Charger Foundations

Welcome to Charger Foundations, a set of courses dedicated to helping you engage with new ideas, complex situations, and diverse perspectives. Encompassing almost one-third of your undergraduate curriculum, the courses of Charger Foundations will enhance your skills, expand your horizons, and encourage you to build on the core values of the Charger Nation: integrity, respect, diligence, excellence, inclusiveness, and diversity.

The development of competencies associated with these values begins with Charger Foundations coursework. Below, you will see a matrix providing an overview of the competencies central to your Foundations work and aligned with the Alabama General Studies Commission (AGSC) Area Requirements.

Core Competencies

The University of Alabama in Huntsville is committed to four core competencies that serve as the foundation for undergraduate general education. These four core competencies follow.

1. Effective communication (Area I)
2. Engagement with questions of values, ethics, and aesthetics as represented in literature, the humanities, and the arts (Area II)
3. Understanding of the scientific method and application of quantitative or inductive reasoning (Area III)
4. Understanding of human behavior and economic, social, and political structures as represented in the disciplines of history and the social and behavioral sciences (Area IV)

These core competencies are consistent with those of the State of Alabama mandated articulation agreement under ACT 94-303, which ensures the transferability of credits from the State's two-year institutions to its four-year institutions.

Requirements by College

Colleges of Arts, Humanities, and Social Sciences, Business, Nursing, Professional and Continuing Studies, and Science (41 hours)

<table>
<thead>
<tr>
<th>AGSC Area</th>
<th>Categories</th>
<th>Required Hours</th>
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<tr>
<td>I</td>
<td>Freshman Composition</td>
<td>3-6 hours</td>
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<tr>
<td>II²</td>
<td>Fine Arts</td>
<td>3 hours</td>
</tr>
<tr>
<td></td>
<td>Humanities (literature)</td>
<td>3 hours</td>
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<tr>
<td></td>
<td>Humanities (non-literature)</td>
<td>3 hours</td>
</tr>
<tr>
<td></td>
<td>Humanities/Fine Arts</td>
<td>3 hours</td>
</tr>
<tr>
<td>III</td>
<td>Mathematics</td>
<td>3-4 hours</td>
</tr>
<tr>
<td></td>
<td>Natural Sciences (lab)</td>
<td>8 hours</td>
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<tr>
<td>IV⁴</td>
<td>History</td>
<td>3 hours</td>
</tr>
<tr>
<td></td>
<td>Social &amp; Behavioral Sciences (non-history)</td>
<td>6 hours</td>
</tr>
<tr>
<td></td>
<td>History/SBS</td>
<td>3 hours</td>
</tr>
</tbody>
</table>

¹ Take either 1 EH (Literature) + 2 HY (History) or 2 EH (Literature) + 1 HY (History). Take no more than six hours in a single discipline in Area II or Area IV.

College of Engineering (35 hours)

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<td>Humanities</td>
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<tr>
<td>III</td>
<td>Mathematics</td>
<td>3-4 hours</td>
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<td>Natural Sciences (lab)</td>
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<td>IV⁵</td>
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<td>History/SBS</td>
<td>6 hours</td>
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</table>
Take either 1 EH (Literature) + 2 HY (History) or 2 EH (Literature) + 1 HY (History). Take no more than six hours in a single discipline in Area II or Area IV.

### College of Education (35 hours)

<table>
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<td>II</td>
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<td>IV</td>
<td>History</td>
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<td></td>
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Take either 1 EH (Literature) + 2 HY (History) or 2 EH (Literature) + 1 HY (History). Take no more than six hours in a single discipline in Area II or Area IV.

Pathways through Charger Foundations will vary by college and major. Confer with your academic advisor to select appropriate Foundations courses each semester.

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**Area III: Mathematics and Sciences**

**Mathematics**

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<td>MA 107</td>
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<td>MA 110</td>
<td>FINITE MATHEMATICS</td>
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<td>MA 112</td>
<td>PRECALCULUS ALGEBRA</td>
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<td>MA 113</td>
<td>PRECALCULUS TRIGONOMETRY</td>
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<td>MA 115</td>
<td>PRECALCULUS ALGEBRA &amp; TRIG</td>
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**Natural Sciences (Lab)**

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<td>AST 106</td>
<td>EXPLORING THE COSMOS I</td>
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<td>AST 107</td>
<td>EXPLORING THE COSMOS II</td>
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<td>BYS 119</td>
<td>PRINCIPLES OF BIOLOGY</td>
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<td>BYS 120</td>
<td>ORGANISMAL BIOLOGY</td>
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<td>INTRO TO CHEMISTRY</td>
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<tr>
<td>&amp; CH 105</td>
<td>and INTRO CHEMISTRY LAB</td>
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<td>CH 121</td>
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<td>&amp; CH 125</td>
<td>and GENERAL CHEMISTRY LAB I</td>
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<td>GENERAL CHEMISTRY II and GENERAL CHEMISTRY LAB II</td>
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<td>CH 151 &amp; CH 105</td>
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<td>ESS 111</td>
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**Area IV: History and Social and Behavioral Sciences**

**History**

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<td>HY 104</td>
<td>WORLD HISTORY SINCE 1500</td>
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<td>HY 221</td>
<td>UNITED STATES TO 1877</td>
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**Social and Behavioral Sciences**

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<td>PSC 102</td>
<td>INTRO TO COMPARATIVE POLITICS</td>
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<td>SOC 105</td>
<td>INTRO CULTURAL ANTHROPOLOGY</td>
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* Take either 1 EH (Area II) + 2 HY (Area IV) <OR> 2 EH (Area II) + 1 HY (Area IV). Take **no more than six hours** in a single discipline in Area II or Area IV.