# 2018 - 2019 Major Map

## Applied Quantitative Science, BS

**School/College:** College of Integrative Sciences and Arts  
**Location:** Downtown Phoenix campus, Polytechnic campus, Tempe campus, West campus

### LSAQSBS

#### Term 1  0 - 16 Credit Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics (MA)</td>
<td>3</td>
<td></td>
<td>- SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses</td>
</tr>
<tr>
<td>ASU 101-UC: The ASU Experience</td>
<td>1</td>
<td></td>
<td>- Mathematics Placement Assessment score determines placement into mathematics course</td>
</tr>
<tr>
<td>ENG 101 or ENG 102: First-Year Composition OR</td>
<td>3</td>
<td>C</td>
<td>- ASU 101 or college-specific equivalent First-Year Seminar required of all freshman students</td>
</tr>
<tr>
<td>ENG 105: Advanced First-Year Composition OR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENG 107 or ENG 108: First-Year Composition</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Social-Behavioral Sciences (SB)</td>
<td>3</td>
<td></td>
<td>- Select your career interest area and play me3@ASU</td>
</tr>
<tr>
<td>Complete 2 courses:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td>6</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Term hours subtotal:** 16

#### Term 2  16 - 32 Credit Hours

<table>
<thead>
<tr>
<th>Course</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>- Join a student club or professional organization.</td>
</tr>
<tr>
<td>ENG 101 or ENG 102: First-Year Composition OR</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>ENG 105: Advanced First-Year Composition OR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENG 107 or ENG 108: First-Year Composition</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cultural Diversity in the U.S. (C)</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>
<tr>
<td>Natural Science - Quantitative (SQ)</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Complete ENG 101 OR ENG 105 OR ENG 107 course(s).</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Term hours subtotal:** 16

#### Term 3  32 - 47 Credit Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Statistics</td>
<td>3</td>
<td>C</td>
<td>- Secure a part-time job or volunteer experience.</td>
</tr>
<tr>
<td>Global Awareness (G)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Literacy and Critical Inquiry (L)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Social-Behavioral Sciences (SB)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Complete Mathematics (MA) requirement.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Term hours subtotal:** 15

#### Term 4  47 - 63 Credit Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Skills</td>
<td>3</td>
<td>C</td>
<td>- See suggested list of courses for fulfilling major requirements here.</td>
</tr>
<tr>
<td>Technical/Professional Communication</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>Historical Awareness (H)</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>
<tr>
<td>Natural Science - Quantitative (SQ) OR Natural Science - General (SG)</td>
<td>4</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Term 5 63 - 78 Credit Hours **Necessary course signified by ★**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper Division Statistics</td>
<td>3</td>
<td>C</td>
<td>• Network in your career interest area.</td>
</tr>
<tr>
<td><strong>Complete 2 courses:</strong></td>
<td></td>
<td></td>
<td>• See suggested list of courses for fulfilling major requirements here.</td>
</tr>
<tr>
<td>Upper Division Major Electives</td>
<td>6</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>Upper Division Literacy and Critical Inquiry (L)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper Division Social-Behavioral Sciences (SB) OR Upper Division</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Humanities, Arts and Design (HU)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Term hours subtotal: 16

Term 6 78 - 93 Credit Hours **Necessary course signified by ★**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Complete 2 courses:</strong></td>
<td></td>
<td></td>
<td>• Use Handshake to research employment opportunities.</td>
</tr>
<tr>
<td>Upper Division Major Electives</td>
<td>6</td>
<td>C</td>
<td>• See suggested list of courses for fulfilling major requirements here.</td>
</tr>
<tr>
<td>Complete 3 courses:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td>9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AND Historical Awareness (H) course(s).</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Term hours subtotal: 15

Term 7 93 - 108 Credit Hours **Necessary course signified by ★**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Complete 2 courses:</strong></td>
<td></td>
<td></td>
<td>• Gather professional references.</td>
</tr>
<tr>
<td>Upper Division Major Electives</td>
<td>6</td>
<td>C</td>
<td>• Apply for full-time career opportunities.</td>
</tr>
<tr>
<td><strong>Complete 2 courses:</strong></td>
<td></td>
<td></td>
<td>• See suggested list of courses for fulfilling major requirements here.</td>
</tr>
<tr>
<td>Upper Division Elective</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Term hours subtotal: 15

Term 8 108 - 120 Credit Hours **Necessary course signified by ★**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper Division Capstone/Project</td>
<td>3</td>
<td>C</td>
<td>• See suggested list of courses for fulfilling major requirements here.</td>
</tr>
<tr>
<td>Upper Division Major Electives</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td><strong>Complete 2 courses:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper Division Elective</td>
<td>6</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Term hours subtotal: 12

This degree is only available as a concurrent degree at the Downtown Phoenix, Tempe and West campuses. Students choosing this major as a concurrent degree with another ASU major will only require 9 credits of major electives, resulting in 24 total credits in this major. Students should contact their academic advisor in their current major to begin the process to add this major as a concurrent degree option.
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

• 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 2018 - 2019 academic year.