2022 - 2023 Major Map
Science, Technology and Society, BS

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
ECSTSBS

<table>
<thead>
<tr>
<th>Term 1 0 - 16 Credit Hours</th>
<th>Critical course signified by</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>STS 101: Introduction to Science, Technology and Society (SB)</td>
<td>3</td>
<td>C</td>
<td>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</td>
<td></td>
</tr>
<tr>
<td>ASU 101-CLS: The ASU Experience</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<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</td>
<td>3</td>
<td>C</td>
<td>• Transfer students with 64 credit hours or more transferred must take STS 304 instead of STS 101.</td>
<td></td>
</tr>
<tr>
<td>Mathematics (MA) (MAT 142 recommended)</td>
<td>3</td>
<td></td>
<td>• Select your career interest communities and play me3@ASU.</td>
<td></td>
</tr>
<tr>
<td>Humanities, Arts and Design (HU)</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Elective</td>
<td>3</td>
<td></td>
<td></td>
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</tbody>
</table>

Term hours subtotal: 16

<table>
<thead>
<tr>
<th>Term 2 16 - 32 Credit Hours</th>
<th>Critical course signified by</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>STS 110: Global Technology and Development (SB &amp; G)</td>
<td>3</td>
<td>C</td>
<td>• It is highly recommended that STS students take a statistics course for their (CS) general studies requirement.</td>
<td></td>
</tr>
<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</td>
<td>3</td>
<td>C</td>
<td>• Transfer students with 64 credit hours or more transferred must take STS 317 instead of STS 110.</td>
<td></td>
</tr>
<tr>
<td>Computer/Statistics/Quantitative Applications (CS)</td>
<td>3</td>
<td></td>
<td>• Join a student club or professional organization.</td>
<td></td>
</tr>
<tr>
<td>Natural Science - Quantitative (SQ)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

Complete ENG 101 OR ENG 105 OR ENG 107 course(s).

Term hours subtotal: 16

<table>
<thead>
<tr>
<th>Term 3 32 - 47 Credit Hours</th>
<th>Critical course signified by</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humanities, Arts and Design (HU)</td>
<td>3</td>
<td></td>
<td>• Secure a part-time job or volunteer experience.</td>
<td></td>
</tr>
<tr>
<td>Related Area Course</td>
<td>3</td>
<td>C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cultural Diversity in the U.S. (C)</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Literacy and Critical Inquiry (L)</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td>3</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

Complete Mathematics (MA) requirement.

Term hours subtotal: 15

<table>
<thead>
<tr>
<th>Term 4 47 - 60 Credit Hours</th>
<th>Critical course signified by</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural Science - Quantitative (SQ) OR Natural Science - General (SG)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Related Area Course</td>
<td>3</td>
<td>C</td>
<td></td>
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</tbody>
</table>

Term hours subtotal: 15

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Students will work with the CISA Polytechnic Social Science faculty head and faculty to create a program of study specific to the student's areas of interest.

**Science, Technology and Governance Track Option #2**

- **POS 310: American National Government** (SB)
- **STS 328: Science, Technology, and Culture** (SB)

Students must select one "Upper Division Track Focus Area" to complete from choices below. Please contact your advisor for further information.

- **Build your professional connections --- join the ASU Mentor Network**

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**Related Area Course**

- Complete 2 courses:
  - Upper Division Track Focus Area Course
  - Related Area Course

**Term 6 75 - 90 Credit Hours Necessary course signified by ⭐**

- **STS 303: History of Science and Technology** (H)
- **STS 302: Philosophy of Science and Technology** (SB)

**Complete 2 courses:**

- **Upper Division Track Focus Area Course**
- **Related Area Course**

**Term hours subtotal:** 15

**Term 7 90 - 108 Credit Hours Necessary course signified by ⭐**

- **STS 306: Social Effects of Science and Technology** (SB)

**Complete 3 courses:**

- **Elective**
- **Upper Division Track Focus Area Course**

**Term hours subtotal:** 18

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

- **STS 484: Internship**

**Complete 2 courses:**

- **Upper Division Track Focus Area Course**
- **Upper Division Elective**

**Term hours subtotal:** 12

- **Students must select one “Upper Division Track Focus Area” to complete from choices below.**

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**Global Technology and Development Track Option #3**

- **STS 328: Science, Technology, and Culture** (SB)
will complete 18 credit hours of coursework in this Track.

| STS 318: Science, Technology, and Government (SB) | STS 329: Technology in Developing Countries (SB & G) |
| STS 325: Science, Technology, and Public Policy (SB) | STS 330: Information Technology and Globalization (SB & G) |
| STS 331: Ethical Issues in Science and Technology (SB) | STS 331: Ethical Issues in Science and Technology (SB) |
| STS 364: Science, Technology, and National Security (SB) | STS 332: Global Issues in Science and Technology (SB) |

**Related Area Courses**

AES OR AFR OR AIS OR APA OR ASB
OR ASM OR COM OR ECN OR FAS OR
GCU OR HST OR ISS OR JUS OR MIS OR
PHI OR POS OR PSY OR REL OR SGS OR
SOC OR SOS OR TCL OR VTS OR WST
Elective

**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.

**Total Hours**: 120

**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 2022 - 2023 academic year.