

MS IN ENVIRONMENTAL SCIENCE

Option A (Thesis): A minimum of 30 credit hours of approved graduate coursework is required for the master's degree in environmental science. This includes 24 hours of formal courses (excluding EEES#6960 and EEES#6990) with a minimum of 19 hours in DES that must include:

Code	Title	Hours
EEES 5160	Advanced Environmental Data Management	3
EEES 6250	Graduate Launch	1
EEES 6300	Integrated Environmental & Earth Systems	3
EEES 6930	Seminar	1

The remaining courses selected with approval of the student's thesis committee taken at the 5000 level or above; all but EEES 6930 must be taken for a letter grade (A–F). Additional credit hours will include EEES 6960 Thesis Research and/or EEES 6990 Independent Study, a maximum of 6 hours of which may be taken for a letter grade, and may also include other DES or non-DES courses that need not be taken for a letter grade. The student must also prepare a thesis consisting of a written report on original independent research conducted by the student under the supervision of their thesis advisor (or co-advisors) and defend this thesis before their advisory committee.

Option B (Non-thesis): The non-thesis option for a master's degree in environmental science differs from the thesis option (above) by requiring 27 hours of formal courses and a maximum of 3 hours of EEES#6960 or EEES#6990; all but EEES#6930 (seminars) must be taken for a letter grade (A–F). The student also must write an original report based on literature research and defend this report before their advisory committee.

First Year

First Term		Hours
EEES 5160	Advanced Environmental Data Management	3
EEES 6250	Graduate Launch	1
EEES 6930	Seminar	1
EEES 6300	Integrated Environmental & Earth Systems	3
EEES 6960	Thesis Research	1-15
Hours		9-23

Second Term

EEES 6930	Seminar	1
Elective		6
EEES 6960	Thesis Research	1-15
Hours		8-22

Second Year

First Term		Hours
EEES 6930	Seminar	1
Elective		3

EEES 6960	Thesis Research	1-15
Hours		5-19
Second Term		
EEES 6930	Seminar	1
Elective		3
EEES 6960	Thesis Research	1-15
Hours		5-19
Total Hours		27-83

- Students will demonstrate an in-depth understanding and the ability to communicate scientific information within an area of specialized study within the environmental sciences.
- Students will implement an independent research project (thesis) or write an original report based on literature research (non-thesis)
- Students will interpret results based on data collected and analyzed in courses or for their thesis project.
- Students will present and disseminate results from course or thesis work in written and verbal modalities.
- Students will demonstrate ethical responsibility when conducting research in terms of proper scientific conduct and the rights of human subjects.