

Master of Sustainability Solutions (MSUS)

The Master of Sustainability Solutions (MSUS) is designed to prepare students to apply sustainability concepts in virtually any professional field. In this two-year program, students implement sustainability initiatives, projects and new ideas. MSUS students complete an applied project as their culminating experience in which they collaborate with external stakeholders.

Course requirements

The program of study includes a minimum of 33 credits. In summary:

	Credits
Core Courses	6
Foundational Courses	9
Methods Courses	5
Career Preparation Course	1
Project Management Course	3
Focus Area Electives	6
Applied Project Course	3
Total Credits Required	33

Core courses

- **SOS 510: Perspectives on Sustainability** employs case studies from engineering, architecture, social sciences and natural sciences to facilitate discussion about the major challenges faced in forming a sustainable future at local, national and global levels.
- **SOS 511: Advanced Sustainability Problem Solving** conveys advanced procedures to identify and analyze sustainability problems and develop solutions to sustainability problems. This course directly prepares students for their applied projects.

Foundational courses

Foundational courses prepare students for diverse fields of inquiry. They include both qualitative and quantitative approaches to sustainability challenges such as water, energy, corporate social responsibility, design, climate change and infrastructure. Students select foundational courses from a pre-approved list, based on interests and research focus. Contact SOSGradAdvising@asu.edu for the full, current list.

Courses that fulfill this requirement include:

- SOS 545: Creating Sustainable Organizations
- SOS 518: Uncertainty & Decision Making
- SOS 530: International Development & Sustainability
- SOS 517: Sustainability & Enterprise
- SOS 591: Environmental Ethics & Policy
- SOS 591: Adaptation, Resilience & Transformation

Methods courses

Students choose methods courses pertinent to their applied project goals from a pre-approved list of courses. Contact SOSGradAdvising@asu.edu for the full, current list. These methods courses are popular among current students:

- SOS 594: Sustainable Development in Action
- SOS 591: Qualitative Methods for Sustainability Problems
- SOS 594: Project Management for Science, Tech & Policy
- SOS 594: Sustainable Neighborhoods for Happiness
- SOS 598: Writing Grants for Sustainability Research

Career preparation and project management courses

- **SOS 531: Achieving Career Success in Sustainability** encourages students to explore their ambitions and personal brands, model the behaviors and competencies that build long-term career success, and uncover the sustainability potential of any job, whether or not “sustainability” is in the job title.
- **SOS 582: Project Management for Sustainability** provides exposure to tasks and challenges facing project managers, including simultaneously managing people, schedules, risks and resources while delivering successful outcomes.

Applied project

Students in their last semester of the MSUS program must enroll in **SOS 593: Applied Project** and complete a project as their culminating experience of the degree program. The applied project emphasizes the application of sustainability principles and approaches to their chosen career field. For the project, students partner with a stakeholder organization or company to develop a real-world solution to a sustainability problem.

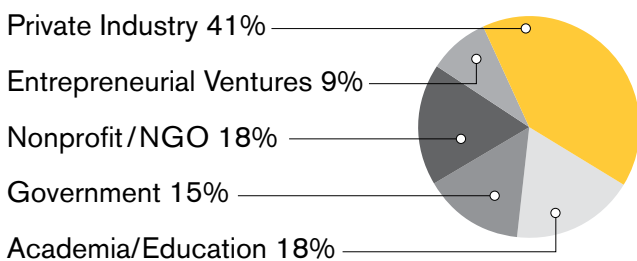
Advising

Students in this program have a dedicated academic advisor and a pre-selected faculty committee who support them throughout their program and projects.

4+1 accelerated master's degree

Students earning BA and BS degrees in Sustainability at ASU can apply to the MSUS program once they have completed 75 credits of undergraduate coursework and begin the program once they have completed 90 credits of undergraduate coursework. The program is designed to allow these students to earn both a bachelor's and a master's degree within five years total.

Employment data (2019) for MSUS alumni:



88% of employed MSUS graduates are working in jobs directly related to sustainability.

