

CERTIFICATE OF GRADUATE STUDY IN SUSTAINABILITY PRACTICES

The Department offers a Certificate of Graduate Studies (CGS) in Sustainability Practices.

To earn a Certificate of Graduate Study, individuals must complete a coherent set of courses organized around a theme, courses to be selected with guidance from a faculty advisor and approved by the graduate program director. Admission requirements, tuition, and the fees per CGS course will be the same as for other M.S. courses. All courses successfully completed in the pursuit of a Certificate of Graduate Study will apply toward the Master of Science in Global Environmental Studies (MSGES) degree for those who are interested in further education.

The Certificate of Graduate Study in Sustainability Practices is intended for individuals who would like to experience theory and hands-on experience in best practices for environmental and sustainability management. This blended program (combination online and campus-based coursework) includes four courses, and can be completed in one year. The CGS has a fast-start option open to undergraduate students who have completed at least 90 credit hours. Every organization, whether for-profit or non-profit, private or public, will benefit from having staff with the CGS in Sustainability Practices.

All content courses taught in the MSGES degree program could be utilized for completion of the CGS in Sustainability Practices, but must be assembled under the guidance of a faculty advisor as a coherent theme (not including SCI 590, SCI 690, and SCI 691, which are thesis research courses).

Examples of a CGS in Sustainability Practices could include:

CGS in Sustainability: Policies

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| SCI 563 | Issues in Environmental Science |
| SCI 565 | Green Technology for Sustainability |
| SCI 554 | Conservation in the U.S. and China |
| SCI 555 | Environmental Policy Decision Making and Problem Solving |

CGS in Sustainability: Climate Change

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| SCI 551 | Instrumental Analysis for Environmental and Life Sciences |
| SCI 552 | Innovation and Global Energy Challenges |
| SCI 553 | GIS Tools Coastal Planning and Climate Change |
| SCI 564 | Biomarkers and Isotope Signals |

CGS in Sustainability: Environmental Health

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| SCI 550 | Biological Imaging |
| SCI 564 | Biomarkers and Isotope Signals |
| SCI 566 | Global Health Challenges |
| SCI 692 | Graduate Practicum |

Upon successful completion of the four selected courses, the student is awarded a Certificate of Graduate Studies in Sustainability Practices.