CORE CURRICULUM COMPONENT AREA REQUIREMENTS

First Year Experience Requirement (3 semester credit hours)
All students must complete one of the following courses, for a total of 3 semester credit hours:

AIS 1203    Academic Inquiry and Scholarship (core component area 090)  3
AIS 1213    AIS: Architecture, Construction, and Planning (core component area 090)  3
AIS 1223    AIS: Arts and Humanities (core component area 090)  3
AIS 1233    AIS: Business (core component area 090)  3
AIS 1243    AIS: Engineering, Mathematics, and Sciences (core component area 090)  3
AIS 1253    AIS: Interdisciplinary Education (core component area 090)  3
AIS 1263    AIS: Life and Health Sciences (core component area 090)  3
AIS 1273    AIS: Social Sciences and Public Policy (core component area 090)  3

Communication (010) (6 semester credit hours)
Courses in this category focus on developing ideas and expressing them clearly, considering the effect of the message, fostering understanding, and building the skills needed to communicate persuasively. This requirement involves the command of oral, aural, written, and visual literacy skills that enable people to exchange messages appropriate to the subject, occasion, and audience.

Students must complete the following courses, for a total of 6 semester credit hours:

WRC 1013    Freshman Composition I  3
WRC 1023    Freshman Composition II  3

Mathematics (020) (3 semester credit hours)
Courses in this category focus on quantitative literacy in logic, patterns, and relationships. They involve the understanding of key mathematical concepts and the application of appropriate quantitative tools to everyday experience.

Students must complete one of the following courses, for a total of 3 semester credit hours:

CS 1173    Data Analysis and Visualization  3
MAT 1023    College Algebra with Applications  3
MAT 1043    Introduction to Mathematics  3
MAT 1053    Mathematics for Business  3
MAT 1073    Algebra for Scientists and Engineers  3
MAT 1093    Precalculus  3
MAT 1133    Calculus for Business  3
MAT 1193    Calculus for the Biosciences  3
MAT 1214    Calculus I  4
STA 1053    Basic Statistics  3

Life and Physical Sciences (030) (6 semester credit hours)
Courses in this category focus on describing, explaining, and predicting natural phenomena using the scientific method. This requirement involves the understanding of interactions among natural phenomena and the implications of scientific principles on the physical world and on human experiences.

Students must complete two of the following courses, for a total of 6 semester credit hours:

ANT 2033    Introduction to Biological Anthropology  3
AST 1013    Introduction to Astronomy  3
AST 1033    Exploration of the Solar System  3
BIO 1233    Contemporary Biology I  3
BIO 1243    Contemporary Biology II  3
BIO 1404    Biosciences I  4
BIO 1414    Biosciences II  4
CHE 1083    Introduction to the Molecular Structure of Matter  3
CHE 1093    Introduction to Molecular Transformations  3
ES 1113    Environmental Botany  3
ES 1123    Environmental Zoology  3
ES 1213    Environmental Geology  3
ES 2013    Introduction to Environmental Science I  3
ES 2023    Introduction to Environmental Science II  3
GEO 1013    The Third Planet  3
GEO 1123    Life Through Time  3
GES 2613    Physical Geography  3
PHY 1943    Physics for Scientists and Engineers I  3
PHY 1963    Physics for Scientists and Engineers II  3

Language, Philosophy and Culture (040) (3 semester credit hours)
Courses in this category focus on how ideas, values, beliefs, and other aspects of culture express and affect human experience. This requirement involves the exploration of ideas that foster aesthetic and intellectual creation in order to understand the human condition across cultures.

Students must complete one of the following courses, for a total of 3 semester credit hours:

AAS 2013    Introduction to African American Studies  3
AAS 2113    African American Culture, Leadership and Social Issues  3
ANT 2063    Language, Thought, and Culture  3
ARC 1113    Introduction to the Built Environment  3
CHN 1014    Elementary Chinese I  4
Creative Arts (050) (3 semester credit hours)

Courses in this category focus on the appreciation and analysis of creative artifacts and works of the human imagination. These courses involve the synthesis and interpretation of artistic expression and enable critical, creative, and innovative communication about works of art.

Students must complete one of the following courses, for a total of 3 semester credit hours:

- AHC 1113 Survey of Art and Architecture from Prehistoric Times to 1350 (3)
- AHC 1123 Survey of Art and Architecture in Europe and the New World from 1350 to 1750 (3)
- AHC 1133 Survey of Modern Art (3)
- ARC 1513 Great Buildings and Cities of the World (3)
- ARC 2413 History of Architecture I (3)
- ART 1103 Introduction to Visual Arts (3)
- BBL 2023 Latino Cultural Expressions (3)
- CLA 2033 Introduction to Classical Literature (3)
- DAN 2003 Introduction to Dance (3)
- HUM 2023 Introduction to the Humanities I (3)
- HUM 2033 Introduction to the Humanities II (3)
- HUM 2053 History of Film (3)
- MAS 2023 Latino Cultural Expressions (3)
- MUS 2243 World Music in Society (3)
- MUS 2633 American Roots Music (3)
- MUS 2653 Music in Culture (3)
- MUS 2663 History and Styles of Jazz (3)
- MUS 2673 History and Styles of Rock (3)
- MUS 2683 History and Styles of Western Art Music (3)
- MUS 2713 History of Recorded Music (3)
- MUS 2743 Music and Film (3)
- PHI 2073 Philosophy of Art (3)

American History (060) (6 semester credit hours)

Courses in this category focus on the consideration of past events and ideas relative to the United States, with the option of including Texas History for a portion of this component area. These courses involve the interaction among individuals, communities, states, the nation, and the world, considering how these interactions have contributed to the development of the United States and its global role.

Students must complete two of the following courses, for a total of 6 semester credit hours:

- HIS 1043 United States History: Pre-Columbus to Civil War Era (3)
- HIS 1053 United States History: Civil War Era to Present (3)
- HIS 2053 Texas History (3)

Government-Political Science (070) (6 semester credit hours)

Courses in this category focus on consideration of the Constitution of the United States and the constitutions of the states, with special emphasis on that of Texas. This requirement involves the analysis of governmental institutions, political behavior, civic engagement, and their political and philosophical foundations.
Core Curriculum Component Area Requirements

Students must complete two of the following courses, for a total of 6 semester credit hours:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 1013</td>
<td>Introduction to American Politics</td>
<td>3</td>
</tr>
</tbody>
</table>

and one of the following two courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 1133</td>
<td>Texas Politics and Society</td>
<td>3</td>
</tr>
<tr>
<td>POL 1213</td>
<td>Civil Rights in Texas and America</td>
<td>3</td>
</tr>
</tbody>
</table>

Social and Behavioral Sciences (080) (3 semester credit hours)

Courses in this category focus on the application of empirical and scientific methods that contribute to the understanding of what makes us human. These courses involve the exploration of behavior and interactions among individuals, groups, institutions, and events, examining their impact on the individual, society, and culture.

Students must complete one of the following courses, for a total of 3 semester credit hours:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMS 2043</td>
<td>Approaches to American Culture</td>
<td>3</td>
</tr>
<tr>
<td>ANT 1013</td>
<td>Introduction to Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ANT 2043</td>
<td>Introduction to Archaeology</td>
<td>3</td>
</tr>
<tr>
<td>ANT 2053</td>
<td>Introduction to Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>BBL 2003</td>
<td>Language, Culture, and Society</td>
<td>3</td>
</tr>
<tr>
<td>BBL 2243</td>
<td>Bilingual Families, Communities, and Schools: National and Transnational Experiences</td>
<td>3</td>
</tr>
<tr>
<td>BIO 1033</td>
<td>Drugs and Society</td>
<td>3</td>
</tr>
<tr>
<td>CRJ 1113</td>
<td>The American Criminal Justice System</td>
<td>3</td>
</tr>
<tr>
<td>ECO 2003</td>
<td>Economic Principles and Issues</td>
<td>3</td>
</tr>
<tr>
<td>ECO 2023</td>
<td>Introductory Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>EGR 1343</td>
<td>The Impact of Modern Technologies on Society</td>
<td>3</td>
</tr>
<tr>
<td>GES 1013</td>
<td>Fundamentals of Geography</td>
<td>3</td>
</tr>
<tr>
<td>GES 2623</td>
<td>Human Geography</td>
<td>3</td>
</tr>
<tr>
<td>HTH 2413</td>
<td>Introduction to Community and Public Health</td>
<td>3</td>
</tr>
<tr>
<td>HTH 2513</td>
<td>Personal Health</td>
<td>3</td>
</tr>
<tr>
<td>IDS 2113</td>
<td>Society and Social Issues</td>
<td>3</td>
</tr>
<tr>
<td>PSY 1013</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 1013</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 2013</td>
<td>Social Problems</td>
<td>3</td>
</tr>
<tr>
<td>SOC 2023</td>
<td>Social Context of Drug Use</td>
<td>3</td>
</tr>
</tbody>
</table>

Component Area Option (CAO) (3 semester credit hours)

The courses listed below meet the requirements specified in one of the foundational component areas above.

Students must complete either one of the following courses or any additional Core Curriculum course not previously used to satisfy a core component area requirement, for a total of 3 semester credit hours:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 2113</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>EGR 1403</td>
<td>Technical Communication</td>
<td>3</td>
</tr>
<tr>
<td>ENG 2413</td>
<td>Technical Writing</td>
<td>3</td>
</tr>
<tr>
<td>PHI 2043</td>
<td>Introductory Logic</td>
<td>3</td>
</tr>
<tr>
<td>PAD 1113</td>
<td>Public Administration and Policy in American Society (core component area 097)</td>
<td>3</td>
</tr>
</tbody>
</table>