally disturbed students.

Practicum in Counseling
(3-0) 3 hours credit. Prerequisites: EDP 5203, 5213, 5223, 5233, and 5393, and 3 additional hours of coursework in counseling at UTSA. Students must apply for permission to enroll one semester in advance. (Thesis students may omit one prerequisite course as agreed upon by the supervisory committee.)
Offers the opportunity for supervised field work in a counseling setting. May be repeated for credit to a maximum of 9 hours.

Career Development and Choice
(3-0) 3 hours credit. Prerequisite: EDP 5203.
A study of theories of occupational choice and career development and their application to the guidance and counseling process. Identification and utilization of various types of occupational information and resources in counseling interviews and guidance programs. (Credit cannot be earned for both EDP 6153 and C&I 6153.)
6203 Curriculum and Instructional Applications for Children and Youth in Special Education
   (3-0) 3 hours credit. Prerequisite: EDP 5403, 5553, or consent of instructor. This course is designed to provide students with an opportunity to engage in the analysis of curriculum planning and implementation of a variety of instructional methods, procedures, and strategies appropriate for the implementation of mandated Individual Family Service Plans, Individual Education Programs, and Individual Transition Plans for children and youth with disabilities. (Credit cannot be earned for both EDP 6203 and C&I 6203.)

6953 Independent Study
   3 hours credit. Prerequisites: Graduate standing and permission in writing (form available) of the instructor and the student's graduate advisor of record. Independent reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours, regardless of discipline, will apply to the master's degree.

6973 Special Problems
   (3-0) 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 Problems courses may be repeated for credit when the topics vary, but not more than 6 hours, regardless of discipline, will apply to the master's degree.

COURSE DESCRIPTIONS
KINESIOLOGY AND HEALTH (KAH)

5003 Current Trends in Physical and Health Education
   (3-0) 3 hours credit. Students will have the opportunity to examine current development in theories and practices of physical education. Recent research and literature will be examined for causes and consequences of today's issues, trends, and problems.

5013 The Role of Sport in Society
   (3-0) 3 hours credit. Examination of sport and physical activity from a contemporary viewpoint; its impact on society and the affective roles that it takes as part of our social structure and the institution of education.

5023 Management of Kinesiology and Health Programs
   (3-0) 3 hours credit. An examination of the various functions involved in the management of a sport-, health-, or recreation-related organization. Among the topics for investigation will be budgeting, facilities, scheduling, promotion, and liability.
5033  **Sport and Exercise Psychology**  
(3-0) 3 hours credit.  
A study of cognition and behaviors related to participation in sport and physical activity. Survey of contemporary research in motivation in sport, sport psychology, performance enhancement, psychological effects of exercise, and exercise adherence.

5053  **Principles of Exercise Physiology**  
(3-0) 3 hours credit.  
Examination of the physiological effects of exercise on the body, with particular emphasis on the musculoskeletal, cardiovascular, and respiratory systems. Laboratory techniques used to assess physiological parameters will be included.

5063  **Health Behaviors**  
(3-0) 3 hours credit.  
A study of the determinants of human behavior as they relate to current health issues. Health behavior models and underlying rationales for prevention and intervention strategies will be examined.

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**COURSE DESCRIPTIONS**  
**SECONDARY EDUCATION**  
(SED)

6953  **Independent Study**  
3 hours credit. Prerequisites: Graduate standing and permission in writing (form available) of the instructor and the student's graduate advisor of record. Independent reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours, regardless of discipline, may be counted toward the master's degree.

6973  **Special Problems**  
(3-0) 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 Problems courses may be repeated for credit when the topics vary, but not more than 6 hours, regardless of discipline, may be counted toward the master's degree.
DIVISION OF SOCIAL AND POLICY SCIENCES

Master of Public Administration Degree

The Master of Public Administration (M.P.A.) degree is a professional degree designed to prepare individuals for positions of leadership in management and/or policy at several levels of government, in nonprofit agencies, and in private sector areas where knowledge of government is important.

Program Admission Requirements. In order to qualify for unconditional admission, applicants must satisfy University-wide graduate admission requirements, submit either Graduate Record Examination (GRE) or Graduate Management Admission Test (GMAT) scores if grade-point average falls below 3.2, and have completed undergraduate courses in research methods or statistics, economics, and United States government. Applicants who do not meet these requirements will be considered for conditional admission. Admission decisions will be based on a combination of the following factors: (a) undergraduate or graduate transcripts, (b) GRE or GMAT test scores, and (c) professional background. Admission as a special graduate student does not guarantee subsequent admission as a degree-seeking graduate student. Such students must reapply for degree-seeking status.

Degree Requirements. The minimum number of semester credit hours required for the M.P.A. degree, exclusive of coursework or other study required to remove deficiencies, is 36. In addition to these basic degree requirements, students without prior public service employment must complete an additional 6 semester credit hours of Internship (PAD 6963,6), Applied Research (PAD 6923, twice), or Master's Thesis (PAD 6983,6).

All candidates for the degree must complete

A. 21 semester credit hours of core courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>PAD 5003</td>
<td>Contemporary Perspectives on Public Administration</td>
</tr>
<tr>
<td>PAD 5023</td>
<td>Quantitative Methods for Public Administration</td>
</tr>
<tr>
<td>PAD 5033</td>
<td>Theories of Public Bureaucracy</td>
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<tr>
<td>PAD 5323</td>
<td>Public Policy Formation and Implementation</td>
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<tr>
<td>PAD 5343</td>
<td>Personnel Management in the Public Sector</td>
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<tr>
<td>PAD 5363</td>
<td>Public Sector Financial Management</td>
</tr>
<tr>
<td>PAD 5393</td>
<td>Economics for Public Administrators</td>
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</table>

Normally, students will enroll in PAD 5003 and 5023 during their initial semester

B. 9 semester credit hours in one of the following specializations, chosen in consultation with the M.P.A. program Graduate Advisor:

- Health Policy and Administration
- International Policy and Administration
- Public Management
- Public Policy
- Urban Planning Management

UTSA 1997–99 Graduate Catalog
C. 6 semester credit hours of electives

D. Comprehensive Examination. All candidates for the degree are required to pass both written and oral comprehensive examinations. Examinations are given in the Fall and Spring Semesters and are scheduled after a student has completed at least 30 semester credit hours in the program, including all core requirements.

E. Thesis Option. Students may also elect to complete a thesis as part of their M.P.A. degree program. Arrangements for this option are made through the Graduate Advisor of Record.

COURSE DESCRIPTIONS
PUBLIC ADMINISTRATION
(PAD)

5003 Contemporary Perspectives on Public Administration
(3-0) 3 hours credit.
Provides an overview of the theoretical foundations, substance, and boundaries of modern public administration. Examines the traditional management functions in the legal domain performed by public administrators as well as current issues and problems in the field.

5013 Communication Skills for Public Management
(3-0) 3 hours credit.
Designed to improve a student's ability to use oral, written, graphic, or other presentation techniques as a means of expressing and conceptualizing ideas. This course focuses on writing, staff reporting, and oral briefings in public administration. It includes instruction in grantwriting and the development and management of conferences, seminars, and workshops. (Formerly PAD 6513. Credit cannot be earned for both PAD 5013 and PAD 6513.)

5023 Quantitative Methods for Public Administration
(3-0) 3 hours credit. Prerequisite: undergraduate statistics or methodology course.
Quantitative aspects of analysis and decision-making, emphasizing research design and use of inferential and descriptive statistics with computer applications. Univariate analysis through multivariate analysis is covered. Cost-benefit analysis, linear programming, and decision trees also may be covered. (Formerly PAD 5903. Credit cannot be earned for both PAD 5903 and PAD 5023.)

5033 Theories of Public Bureaucracy
(3-0) 3 hours credit.
This course allows students to examine major theories of organization and assess these theories' fit with and impact on public sector bureaucracies. It places emphasis on organizational dynamics, behavior in bureaucracies, sources of organizational change, and the integration of theory and practice. (Formerly PAD 5903. Credit cannot be earned for both POL 5353 and PAD 5033.)
Urban Management
(3-0) 3 hours credit.
An examination of the major economic, social, and political processes involved in managing urban government in the United States. Special attention is given to retrenchment, capital budgeting, and intergovernmental financial policies as they relate to municipal government.

Scope and Methods of Analytical Inquiry
(3-0) 3 hours credit.
An exploration into the nature, breadth, and modes of analytical inquiry relevant to social, natural, managerial, policy, or other applied sciences. Attention focuses initially on the conduct of analysis, scientific investigation, and systematic inquiry.

Management Information Systems
(3-0) 3 hours credit.
This course explores managerial means of accessing, organizing, and using information and data systems in public organizations. Attention is given to use of Internet data retrieval and posting as well as internal database and information systems management.

Ethics in Government Administration
(3-0) 3 hours credit.
An analytical and normative inquiry into the philosophical and legal foundations of government administration; the propriety, application, and enforcement of ethical standards for conducting government. An empirical inquiry into the behavior of personnel in specific administrations. Topics may include the dilemmas associated with public administration in democracies, multicultural environments, and societies marked by socioeconomic and ideological stratification.

Public Policy Analysis
(3-0) 3 hours credit. Prerequisite: PAD 5323.
This course surveys theories, frameworks, approaches, and analytical tools in order to provide students with the basis for further study in policy analysis. Special attention is given to the role of policy analysis in forming the process of change and reform in American society. Students will be expected to demonstrate policy skills for creating useable knowledge by defining a specific policy problem and developing action alternatives that are realistic responses to the problem.

Public Policy Formation and Implementation
(3-0) 3 hours credit.
Processes through which public demands are generated, converted, and incorporated into formal policy. Examination of the multiple environmental factors which may affect policy implementations and outcomes.
5333 Program Evaluation
(3-0) 3 hours credit. Prerequisite: PAD 5023 or consent of instructor.
The process, politics, and methodology of analyzing and evaluating public programs. Uses, limitations, and biases of particular methods such as cost-benefit analysis. Students are required to produce a report applying diagnostic techniques and value judgments to a particular program.

5343 Personnel Management in the Public Sector
(3-0) 3 hours credit.
An examination of the theory and practice of human resource management in public organizations including the economic, political, and social factors shaping current human resource policies in the public sector. Provides an overview of current procedures and practices in the basic personnel functions with particular attention to alternatives for improvement. (Formerly POL 5343. Credit cannot be earned for both POL 5343 and PAD 5343.)

5353 Policy Issues in Public Services and Employment
(3-0) 3 hours credit.
Examines current issues in the public service such as productivity improvement, workforce development, total quality management, and labor/management relations. May be repeated when topics vary.

5363 Public Sector Financial Management
(3-0) 3 hours credit.
An examination of techniques and processes of financial management in public sector organization. Emphasis is on the practice of financial planning, budgeting, accounting, and the design/management of financial information systems.

5393 Economics for Public Administrators
(3-0) 3 hours credit.
Examines the basic concepts of macroeconomics and microeconomics as they relate to public policy formation and administration. Focus is on government involvement in the economy and the effects of market and nonmarket failure.

5423 Employment and Training Programs
(3-0) 3 hours credit.
An analysis of public policies and programs relating to the development, sustainment, and utilization of the workforce in America in the areas of labor economics, education and training, income maintenance, and workforce utilization.

5443 Diversity Policies and Management
(3-0) 3 hours credit.
Examines current policies and management practices associated with cultural, ethnic, and gender differences in the workplace. Includes analysis of the theoretical and historical bases for affirmative action policies, the impact of such policies, and their interaction with civil service systems and collective bargaining structures. (Formerly PAD 5433. Credit cannot be earned for both PAD 5433 and PAD 5443.)
5503 **Introduction to Urban Planning**  
(3-0) 3 hours credit.  
The course explores the development of methodologies and evolution of the city planning movement. An introduction to the major concepts and procedures used by city planners, with emphasis on the elements and technical functions of the urban general plan.

5513 **Urban and Regional Economic Development**  
(3-0) 3 hours credit.  
Scope and status of urban-regional economic development. Analyses of factors contributing to the economic growth or decline of U.S. cities or regions. Roles of government in urban and regional economic development and public/private cooperation. Case studies of specific urban areas.

5543 **Urban Housing**  
(3-0) 3 hours credit.  
Analysis of housing problems, their causes, and attempted solutions. Specific attention is given to the dynamics of the urban housing market as related to current and past administrations.

5563 **Urban Planning Methods**  
(3-0) 3 hours credit. Prerequisite: PAD 5503 or consent of instructor.  
This course focuses on the practical application of analytical tools and techniques available to the city planner in addressing social, economic, and environmental problems. Emphasis is placed on the comprehensive plan. Planning tools to be used are shift-share, input-output, trade area, fiscal impact, and demographic analysis.

5623 **Comparative Public Administration**  
(3-0) 3 hours credit.  
Analysis of a variety of contemporary administrative systems in Western, Communist, and developing nations. Special attention to historical development, organization, functioning, and recruitment in selected bureaucracies. Examines relationships between bureaucracies and other components of the political system.

5643 **International Security Policy and Administration**  
(3-0) 3 hours credit.  
A comparative examination of governmental functions that provide defense, internal security, and economic and social administration. Topics may include comparative policy formulation; resources and defense postures; defense systems, arms transfers, and control; nuclear environment; force in international law; diplomacy; threat perception and strategic surprise; intelligence agencies; and deterrence.

5653 **Public Policy and Administration in Latin America**  
(3-0) 3 hours credit. Prerequisite: Consent of instructor.  
Focuses on the distinctions of public policy formation and administration in Latin American countries. Interrelationships among countries and with the United States are also addressed.
5663 Development Administration
(3-0) 3 hours credit.
Explores the basic relationship between administration and development in underdeveloped, newly developing, and developed societies. Also analyzed is the role of development administration and supranational organizations, as well as regional and international political economic organizations.

5813 Health Issues and Policies
(3-0) 3 hours credit.
This course explores selected health policy areas and related contemporary topics.

5823 Health Finance and Economics
(3-0) 3 hours credit.
The course examines and considers issues of the finance of public health programs in the context of public demands and limited resources. Financial interaction between federal, state, and local governments and the private health care delivery system will also be explored. Focus will be placed on budgetary measures in the context of major public health problems.

5833 The Aging Population and Health Administration
(3-0) 3 hours credit.
The course explores the policies and administrative responses addressing the new public health needs and related living arrangements resulting from our increasingly aging population.

5843 Epidemiological Demands and Health Administration
(3-0) 3 hours credit.
Analyzes the administrative responses needed to address immediate and long-term issues of the factors involved in large-scale disease prevalence.

5863 International Health Issues
(3-0) 3 hours credit.
This course investigates salient health issues in countries other than the United States. Special focus is on the health problems of developing countries.

5873 Health Administration
(3-0) 3 hours credit.
An examination of the role of the public health administrator and the methods of public health administration within the context of public health policy.

5913 Nonprofit Organizations
(3-0) 3 hours credit.
The focus of this course is on the role and characteristics of nonprofit organizations. Topics include advocacy, governance, autonomy, public accountability, philanthropy and voluntarism, and financial resources. In
different semesters, focus may be given to organizations dealing with health and human services, community development, housing, education, energy, and the environment.

5923 **Nonprofit Leadership and Management**  
(3-0) 3 hours credit.  
This course focuses on leadership and managerial responsibilities and techniques in nonprofit organizations. Topics may include the roles and functions of boards of directors; the communicating of a vision and effectively moving toward it; strategic planning; coordinating committees of governmental and business leaders; organizing, coordinating, and facilitating meetings; the cultivation and use of volunteers; and the management of change and conflict.

5933 **Fiscal Resource Development and Management in Nonprofit Organizations**  
(3-0) 3 hours credit.  
Designed to promote a sophisticated understanding of philanthropic donating and behavior, fundraising, grant proposing and development, contracting, resource development planning, and financial and budgetary processes appropriate to nonprofit groups.

6213 **Social Justice**  
(3-0) 3 hours credit.  
The provision of normative guidance for understanding social issues and tracing the consequences of public service policies and programs through various constructions of justice. Competing facts and values which surround the contemporary debate over justice policy and practice. Topics include human agency, resistance to domination, developing alternative organizations, development of moral reasoning and values, and distributive justice.

6223 **Legal Regulation of Urban Systems**  
(3-0) 3 hours credit. Prerequisite: PAD 5503 or consent of instructor.  
This course focuses on how the law affects municipal management and planning practice. Topics include legal research, real property law, municipal corporations, land use and land development regulation, and municipal annexation.

6233 **Law and Policy**  
(3-0) 3 hours credit.  
This course examines the relationship between law and policy in the three branches of government and at the federal, state, and local levels. It focuses on the relationships between behavior and public law and policy.

6243 **Administrative Law**  
(3-0) 3 hours credit.  
Students are provided the opportunity to examine administrative rules, regulations, and procedures from a legal perspective. Topics may include the delegation of authority, freedom of information, and administrative rule-
making, discretion and hearings. (Formerly POL 5513. Credit cannot be earned for both PAD 6243 and POL 5513.)

6533 Transportation Planning  
(3-0) 3 hours credit.  
The course will examine existing and future urban transportation systems and principles in terms of their impact on urban, human, and natural resources.

6543 Urban Service Systems  
(3-0) 3 hours credit.  
Study of urban service systems (e.g., medical services, water/sewer systems, police systems, fire systems) as interrelated systems by analyzing their measures of effectiveness. The use of mathematical models for analyzing these functions is reviewed. Specific attention is given to spatial allocation, risk analysis, municipal deployment analysis, and multiattribute utility techniques.

6923 Applied Research  
(3-0) 3 hours credit. Prerequisite: Consent of instructor.  
Provides the opportunity to apply substantive expertise and technical skills to management or policy problems in the public sector. May be repeated once for credit with different emphasis.

6951,3 Independent Study  
1 or 3 hours credit. Prerequisites: Graduate standing and permission in writing (form available) of the instructor and the student's graduate advisor of record.  
Independent reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not usually available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours, regardless of discipline, will apply to the master's degree.

6961 Comprehensive Examination  
1 hour credit. Prerequisite: Approval of the appropriate Graduate Studies Committee to take the Comprehensive Examination.  
Independent study course for the purpose of taking the Comprehensive Examination. May be repeated as many times as approved by the Graduate Studies Committee. Enrollment is required each term in which the Comprehensive Examination is taken if no other courses are being taken that term. The grade report for the course is either CR (satisfactory performance on the Comprehensive Examination) or NC (unsatisfactory performance on the Comprehensive Examination).

6963,6 Internship  
3 or 6 hours credit.  
An opportunity will be provided for the students to work in a setting which will permit them to apply the knowledge learned in the formal instruction part of the program. May be repeated for credit, but not more than 6 hours will apply to the master's degree.
6973 **Special Problems**  
(3-0) 3 hours credit. Prerequisite: Consent of instructor.  
An organized course offering the opportunity for specialized study not  
usually available as part of the regular course offerings. Special Problems  
courses may be repeated for credit when the topics vary, but not more than  
6 hours, regardless of discipline, will apply to the master's degree.

6983-6 **Master's Thesis**  
3 to 6 hours credit. Prerequisites: Permission of the Graduate Advisor of  
Record and thesis director.  
Thesis research and preparation. May be repeated for credit, but not more  
than 6 hours will apply to the master's degree. Credit will be awarded upon  
completion of the thesis. Enrollment is required each term in which the  
thesis is in progress.

**COURSE DESCRIPTIONS**  
**CRIMINAL JUSTICE**  
(CRJ)

5013 **Crime and Justice: Theory and Policy**  
(3-0) 3 hours credit.  
An examination of the phenomenon of crime and its impact on victims,  
social institutions, and the criminal justice system. Particular attention will  
be given to the interactions between theories of crime, the processes for  
developing policy alternatives, and implementation of justice delivery.  
(Formerly CRJ 5003. Credit cannot be earned for both CRJ 5003 and CRJ  
5013.)

5423 **Seminar in Correctional Administration**  
(3-0) 3 hours credit.  
A study of correctional components of the criminal justice system, including  
institutional and community-based components. Reviews impact of legal  
and social change on correctional agencies. Emphasis on planning and  
evaluation of innovative programs.

5543 **Juvenile Justice, Schools, and Public Policy**  
(3-0) 3 hours credit.  
An examination of the causes, extent, and nature of delinquent behavior;  
the role of schools; and related social institutions. Focuses on juvenile law  
and the judicial process, school, and public policies for delinquency  
prevention and control; evaluative research on the relative costs and  
effectiveness of various interventions and programs. (Credit cannot be earned  
for both CRJ 5543 and CRJ 6973.)

5753 **Legal Dimensions of Criminal Justice**  
(3-0) 3 hours credit.  
A review of recent and contemporary legal issues related to the  
administration of criminal justice. Examines legal parameters of the criminal  
justice system in terms of impact on various component parts.

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6953,6 Independent Study
3 or 6 hours credit. Prerequisites: Graduate standing and permission in
writing (form available) of the instructor and the student's graduate advisor
of record.
Independent reading, research, discussion, and/or writing under the
direction of a faculty member. For students needing specialized work not
usually available as part of the regular course offerings. May be repeated
for credit, but not more than 6 hours, regardless of discipline, will apply to
the master's degree.

6973 Special Problems
(3-0) 3 hours credit. Prerequisite: Consent of instructor.
An organized course offering the opportunity for specialized study not
usually available as part of the regular course offerings. Special Problems
courses may be repeated for credit when the topics vary, but not more than
6 hours, regardless of discipline, will apply to the master's degree.

COURSE DESCRIPTIONS
GEOGRAPHY
(GRG)

5303 Economic Geography
(3-0) 3 hours credit.
Substantive and theoretical consideration of the economic implications of
geography. Topics include the development of industrial patterns, subsistence
patterns, transportation systems, and resource exploitation. Central place
theory, Boserup's theory of agricultural growth, and other theoretical matters
are considered.

5323 Seminar in Urban Geography
(3-0) 3 hours credit.
Advanced study of urban structure and urban dynamics viewed from a spatial
perspective. Topics may include urbanization, housing and neighborhood
space, intraurban migration, the location of economic activity in the city,
and urban land-use systems. May be repeated for credit when the topics
vary.

6973 Special Problems
(3-0) 3 hours credit. Prerequisite: Consent of instructor.
An organized course offering the opportunity for specialized study not
usually available as part of the regular course offerings. Special Problems
courses may be repeated for credit when the topics vary, but not more than
6 hours, regardless of discipline, will apply to the master's degree.
Master of Arts Degree in Political Science

The Master of Arts in Political Science (M.A.) degree is a professional degree designed to provide graduates with skills in acquiring and analyzing data on political behavior within societies, the relationship between data and theory, the interplay between politics and economics, and the basis of divergent theoretical perspectives. If they desire, students will also have the opportunity to specialize in one of two areas, Political Communications and Behavior or Political Economy. Students choosing the first specialization (leading to possible careers in public opinion polling, political campaign management, political consulting, political journalism, and public relations) should become proficient in such fields as political psychology, electoral behavior, and campaign management. Those choosing the second specialization (leading to possible careers in public or private sectors of domestic or international business and government) will have the opportunity to acquire detailed knowledge and skills in a variety of areas including political economy, business and labor, and budgeting and finance in the public sector.

Program Admission Requirements. In order to qualify for unconditional admission, applicants must satisfy University-wide graduate admission requirements, submit Graduate Record Examination (GRE) scores, have completed 18 hours in upper-division undergraduate or graduate-level courses in political science or related fields, have a 3.0 average in the last 60 hours of undergraduate and graduate work, and be accepted by the Graduate Studies Committee. Applicants who do not meet the above requirements will be considered for conditional admission. Also, students may be admitted as special graduate students. Admission as a special graduate student does not guarantee subsequent admission as a degree-seeking graduate student. These students must reapply for degree-seeking status.

Degree Requirements. The minimum number of semester credit hours required for the master's degree, exclusive of coursework or other study required to remove deficiencies and courses in foreign languages, is 36. Admission to the program may require students without a basic foundation in statistics and/or social science research methods to complete an undergraduate-level course in one of those areas before enrolling in the Research Methods course. Students selecting the Political Economy specialization and those whose coursework or thesis/master's essay topic emphasizes comparative and international politics will also be required to demonstrate reading proficiency in a foreign language through a written examination.

All candidates for the degree must complete

A. 12 semester credit hours of core courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
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<tbody>
<tr>
<td>POL 5003</td>
<td>Political Inquiry</td>
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<tr>
<td>POL 5013</td>
<td>Research Methods</td>
</tr>
<tr>
<td>POL 5023</td>
<td>Political Economy</td>
</tr>
<tr>
<td>POL 5033</td>
<td>Political Communications and Behavior</td>
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</tbody>
</table>

B. All students will take 18 semester credit hours (if master's thesis) or 21 semester credit hours (if master's essay) of designated elective courses in consultation with their faculty advisor. Normally, at least 6 of these elective hours will be taken outside of political science.

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C. Students choosing the specialization in Political Communications and Behavior will be required to complete at least 9 of the prescribed 12 to 15 semester credit hours from the following courses:

- POL 5403 Topics in Political Communications and Behavior
- POL 5413 Political Psychology
- POL 5423 Campaign Management and Consulting
- POL 5433 Electoral Behavior
- POL 5443 Polling and Survey Research Techniques
- POL 6963 Internship

D. Students choosing the specialization in Political Economy will be required to complete at least 9 hours of the prescribed 12 or 15 semester credit hours from the following courses:

- POL 5803 Topics in Political Economy
- POL 5813 Principles of Economic Governance
- POL 5823 Political Economy of the Americas
- POL 5833 Business and Labor in U.S. Politics
- ECO 5303 International Trade and Finance
- FIN 5043 Budgeting and Finance in the Public Sector
- or
- PAD 5363 Public Sector Financial Management
- POL 6963 Internship

E. Comprehensive Examination. All candidates for the degree are required to pass a written comprehensive examination prior to enrolling in POL 6983 (Master's Thesis) or POL 6993 (Master's Essay).

F. Thesis Option. Based on their career goals, students must submit either a written master's thesis (6 semester credit hours) or master's essay (3 semester credit hours) in order to complete the program.

COURSE DESCRIPTIONS
POLITICAL SCIENCE
(POL)

5003 Political Inquiry
(3-0) 3 hours credit.
A critical survey of political science as an academic and an applied discipline. Topics may include links to and differences from the other social sciences; the relationship of theory, facts, and values; policy analysis and prescription; ethics and politics; approaches to research; and teaching politics.

5013 Research Methods
(3-0) 3 hours credit.
Methods of inquiry in political science. Topics may include major theoretical and research traditions, quantitative and qualitative approaches, problems of conceptualization and operationalization, research design, data collection

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techniques, probability and sampling, descriptive and inferential statistics, and use of standard computer packages.

5023 Political Economy
(3-0) 3 hours credit.
Analysis of the interplay of politics and economics in the domestic and international arenas. Divergent theoretical perspectives and their basis in the work of classical and contemporary political economists and social theorists. Topics may include the politics and economics of international trade, technology policy, educational reform, industrial restructuring, privatization, environmental policy, and labor-market policy.

5033 Political Communications and Behavior
(3-0) 3 hours credit.
An examination of major theories and research dealing with human behavior and interaction in politics, drawing on the literature of political sociology, political communications, political anthropology, and political psychology. Professional applications such as public opinion polling, political journalism, public relations, campaign management, political advertising, and political consulting will be considered.

5103 Topics in American Politics
(3-0) 3 hours credit.
An examination of an individual topic or set of issues in American politics. May be repeated for credit when topics vary.

5123 Ethnic Politics
(3-0) 3 hours credit.
How ethnic differences influence political behavior, policy-making, and policy outcomes in the United States. Theories of ethnic relations. Strategies for dealing with ethnic conflict and discrimination.

5133 Gender Politics
(3-0) 3 hours credit.

5153 American Government and Politics
(3-0) 3 hours credit.
An examination of the major issues, problems, and processes of American government and administration.

5203 Topics in Political Theory
(3-0) 3 hours credit.
An examination of an individual topic, theorist, or set of issues in political theory. May be repeated for credit when topics vary.
5303 Topics in Comparative and International Politics  
(3-0) 3 hours credit.  
An examination of an individual topic or set of issues in comparative and/or international politics. May be repeated for credit when topics vary.

5403 Topics in Political Communications and Behavior  
(3-0) 3 hours credit.  
An examination of an individual topic or set of issues in political communications and behavior. May be repeated for credit when topics vary.

5413 Political Psychology  
(3-0) 3 hours credit.  
The application of psychological theories to the explanation and prediction of political phenomena at individual, small group, organizational, and nation-state levels. Topics may include political socialization; personality and political leadership; the social psychology of mass participation; rational choice and symbolic politics paradigms of political behavior; psychological models of international conflict; and models of political cognition.

5423 Campaign Management and Consulting  
(3-0) 3 hours credit.  
An examination of strategies and techniques employed in managing electoral and lobbying campaigns. Topics may include development of comprehensive campaign plans, techniques of fundraising and budgeting, advertising and public relations, canvassing phone banks, sociodemographic targeting, use of polls, image management, and use of mass media.

5433 Electoral Behavior  
(3-0) 3 hours credit.  
An examination of political science theory and research on elections and voting behavior in the United States and other countries. Topics may include electoral cycles and realignment patterns, the impact of media coverage and campaign tactics on opinions, turnout, and electoral outcomes, the sociodemographic and psychological variables influencing voting and nonvoting.

5443 Polling and Survey Research Techniques  
(3-0) 3 credit hours.  
The sources, dynamics, and political effects of public opinion. Emphasis is on applied quantitative and qualitative techniques of data collection and analysis commonly used by political scientists, polling organizations, and political consultants in measuring citizen orientations. Topics may include survey methods, interviewing, focus groups, debate meters, sociodemographic targeting, content analysis, frame analysis, simulation, multidimensional scaling, and cluster analysis.
Constitutional Law and Judicial Decision-Making
(3-0) 3 hours credit.
An advanced course in constitutional law and interpretation. Special emphasis is placed on written judicial decisions, the political environment of judicial decision-making, and the impact of constitutional policy upon society.

International Relations
(3-0) 3 hours credit.
An analysis of the complexity of the international system: its actors, institutions, economics, conflicts, and management. Topics may include development, military conflicts, aid, conflict resolution, international institutions, resources, the environment, and space.

Intergovernmental Relations in the United States
(3-0) 3 hours credit.
The administrative and political effects of the division of authority among coordinate units of government. Federal-state, state-local, local-federal, state-state, local-local, and governmental-nongovernmental relations will all be examined.

American Foreign Policy
(3-0) 3 hours credit.
An intensive analysis of the policy formulation process and the substance of selected contemporary problems in foreign policy. Political and institutional factors affecting foreign policies will be stressed along with the analysis of policy options.

Comparative Political Systems
(3-0) 3 hours credit.
Comparative analysis of institutions, processes and policy objectives in various Western, Communist, and developing political systems.

International Organizations
(3-0) 3 hours credit.
An examination of international political and economic organizations, as well as major issues involving them. Topics may include alliance systems, regional development, common markets, peacekeeping, international conferences, United Nations, IMF, World Bank, and regional organizations.

Topics in Political Economy
(3-0) 3 hours credit.
An examination of an individual topic or set of issues in political economy. May be repeated for credit when topics vary.

Principles of Economic Governance
(3-0) 3 hours credit.
Examination of the changing principles and practices of economic governance in Western democracies. The shift to market-oriented governance techniques. Theories of state-business relations. Case studies
of specific national and regional governance regimes. Topics may include fiscal and monetary policy, the management of welfare systems, industrial development and antitrust, communications policy, trade policy, natural resource management, and regional development.

5823 Political Economy of the Americas
(3-0) 3 hours credit.
An examination of the changing relationship between the state, society, and the private sector in Latin America, and its influence on hemispheric relations. Topics considered may include state ownership and privatization, industrial policy, trade union influence, foreign investment and foreign trade policy, and the impact of NAFTA, GATT, and other international agreements.

5833 Business and Labor in U.S. Politics
(3-0) 3 hours credit.
An examination of the influence of business and labor organizations over public policy formation and implementation and elections. Theories and case studies of business and labor influence. Interest group organization, strategies, and tactics. Policy areas considered may include industrial relations and labor law, regulatory practices, foreign trade, the environment, government subsidization, taxation, and finance.

6951-3 Independent Study
1 to 3 hours credit. Prerequisites: Graduate standing and permission in writing (form available) of the instructor and the student's graduate advisor of record.
Independent reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not usually available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours, regardless of discipline, will apply to the master's degree.

6961 Comprehensive Examination
1 hour credit. Prerequisite: Approval of the appropriate Graduate Studies Committee to take the Comprehensive Examination.
Independent study course for the purpose of taking the Comprehensive Examination. May be repeated as many times as approved by the Graduate Studies Committee. Enrollment is required each term in which the Comprehensive Examination is taken if no other courses are being taken that term. The grade report for the course is either CR (satisfactory performance on the Comprehensive Examination) or NC (unsatisfactory performance on the Comprehensive Examination).

6963,6 Internship
3 or 6 hours credit.
Practical experience in a work place setting in which classroom knowledge of political institutions and processes and public policy can be deepened and applied. May be repeated for credit to a maximum of 6 hours.
6973 Special Problems
(3-0) 3 hours credit. Prerequisite: Consent of instructor.
An organized course offering the opportunity for specialized study not
usually available as part of the regular course offerings. Special Problems
courses may be repeated for credit when the topics vary, but not more than
6 hours, regardless of discipline, will apply to the master's degree.

6983 Master's Thesis
6 hours credit. Prerequisites: Permission of the Graduate Advisor of Record
and thesis director.
Thesis research and preparation. May be repeated for credit, but not more
than 6 hours will apply to the master's degree. Credit will be awarded on
completion of the thesis. Enrollment is required each term in which the
thesis is in progress.

6993 Master's Essay
3 hours credit. Prerequisites: Permission of the Graduate Advisor of Record
and Master's Essay Director.
Master's essay research and preparation. May not be repeated for credit.
Credit will be awarded on completion of the essay. Enrollment is required
in the first term in which the essay is in progress.

Master of Science Degree in Sociology

The Master of Science degree in Sociology (M.S.) is a professional degree designed
to prepare graduates with the skills necessary to enter the professional workforce as
sociologists or to pursue further study at the doctoral level. Graduates will have the
opportunity to acquire a knowledge base in sociological methods and in growing
areas of community concern, such as health, aging, civil-military relations,
socioeconomic development, gender issues, and race and ethnic relations. They will
have the necessary research skills to define social issues and problems, select data
collection techniques, establish appropriate analysis methods, develop statistical
reports, and undertake organizational policy analyses for business, industries, and
governmental organizations.

Program Admission Requirements. In order to qualify for unconditional admission,
applicants must satisfy University-wide graduate admission requirements, submit
Graduate Record Examination (GRE) scores, and be recommended for admission by
the Graduate Studies Committee. Applicants must have completed 18 semester hours
of undergraduate courses, 12 of which must be at the upper-division level, in the area
of sociology or in related areas, including a course in theory and a course in research
methods or statistics. Applicants who do not meet these requirements will be
considered for conditional admission. Conditional applicants must submit the Graduate
Record Examination (GRE) Sociology Test or other indicators of preparation for
graduate study, such as completion of additional undergraduate coursework to remove
deficiencies, and completion of 9 or more semester credit hours of graduate courses,
and the achievement of a 3.0 grade-point average. An applicant not eligible for either
unconditional or conditional admission may be recommended for admission as a
special graduate student. This status does not guarantee subsequent admission as a
degree-seeking graduate student. Such students must reapply for degree-seeking status.
**Degree Requirements.** The minimum number of semester credit hours required for the M.S. degree, exclusive of coursework or other study required to remove deficiencies, is 36.

All candidates for the degree must complete

A. 12 semester credit hours of core courses:

SOC 5003 Sociological Theory  
SOC 5013 Advanced Conceptualization and Measurement  
SOC 5023 Quantitative Research Methods  
or  
SOC 5033 Qualitative Research Methods  
SOC 5043 Evaluation Research

B. 12 semester credit hours of prescribed electives:

SOC 5103 Complex Organizations  
SOC 5113 Civil Military Relations  
SOC 5123 Family Contexts and Social Change  
SOC 5133 Sociology of Health and Health Care  
SOC 5143 Demography and Community Trends  
SOC 5153 Sociology of Tourism and Leisure  
SOC 5203 Social Stratification  
SOC 5213 Race and Ethnic Relations  
SOC 5223 Mexican Americans  
SOC 5233 Gender and Society  
SOC 5243 Aging and Society  
SOC 6903 Topics in Advanced Sociology  
SOC 6953 Independent Study  
SOC 6961 Comprehensive Examination

C. 6 semester credit hours of electives must be taken outside of sociology

D. 6 semester credit hours of Internship or Thesis

1. Internship Option

Students may participate in an internship (the nonthesis option) after completion of 18 semester credit hours. Internships offer work-oriented experiences within local organizational settings where the principles, theories, concepts, and methods of the discipline can be applied. A research paper under the supervision of assigned faculty is required.

2. Thesis Option

Students may select the thesis option after 24 semester credit hours.

E. Comprehensive Examination. All candidates for the degree are required to pass both written and oral comprehensive examinations. Examinations are scheduled after a student has completed at least 30 semester credit hours in the program.
COURSE DESCRIPTIONS

SOCIOLOGY
(SOC)

5003  Sociological Theory
(3-0) 3 hours credit.
The nature of sociological theory, the major varieties of theory, the theorists
who developed them, and the social and historical contexts of theory
development and construction. Issues concerning the relation of theory and
research are also explored.

5013  Advanced Conceptualization and Measurement
(3-0) 3 hours credit. Prerequisite: 3 semester hours of undergraduate research
methods.
Advanced quantitative research methods. Topics may include index
construction and scaling, analysis of variance, multiple correlation, and
regression, with use of applicable computer programs to analyze local, state,
and/or national data sets.

5023  Quantitative Research Methods
(3-0) 3 hours credit. Prerequisite: SOC 5013.
Analyses will be pursued using a variety of multivariate statistical techniques
developed to meet specialized research problems. Topics may include log-
linear analysis, factor analysis, path analysis, discriminant function analysis,
logistic regression and/or LISREL, among other applications.

5033  Qualitative Research Methods
(3-0) 3 hours credit. Prerequisite: SOC 5013.
Qualitative strategies and techniques used in conducting social science
research, including field methods such as participant observation, in-depth
interviews, and the collection of documents. Emphasis is on understanding
the ways in which people interpret their experience and construct and share
their reality.

5043  Evaluation Research
(3-0) 3 hours credit. Prerequisite: SOC 5013.
Theory and practice of evaluation of public policy and social service
programs. Evaluation theories, models, and key evaluation studies are
reviewed. Practical and political issues involved in the design and
implementation of evaluations are addressed. Evaluation of a social agency
or program may be included.

5103  Complex Organizations
(3-0) 3 hours credit. Prerequisites: SOC 5003 and SOC 5013.
Structure and dynamics of large organizations, with emphasis on outcomes
related to varying organizational contexts. The influence of culture and
society on organizational behavior also is examined.
5113 Civil Military Relations  
(3-0) 3 hours credit. Prerequisite: SOC 5013.  
Theories of military organization, and the impact of the military on societies  
and communities. Topics may include race/gender relations, military unions,  
coup d'etat, war, and technology.

5123 Family Contexts and Social Change  
(3-0) 3 hours credit.  
Family system organization and process within the broader context of  
community and society. Emphasis given to the changing historical roles of  
families, as well as to cross-cultural, socioeconomic, race and ethnic, and  
gender variability in the family. The impact of education, the economy,  
and politics is also considered.

5133 Sociology of Health and Health Care  
(3-0) 3 hours credit. Prerequisite: SOC 5013.  
The relation of social behavior to health status, epidemiology, and the social  
organization of medicine within the United States. Emphasis is given to  
the development of the health care industry and problems associated with  
the delivery of health care services.

5143 Demography and Community Trends  
(3-0) 3 hours credit. Prerequisite: SOC 5013.  
Basic demographic perspectives and data; methods of analysis of population  
size, distribution, and composition; determinants and consequences of  
population trends. Applications of computer programs for demographic  
analysis may be included.

5153 Sociology of Tourism and Leisure  
(3-0) 3 hours credit. Prerequisite: SOC 5013.  
Interdisciplinary survey of current theories and research on leisure activity.  
Leisure trends and their effects on tourism and economic development are  
examined.

5203 Social Stratification  
(3-0) 3 hours credit.  
Theory and research pertaining to structures of social inequality—their  
causes, forms, and consequences. Emphasis is given to the distribution of  
power, prestige, and economic privilege, and patterns of social mobility  
within the United States.

5213 Race and Ethnic Relations  
(3-0) 3 hours credit.  
Dominant-subordinate relations between various racial and ethnic groups,  
from cross-cultural theoretical perspectives. Models of assimilation, cultural  
pluralism, and colonialism are investigated, as are their implications for  
minority and majority group members.
5223 **Mexican Americans: Community, Culture, and Class**
(3-0) 3 hours credit.
Sociological focus on the Mexican American population. Emphasis is given to the theories used to interpret the experiences of this group, particularly those oriented to issues of stratification and social mobility.

5233 **Gender and Society**
(3-0) 3 hours credit. Prerequisites: SOC 5003 and SOC 5013.
Interdisciplinary survey of theory and current research on gender and gender-related issues. Gender-based theories are examined and compared to explanations for other forms of social stratification. Implications for family dynamics, the labor force, and the economy are explored.

5243 **Aging and Society**
(3-0) 3 hours credit. Prerequisite: SOC 5013.
Theory and research on the structure and dynamics of age stratification. Historical and cross-cultural differences in the status of the elderly are emphasized, as are the policy implications of demographic shifts toward an aging population.

6903 **Topics in Advanced Sociology**
(3-0) 3 hours credit. Prerequisites: SOC 5003 and SOC 5013.
A seminar offering the opportunity for specialized study not usually available as part of the regular course offerings. Topics may include social gerontology, deviance, demography of aging, social psychology, religion, culture and society, mass communications, and research applications. May be repeated for credit as topics vary.

6951-3 **Independent Study**
1 to 3 hours credit. Prerequisites: Graduate standing and permission in writing (form available) of the instructor and the student's graduate advisor of record.
Independent reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not usually available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours, regardless of discipline, will apply to the master's degree.

6961 **Comprehensive Examination**
1 hour credit. Prerequisite: Approval of the appropriate Graduate Studies Committee to take the Comprehensive Examination.
Examinations will be scheduled after a student has completed at least 30 hours in the program. Independent study course for the purpose of taking the Comprehensive Examination. May be repeated as many times as approved by the Graduate Studies Committee. Enrollment is required each term in which the Comprehensive Examination is taken if no other courses are being taken that term. The grade report for the course is either CR (satisfactory performance on the Comprehensive Examination) or NC (unsatisfactory performance on the Comprehensive Examination).
6963,6 **Internship**  
3 or 6 hours credit. Prerequisite: Consent of instructor and 18 semester credit hours of graduate work.  
Work-oriented experience within a local organizational setting where the principles, theories, concepts, and methods of the discipline can be applied. A research paper under the supervision of assigned faculty is required.

6973 **Special Problems**  
(3-0) 3 hours credit. Consent of instructor.  
An organized course offering the opportunity for specialized study not usually available as part of the regular course offerings. Special Problems courses may be repeated for credit when the topics vary, but not more than 6 hours, regardless of discipline, will apply to the master's degree.

6983,6 **Master's Thesis**  
3 or 6 hours credit. Prerequisite: Permission of the Graduate Advisor of Record and thesis director, and 24 semester credit hours of graduate work. Thesis research and preparation. May be repeated for credit, but not more than 6 hours will apply to the master's degree. Credit will be awarded upon completion of the thesis. Enrollment is required each term in which the thesis is in progress.