MSUS in Sustainability
The Master's in Sustainable Solutions (MSUS) is designed to prepare students to apply sustainability concepts in virtually any professional field. Examples of focus areas include:

- Communication
- Entrepreneurship
- International Development
- Law
- Nonprofit Organization
- Policy and Administration
- Technology and Society
- Other (Customizable)

Course Requirements
The program of study will comprise a minimum of 33 semester hours. In summary:

<table>
<thead>
<tr>
<th>Course Category</th>
<th>Credit Hours</th>
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<tr>
<td>Core Courses</td>
<td>6</td>
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<td>Foundational Courses</td>
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<td>Methods Courses</td>
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<tr>
<td>Career Preparation Course</td>
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<td>Project Management Course</td>
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<tr>
<td>Focus Area Electives</td>
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<td>Culminating Experience</td>
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<td><strong>Total Semester Hours Required</strong></td>
<td>33</td>
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Core Courses
The core courses are designed to provide students from diverse backgrounds with methods and theories for the study of sustainability. They explore the link between concepts of sustainability and systems approaches to knowledge, and develop the integrative methods needed to work across the disciplines on sustainability problems.

SOS 510: Perspectives on Sustainability *(Required for all students)*
SOS 511: Transformational Sustainability Research *(Required for all students)*

Students will need to take courses from the following categories to fulfill remaining degree requirements:

Foundational Courses *(For the latest full list of options, contact schoolofsustainability@asu.edu)*

- SOS 512: Sustainable Resource Allocation, OR
  - SOS 598: Microeconomics of Behavior, OR
- SOS 513: Science for Sustainability, OR
  - SOS 515: Industrial Ecology and Design for Sustainability, OR
- SOS 514: Human Dimensions of Sustainability, OR
  - SOS 553: Ecological Anthropology, OR
- SOS 516: Science, Technology, and Public Affairs, OR
  - SOS 518: Uncertainty and Decision Making
- SOS 598: Ecological (Sustainability) Economics
- SOS 598 Life Cycle Assessment for Civil Systems
- SOS 591: Sustainability Science: Interactions Between Human and Environmental Systems, OR
- SOS 591: Adaptation, Resilience and Transformation

Updated 7/14
* SOS 591: Environmental Ethics and Policy, OR SOS 598: Sustainability Ethics for Science and Engineering
SOS 517: Sustainability and Enterprise SOS 536: Food System Sustainability
SOS 570: Fundamentals of CAS Science SOS 591: Legal Issues in Sustainability
SOS 591: Governance for Sustainability SOS 591: Sustainability and Social and Family Welfare
SOS 530: International Development and Sustainability SOS 598: Urban Ecological Systems
SOS 532: Sustainable Urban Dynamics SOS 598: Sustainable Futures Studio
SOS 533: Sustainable Water SOS 598: Urban Infrastructure Anatomy and Sustainable Development
SOS 534: Sustainable Energy and Material Use SOS 598: Human and Social Dimensions of Global Climate Change
SOS 535: Sustainable Ecosystems SOS 591: Sustainability Communication

Methods Courses (For the latest full list of options, contact schoolofsustainability@asu.edu)
ASB 500: Ethnographic Research Methods SOS 591: Qualitative Methods for Sustainability Problems
NLM 565: Grant Writing for Nonprofit Organizations SOS 598: Introduction to Research Design and Methods
GIS 505: GIS for Planners SOS 546: Life Cycle Assessment for Civil Systems
PUP 573: Survey Research and Multivariate Statistics SOS 598: Mathematical Concepts and Tools in Sustainability
SOS 540: Statistical Modeling for Sustainability SOS 598: Survey Analysis in Sustainability
SOS 591: Applied Robustness Analysis in Social Ecological Systems SOS 598: Writing Grants for Sustainability Research
SOS 591: Dynamic Modeling for Sustainability Science SOS 579: Proposal Writing

Career Preparation Course
SOS 531: Achieving Career Success in Sustainability

Project Management Course
SOS 598 or 582: Project Management for Sustainability

Focus Area Electives
Students will work with advising staff or faculty to determine their focus area electives. Sample focus area electives can be found online at: https://schoolofsustainability.asu.edu/degrees/master-sustainable-solutions.

Culminating Experience
Students select one of the following culminating experiences:

* SOS 584: Internship, OR SOS 594: Solutions Workshop
SOS 593: Applied Project, OR

Careers
MSUS graduates may assume positions in industry, consultancy, utilities, regulatory agencies, nonprofits, governmental agencies and nongovernmental organizations, where growing interest in sustainability has created new employment opportunities.