<table>
<thead>
<tr>
<th>Course Number</th>
<th>Credits</th>
<th>Course Name</th>
<th>Prerequisites, Corequisites and/or Prerequisites with Concurrency</th>
<th>Semester Usually Offered</th>
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</thead>
<tbody>
<tr>
<td>EH 101</td>
<td>3</td>
<td>College Writing I</td>
<td>Placement</td>
<td>FA/SP/SU</td>
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<tr>
<td>EH 102</td>
<td>3</td>
<td>College Writing II</td>
<td>EH 101 or EH 101S</td>
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<tr>
<td>EH 103</td>
<td>3</td>
<td>Accelerated College Writing</td>
<td>Placement</td>
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<td>EH 105</td>
<td>3</td>
<td>Honors English Seminar</td>
<td>Honors</td>
<td>FA</td>
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</table>

### Area II: Humanities and Fine Arts 12 credits

- **Area I: Freshman Composition** 6 credits – see attached for more options
- **Area II: Humanities and Fine Arts** 12 credits
- **Area III: Mathematics and Sciences** 11-12 credits
- **Area IV: History and Social & Behavioral Sciences** 12 credits
- **Area V: Pre-Professional** 24 credits

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### Area I: Freshman Composition

- 6 credits – see attached for more options

### Area II: Humanities and Fine Arts

- 12 credits
- Fine Art
- Literature
- Non-Literature Humanity - Ethics requirement

### Area III: Mathematics and Sciences

- 11-12 credits
- Calculus A
- Environmental Earth Science + Lab
- Principles of Biology + Lab
- General Chemistry I + Lab
- General Physics w/ Calculus I + Lab

### Area IV: History and Social & Behavioral Sciences

- 12 credits
- History
- Social & Behavioral Science
- History/Social & Behavioral Science

### Area V: Pre-Professional

- 24 credits
- Charger Success - Science
- Intro to Computer Programming
- Technical Writing
- Calculus B
- Calculus C
- Intro to Linear Algebra
- Intro to Probability & Statistics

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### Major Requirements

- 33 credits
- Computer Science Core
- Computer Science Elective Requirements
- Computer Science Electives
- General Electives

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**Computer Science Core** 30 credits

- **Computer Science** 3 credits
- **Intro to Discrete Structures** 3 credits
- **Computer Sci II: Date Structures** 3 credits
- **Computer Org & Switching Theory + Lab** 3 credits
- **Intro Design/Analysis of Alg** 3 credits
- **Intro Object-Oriented Prog Java** 3 credits
- **Intro to Digital Comp Architecture + Lab** 3 credits
- **Principles Programming Language** 3 credits
- **Intro to Operating Systems** 3 credits
- **Sr Project: Team Software Design** 3 credits

**Computer Science Elective Requirements** 15 credits

- Choose four CS courses at the 300-level or higher not listed in the courses above to reach a minimum of 9 credit hours.

**Computer Science Electives**

- Elective courses can be taken from any department and do not have to be taken in your major or minor.

**General Electives**

- Elective courses can be taken from any department and do not have to be taken in your major or minor.

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The Catalog is the final authority for all degree requirements.

Placement Requirements: [https://www.uah.edu/admissions/undergraduate/admitted-students/academic-placement](https://www.uah.edu/admissions/undergraduate/admitted-students/academic-placement)  
Revised 4.27.2022
## Charger Foundations Choices

### I. Freshman Composition
Choose 1
- College Writing I & II (EH 101 + 102)
- Intensive Writing & Studio & Freshman Comp II (EH 101S + 101L & EH 102)
- Honors English Seminar (EH 105, equivalent to EH 101 & EH 102)
- Accelerated College Writing (EH 103, equivalent to EH 101 & EH 102)

### II. Fine Arts
Choose 1
- Ancient to Medieval Art (ARH 100)
- Renaissance to Modern Art (ARH 101)
- World Art (ARH 103)
- Introduction to Drawing (ARS 160)
- Intro to Film Studies (FMA 123)
- Intro to Music Literature (MU 100)
- Theatre Appreciation (TH 122)

### II. Humanities (Literature)
Choose 1
- Readings Literature/Culture I (EH 207)
- Readings Literature/Culture II (EH 208)
- Honors Literature/Culture I (EH 209)
- Honors Literature/Culture II (EH 210)
- Literature Without Borders (EH 241)

### II. Humanities (Non-Literature)
Choose 1
- Intro to Ethics (PHL 102)
- Science, Tech & Human Values (PHL 150)

### III. Mathematics
Choose 1
- Calculus A (MA 171 or MA 171S)

### III. Natural Sciences (Lab) Sequence
Choose one 2-course sequence
- Environmental Earth Science (AES 103/103L) and Weather & Climate Change (AES 104/104L)
- Principles of Biology (BYS 119/121) and Organismal Biology (BYS 120/122)
- General Chemistry I (CH 121/125) and General Chemistry II (CH 123/126)
- General Physics w/ Calculus I (PH 111/114) and General Physics w/ Calculus II (PH 112/115)

### IV. History
Choose 1
- World History I (HY 103)
- World History II (HY 104)
- United States to 1877 (HY 221)
- United States Since 1877 (HY 222)

### IV. Social & Behavioral Sciences
Choose 2
- World Geography (AES 105)
- Human Geography (AES 110)
- Global systems & Cultures (GS 200)
- Macroeconomics (ECN 142)
- Microeconomics (ECN 143)
- American Gov't (PSC 101)
- Politics & Foreign Gov't (PSC 102)
- International Relations (PSC 260)
- General Psychology (PY 101)
- Life Span Development (PY 201)
- Intro to Sociology (SOC 100)
- Analysis of Social Problems (SOC 102)
- Intro to Criminology (SOC 103)

### Students must take one literature and one history course.

**Area II Sequence**
- Take a 2nd Literature **AND** History or Social & Behavioral Science

**OR**

**Area IV Sequence**
- Take either 2nd History **OR** 3rd Social & Behavioral Science **AND** Fine Arts or Non-Literature Humanities or Literature Humanities

### Area V. Choices

#### Computer Programming
Choose 1
- Intro to C Programming (CS 102)
- Intro to Programming Using Java (CS 103)
- Intro to Computer Science Using Python (CS 104)

## Optional Concentrations Offered

- Data Science Concentration
- Entertainment Computing Concentration
- Web Programming Concentration

Please work with your Academic Advisor to determine substitute/additional courses to take if you are interested in a degree with a specific concentration.