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:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHC 1113</td>
<td>Survey of Art and Architecture from Prehistoric Times to 1350</td>
<td>3</td>
</tr>
<tr>
<td>AHC 1123</td>
<td>Survey of Art and Architecture in Europe and the New World from 1350 to 1750</td>
<td>3</td>
</tr>
<tr>
<td>AHC 1133</td>
<td>Survey of Modern Art</td>
<td>3</td>
</tr>
<tr>
<td>ARC 1513</td>
<td>Great Buildings and Cities of the World</td>
<td>3</td>
</tr>
<tr>
<td>ARC 2413</td>
<td>History of Architecture I</td>
<td>3</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS 1043</td>
<td>United States History: Pre-Columbus to Civil War Era</td>
<td>3</td>
</tr>
<tr>
<td>HIS 1053</td>
<td>United States History: Civil War Era to Present</td>
<td>3</td>
</tr>
<tr>
<td>HIS 2053</td>
<td>Texas History</td>
<td>3</td>
</tr>
</tbody>
</table>

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.

<table>
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</tr>
<tr>
<td>HIS 2053</td>
<td>Texas History</td>
<td>3</td>
</tr>
</tbody>
</table>
Students must complete two of the following courses, for a total of 6 semester credit hours:

- **POL 1013** Introduction to American Politics 3
- and one of the following two courses:
  - **POL 1133** Texas Politics and Society 3
  - **POL 1213** Civil Rights in Texas and America 3

**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:

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

**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:

- **COM 2113** Public Speaking (core component area 091) 3
- **EGR 1403** Technical Communication (core component area 091) 3
- **ENG 2413** Technical Writing (core component area 091) 3
- **PAD 1113** Public Administration and Policy in American Society (core component area 097) 3
- **PHI 2043** Introductory Logic (core component area 092) 3