## 2016 - 2017 Major Map
### Sustainability, BA

**School/College:** School of Sustainability  
**Location:** Polytechnic campus, Tempe campus

### Term 1 - 14 Credit Hours

<table>
<thead>
<tr>
<th>Critical course</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
</table>
| ASU 101-SOS: The ASU Experience OR SOS 201: Introduction to ASU and Sustainability | 1 | C | -  
| SOS 101: Introduction to Applied Mathematics for the Life and Social Sciences (MA) or MAT 170: Precalculus (MA) | 3 | C | -  
| SOS 111: Sustainable Cities (HU or SB) & G | 3 | B- | -  
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | -  

Second Language: Requirement satisfied through the following:  
* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.  

Minimum 2.50 GPA ASU Cumulative.  
Minimum 3.00 GPA in SOS.  

**Term hours subtotal:** 14

### Term 2 - 15 - 30 Credit Hours

<table>
<thead>
<tr>
<th>Critical course</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
</table>
| SOS 110: Sustainable World (SB) | 3 | B- | -  
| ENG 101 | 3 | C | -  
| STP 226: Elements of Statistics (CS) | 3 | C | -  
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | -  

Second Language: Requirement satisfied through the following:  
* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.  

Complete ENG 101 OR ENG 105 OR ENG 107 course(s).  
Complete SOS 110 AND SOS 111 course(s).  
Minimum 2.50 GPA ASU Cumulative.  
Minimum 3.00 GPA in SOS.  

**Term hours subtotal:** 16

### Term 3 - 31 - 45 Credit Hours

<table>
<thead>
<tr>
<th>Critical course</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
</table>
| SOS 220: Systems Thinking | 3 | C | -  
| SOS 230: Professional skills in Sustainability | 1 | C | -  
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | -  
| Natural Science - Quantitative (SQ) | 4 | | -  

- 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.  
- SOS 201 required of all Sustainability transfer students.  
- Second Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take placement or proficiency exam. CLEP and AP credit are also viable options for fulfilling the second language requirement.  

- A score of 4 or 5 on the AP Environmental Science exam fulfills the SOS 110 course requirement.  
- STP 226 is recommended; however, other statistics courses may be accepted. Students who have taken or plan to take a different statistics course should see their advisor to confirm applicability.
Second Language: Requirement satisfied through the following:

* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.

Complete First-Year Composition requirement.

Minimum 2.50 GPA ASU Cumulative.

Minimum 3.00 GPA in SOS.

Complete Mathematics (MA) requirement.

Term hours subtotal: 15

<table>
<thead>
<tr>
<th>Term 4 46 - 62 Credit Hours</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete 2 courses:</td>
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<td></td>
</tr>
<tr>
<td>SOS 20: Society and Sustainability (L or SB) or SOS 21: Policy and Governance in Sustainable Systems or SOS 22: International Development and Sustainability or SOS 323: Sustainable Urban Dynamics or SOS 465: Sustainable Urbanism or SOS 324: Sustainable Energy, Materials, and Technology or SOS 325: The Economics of Sustainability or SOS 326: Sustainable Ecosystems or SOS 327: Sustainable Food and Farms or SOS 328: Sustainability and Enterprise</td>
<td>6</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>SOS 231: Careers in Sustainability</td>
<td>1</td>
<td>C</td>
<td></td>
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<tr>
<td>SOS 310: Equity, Justice and Sustainability</td>
<td>3</td>
<td>C</td>
<td></td>
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<tr>
<td>Second Language: Requirement satisfied through the following:</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.</td>
<td>4</td>
<td>C</td>
<td></td>
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<tr>
<td>Elective</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Complete SOS 230 AND SOS 231 course(s).</td>
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<tr>
<td>Milestone: Select a track.</td>
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<tr>
<td>Minimum 2.50 GPA ASU Cumulative.</td>
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<tr>
<td>Minimum 3.00 GPA in SOS.</td>
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</table>

Term hours subtotal: 17

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<thead>
<tr>
<th>Term 5 63 - 77 Credit Hours</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOS 20: Society and Sustainability (L or SB) or SOS 21: Policy and Governance in Sustainable Systems or SOS 322: International Development and Sustainability or SOS 323: Sustainable Urban Dynamics or SOS 465: Sustainable Urbanism or SOS 324: Sustainable Energy, Materials, and Technology or SOS 325: The Economics of Sustainability or SOS 326: Sustainable Ecosystems or SOS 327: Sustainable Food and Farms or SOS 328: Sustainability and Enterprise</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>Upper Division Track Required Course</td>
<td>3</td>
<td>C</td>
<td></td>
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<tr>
<td>SOS 311: Future Thinking and Strategies</td>
<td>3</td>
<td>C</td>
<td></td>
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<tr>
<td>Related Discipline Elective</td>
<td>3</td>
<td>C</td>
<td></td>
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<tr>
<td>Elective</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minimum 2.50 GPA ASU Cumulative.</td>
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<tr>
<td>Minimum 3.00 GPA in SOS.</td>
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</table>

Term hours subtotal: 15

<table>
<thead>
<tr>
<th>Term 6 78 - 93 Credit Hours</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>Track Elective Course</td>
<td>3</td>
<td>C</td>
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</table>

* See track/group notes below for track requirement details.

• All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. See advisor for approval.
BA Students must select one of the following challenge area tracks:
- Society & Sustainability (SOS 320)
- Policy and Governance in Sustainable Systems (SOS 321)
- International Development and Sustainability (SOS 322)
- Sustainable Urban Dynamics (SOS 323 or SOS 465)

- Students must declare a track by the end of Term 4
- Students must complete the required track course for their chosen track no later than Term 5
- Students must also complete any additional three track courses for a total of 12 credit hours of track courses by the end of Term 5. Select from SOS 320, SOS 321, SOS 322, SOS 323, SOS 324, SOS 325, SOS 326, SOS 327, SOS 328, or SOS 465.
- Students must complete two track elective courses from their chosen track. At least one track elective course must be upper division.

Example: If the Society and Sustainability Track is chosen, students must complete SOS 320 and any three additional track courses by the end of Term 5.

More information on BA Tracks can be found here: https://schoolofsustainability.asu.edu/degrees/bachelor-arts/
### International Development and Sustainability Track

**Required Course:**

SOS 322: International Development and Sustainability

**Electives:**

- ALT 412: Village Energy Systems
- AFR 340: The Making of Modern Africa (SB & G & H)
- ASB 100: Introduction to Global Health (SB & G)
- or
- SSH 100: Introduction to Global Health (SB & G)
- GCU 364: Energy in the Global Arena (SB & G)
- GPH 314: Global Change (HU & G)
- JUS 325: Globalization and Socio-Economic Justice (SB & G) or SGS 325: Globalization and Socio-Economic Justice (SB & G)
- JUS 352: The Global Politics of Human Rights
- POS 160: Global Politics (SB & G)
- POS 368: Ethics and Human Rights
- POS 486: International Political Economy (SB & G)
- SBS 480: Global Justice (G)
- SGS 301: Principles of Global Studies
- SGS 303: Global Trends (SB)
- SOC 333: Population (SB & G)
- SSH 305: Poverty and Global Health ((L or SB) & G)
- STS 330: Information Technology and Globalization (SB & G)
- STS 332: Global Issues in Science and Technology (SB)
- TEM 450: Design for the Developing World
- TEM 455: Global Impact Entrepreneurship
- WST 378: Global Feminist Theory (L & G)

### Policy and Governance in Sustainable Systems Track

**Required Course:**

SOS 321: Policy and Governance in Sustainable Systems

**Electives:**

- ABS 381: Natural Resources Policy
- ASB 328: Rules, Games, and Society (L)
- BIO 412: Conservation in Practice
- ECN 441: Public Economics (SB)
- GCU 361: Urban Geography (SB)
- GPH 314: Global Change (HU & G)
- HST 345: Environmental History (L)
- PAF 300: Public Management and Administration
- PAF 340: Contemporary Policy Challenges
- PHI 407: Environmental Philosophy and Policy (L or HU)
- POS 160: Global Politics (SB & G)
- POS 300: Contemporary Global Controversies (SB & G)
- POS 346: Problems of Democracy (HU)
- POS 351: Democratization (SB & G)
- POS 364: National Security, Intelligence, and Terrorism (SB)
- POS 368: Ethics and Human Rights
- POS 410: Governing American Cities (SB)
- PUP 301: Introduction to Urban Planning (L)
- PUP 430: Transportation Planning and the Environment
- SOS 494: Collective Action and Decision Making for Sustainability
- STS 325: Science, Technology, and Public Policy (SB)

### Society and Sustainability Track

**Required Course:**

SOS 320: Society and Sustainability (L or SB)

**Electives:**

- ASB 202: Immigration and Ethnic Relations in the U.S. (SB & C)
- ASB 211: Women in Other Cultures ((HU or SB) & G)
- ASB 311: Principles of Social Anthropology (SB & G & H)
- ASB 326: Human Impacts on Ancient Environments (SB & H)
- ASB 344: Technology and Society (L or SB)
- ASB 417: Political Anthropology (L)
- ASB 430: Social Simulation (CS)
- ENG 367: Environmental Issues in Literature and Film (L or HU)
- GCU 350: The Geography of World Crises (SB & G)
- GCU 351: Population Geography (SB & G)
- GCU 357: Social Geography (SB)
- GCU 441: Economic Geography (SB)
- GCU 442: Geographical Analysis of Transportation (SB)
- GPH 210: Society and Environment (G)
- JUS 320: Community and Social Justice (SB & C)
- JUS 321: Wealth Distribution and Poverty (SB & C)
- JUS 405: Inequality, Economy and Justice ((L or SB) & G)
- JUS 430: Social Protest, Conflict, and Change ((L or SB) & C)
- JUS 444: Environment and Justice (L & C)
- NLM 301: Sustainable Communities
- TDM 301: Sustainable Communities
- PRM 301: Sustainable Communities
- PSY 306: Environmental Psychology (SB)
- PSY 350: Social Psychology (SB)
<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
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<tbody>
<tr>
<td><strong>Sustainable Urban Dynamics Track</strong></td>
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<tr>
<td><strong>Required Course:</strong></td>
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<tr>
<td>SOS 323: Sustainable Urban Dynamics or</td>
<td>Sustainable Urban Dynamics or Sustainable Urbanism</td>
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<td>SOS 465: Sustainable Urbanism</td>
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<tr>
<td><strong>Electives:</strong></td>
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<tr>
<td>ABS 260: Fundamentals of Sustainable</td>
<td>Environmental Horticulture (SG)</td>
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<td>Horticulture</td>
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<td>ABS 364: Urban Forestry</td>
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<tr>
<td>ALA 100: Introduction to Environmental</td>
<td>Environmental Design (HU &amp; H &amp; G)</td>
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<tr>
<td>Design</td>
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<td>ASB 442: Urban Studies (SB)</td>
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<td>CHE 469: Air Quality Engineering</td>
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<td>GCU 359: Cities of the World I (SB &amp; G &amp; H)</td>
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<tr>
<td>GCU 360: Cities of the World II (SB &amp; G)</td>
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<tr>
<td>GCU 361: Urban Geography (SB)</td>
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<tr>
<td>GCU 425: Geography of the Mexican</td>
<td>Geography of the Mexican American Borderland ((L or SB) &amp; G)</td>
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<tr>
<td>American Borderland</td>
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<tr>
<td>GCU 442: Geographical Analysis of</td>
<td>Geographical Analysis of Transportation (SB)</td>
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<td>Transportation</td>
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<tr>
<td>POS 464: Border Cities: Action Research on</td>
<td>Globalization (SB &amp; G)</td>
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<tr>
<td>Globalization</td>
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<tr>
<td>POS 410: Governing American Cities (SB)</td>
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</tbody>
</table>
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.