## 2021 - 2022 Major Map
Exploratory Math, Physical Sciences, Engineering and Technology

**School/College:** University College  
**Location:** Online, ASU Local@Los Angeles  
**UCEMTPEXPL**

### Term 1 - A 0 - 7 Credit Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA) OR MAT 265: Calculus for Engineers I (MA) OR MAT 266: Calculus for Engineers II (MA) OR MAT 267: Calculus for Engineers III (MA) ASU 101-UC: The ASU Experience</td>
<td>3</td>
<td>C</td>
<td>- ASU 101 or college-specific equivalent First Year Seminar required of all first-year students. - Select your career interest communities and play me3@ASU.</td>
</tr>
</tbody>
</table>

**Term hours subtotal:** 7

### Term 1 - B 7 - 15 Credit Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition Natural Science - Quantitative (SQ) UNI 150: Major and Career Exploration</td>
<td>3</td>
<td>C</td>
<td>- View ASU Online first-year student registration information here.</td>
</tr>
</tbody>
</table>

**Term hours subtotal:** 8

### Term 2 - A 15 - 22 Credit Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA) OR MAT 265: Calculus for Engineers I (MA) OR MAT 266: Calculus for Engineers II (MA) OR MAT 267: Calculus for Engineers III (MA) UNI 250: Choosing a Major Social-Behavioral Sciences (SB) AND Global Awareness (G)</td>
<td>3</td>
<td>C</td>
<td>- Join a student club or professional organization.</td>
</tr>
</tbody>
</table>

**Term hours subtotal:** 7

### Term 2 - B 22 - 29 Credit Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural Science - General (SG) OR Natural Science - Quantitative (SQ) Humanities, Arts and Design (HU) AND Historical Awareness (H) Complete ENG 101 OR ENG 105 OR ENG 107 course(s).</td>
<td>4</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Term hours subtotal:** 7

### Term 3 - A 29 - 36 Credit Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA) OR MAT 265: Calculus for Engineers I (MA) OR MAT 266:</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Term hours subtotal:** 7
Calculus for Engineers II (MA) OR MAT 267: Calculus for Engineers III (MA)  
3  
C

UNI 270: Career Direction for a Successful Future  
1  
C

Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)  
3

Term hours subtotal: 7

<table>
<thead>
<tr>
<th>Term 3 - B 36 - 42 Credit Hours</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer/Statistics/Quantitative Applications (CS)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Humanities, Arts and Design (HU)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Term hours subtotal: 6

<table>
<thead>
<tr>
<th>Term 4 - A 42 - 45 Credit Hours</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Literacy and Critical Inquiry (L)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Milestone: Selection of a major.

Term hours subtotal: 3

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students considering ASU majors which require a second language may consult with an academic advisor to consider a second language course for any term.
- Students should consider completing Global, Historical, and Cultural Awareness requirements with their Social and Behavioral or Humanities and Fine Arts courses.

Total Hours: 45
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:
- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:
- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition
General Studies designations listed on the major map are current for the 2021 - 2022 academic year.