# 2016 - 2017 Major Map
## Innovation in Society, BA

**School for the Future of Innovation in Society**  
Study at: **Tempe campus**  
**FIFISBA**

### Term 1  
0 - 14 Credit Hours  
**Critical course signified by 🌟**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Minimum Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>🌟 FIS 101: SFIS: The ASU Experience</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>🌟 FIS 111: Welcome to the Future</td>
<td>3</td>
<td>C</td>
</tr>
<tr>
<td>ENG 101 or ENG 102: First-Year Composition OR</td>
<td>3</td>
<td>C</td>
</tr>
<tr>
<td>ENG 105: Advanced First-Year Composition OR</td>
<td></td>
<td></td>
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<tr>
<td>ENG 107 or ENG 108: First-Year Composition</td>
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<td></td>
</tr>
<tr>
<td>MAT 142: College Mathematics (MA) OR Mathematics (MA)</td>
<td>3</td>
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</tbody>
</table>

2** Second Language: Requirement satisfied through the following:  
- Completion of secondary education at a school in which the language of instruction is not English;  
- Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV;  
- Completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country.

Term hours subtotal: 14  
- An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses  
- ASU Mathematics Placement Test score determines placement in mathematics course  
- ASU 101 or college-specific equivalent First-Year Seminar required of all freshman students

### Term 2  
15 - 30 Credit Hours  
**Critical course signified by 🌟**

<table>
<thead>
<tr>
<th>Course</th>
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</thead>
<tbody>
<tr>
<td>ENG 101 or ENG 102: First-Year Composition OR</td>
<td>3</td>
<td>C</td>
</tr>
<tr>
<td>ENG 105: Advanced First-Year Composition OR</td>
<td></td>
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<tr>
<td>ENG 107 or ENG 108: First-Year Composition</td>
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<tr>
<td>Computer/Statistics/Quantitative Applications (CS) ( CIS 105 recommended)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Humanities, Arts and Design (HU)</td>
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| Elective                                                                 | 3     |               |
| **Complete ENG 101 OR ENG 105 OR ENG 107 course(s).**                  |       |               |

Term hours subtotal: 16
### Term 3  
**31 - 44 Credit Hours**  
**Critical course signified by 🔴**  
<table>
<thead>
<tr>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>C</td>
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<tr>
<td>4</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**FIS 201: Innovation in Society**  
Natural Science - Quantitative (SQ)

2** Second Language: Requirement satisfied through the following:  
* Completion of secondary education at a school in which the language of instruction is not English;  
* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV;  
* Completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country.

Social-Behavioral Sciences (SB)

Complete First-Year Composition requirement.

Complete Mathematics (MA) requirement.

**Term hours subtotal:** 14

### Term 4  
**45 - 60 Credit Hours**  
**Critical course signified by 🔴**  
<table>
<thead>
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<tr>
<td>3</td>
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<td>4</td>
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</table>

**FIS 305: Ways of Knowing**  
Literacy and Critical Inquiry (L)

Natural Science - General (SG) OR  
Natural Science - Quantitative (SQ)

2** Second Language: Requirement satisfied through the following:  
* Completion of secondary education at a school in which the language of instruction is not English;  
* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV;  
* Completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country.

Elective

**Term hours subtotal:** 16

### Term 5  
**61 - 75 Credit Hours**  
**Necessary course signified by ⭐**  
<table>
<thead>
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<tr>
<td>3</td>
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</table>

**FIS 307: Navigating Futures**  
Humanities, Arts and Design (HU)

Social-Behavioral Sciences (SB)

Historical Awareness (H)

Elective

**Term hours subtotal:** 15

### Term 6  
**76 - 90 Credit Hours**  
**Necessary course signified by ⭐**  
<table>
<thead>
<tr>
<th>Hours</th>
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<tbody>
<tr>
<td>3</td>
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**FIS 308: Politics, Markets and Innovation**  
Upper Division Core FIS Elective
### Core FIS Electives

- FIS 331: Technology and the Modern World
- FIS 332: Risk and the Future
- FIS 333: Governing Emerging Technologies
- FIS 334: Science, Technology and Inequality
- FIS 335: Designing Knowledge
- FIS 337: Innovation and Global Development
- FIS 336: Science and Technology Policy

### Upper Division Related Area Electives

- FIS 431: Technology, Security and Insecurity in Global Politics
- ASB 452: Community Partnerships for Global Health (SB)
- COM 312: Communication, Conflict, and Negotiation
- CEE 300: Engineering Business Practice (L)
- BIO 311: Biology and Society
- BIO 312: Bioethics (HU)
- BIO 320: Fundamentals of Ecology
- BIO 324: Environmental Ethics (HU)
- BIS 301: Foundations of Interdisciplinary Studies (L)
- JUS 445: Surveillance and Society

### Term 7

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Hours</th>
<th>Minimum Grade</th>
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<tbody>
<tr>
<td>FIS 480: Innovation in Society Studio</td>
<td>3</td>
<td>C</td>
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</tr>
<tr>
<td>Upper Division Related Area Elective</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper Division Humanities, Arts and Design (HU) OR</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper Division Social-Behavioral Sciences (SB)</td>
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<tr>
<td>Cultural Diversity in the U.S. (C)</td>
<td>3</td>
<td></td>
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<tr>
<td>Upper Division Elective</td>
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</tbody>
</table>

**Term hours subtotal:** 15

### Term 8

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Upper Division Core FIS Elective</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper Division Related Area Elective</td>
<td>3</td>
<td></td>
<td></td>
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<tr>
<td>Complete 3 courses: Upper Division Elective</td>
<td>9</td>
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<td></td>
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</tbody>
</table>

**Term hours subtotal:** 15
JUS 456: Human Rights and Sustainability ((L or SB) & G)
JUS 303: Justice Theory (L)
JUS 325: Globalization and Socio-Economic Justice (SB & G)
HST 345: Environmental History (L)
HST 318: History of Engineering ((L or SB) & G)
HPS 314: Philosophy of Science (HU)
HPS 322: History of Science (HU & H)
HPS 340: Biology and Society
GPH 314: Global Change (HU & G)
ECN 355: Economics of Healthcare
COM 314: Inner-City Families: The Cycle of Poverty
COM 421: Rhetoric of Social Issues (HU)
COM 426: Political Communication (SB)
ECN 445: Environmental Economics
PAF 300: Public Management and Administration
PAF 311: Leadership and Change (SB)
SOS 315: Energy Policy
SOS 321: Policy and Governance in Sustainable Systems
SOS 320: Society and Sustainability (L or SB)
SOS 322: International Development and Sustainability
SOS 327: Sustainable Food and Farms
SOS 328: Sustainability and Enterprise
TCL 447: Gender, Culture, and Development ((L or SB) & G)
WST 440: Politics of Women's Health (SB & C)

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
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 2016 - 2017 academic year.