

SUSTAINABILITY SCIENCE (M.S.)

For details about this program, including program description, admission requirements, and contact information, click here (<https://www.montclair.edu/graduate/programs-of-study/sustainability-science-ms/>).

Program Requirements

Code	Title	Credits
Core Courses		
EAES 509	Current Issues in Sustainability Science ¹	3
EAES 575	Environmental Economics ¹	3
EAES 591	Methods in Environmental Research ¹	3
Complete twice to earn 2 credits		2
EAES 790	Colloquium in Environmental Management	
Electives and Research Requirements		
<i>Major Electives</i>		
Select 15 credits from the list (see below)		15
<i>Thesis or Research Project</i>		
Select one of the following options:		6
<i>Thesis</i>		
EAES 698	Master's Thesis	
Submit the completed Thesis original and one copy to the Graduate Office. See Thesis Guidelines for details.		
<i>Research Project</i>		
EAES 696	Applied Research or Internship Project in Sustainability Science	
Total Credits		32

Electives

Code	Title	Credits
ANTH 504	Planetary Health	3
ANTH 522	Environment and Community	3-4
ANTH 529	Building Sustainable Communities	3-4
BIOL 570	Ecology	3
BIOL 595	Conservation Biology: The Preservation of Biological Diversity	3
CHEM 510	Hazardous Materials Management	3
EAES 506	Introduction to Geographic Information Science and Remote Sensing	3
EAES 510	Geographic Information Systems	3
EAES 525	X-ray Microanalysis	3
EAES 526	Geochemistry	3
EAES 528	Environmental Forensics	3
EAES 531	Hydroclimatology	3
EAES 532	Applied Groundwater Modeling	4
EAES 533	Water Resource Management	3
EAES 560	Environmental Law	3
EAES 561	Environmental Law and Policy	3
EAES 562	Waste Management	3
EAES 563	Natural Resource Management	3

EAES 565	Environmental Change and Communication	3
EAES 569	Air Resource Management	3
EAES 584	Urban Studies and Policy Analysis	3
EAES 586	Urban Contamination	3
EAES 592	Pro Seminar	1-4
EAES 610	Spatial Analysis	3
EAES 660	Seminar in Environmental Management	3
EAES 662	Energy and the Environment	3
EAES 700	Earth Systems Science	3
EAES 760	Organizational Environmental Management	3
STAT 532	Fundamentals of Statistics	3
MGMT 565	Project Management	1.5
MKTG 563	Global Business Impact	1.5

0-12 credits of other graduate level courses may be taken with written advisor approval.

¹ Students in the combined Sustainability Science Major (B.S.)/ Sustainability Science (M.S.) program complete three required courses and one elective course as part of the undergraduate degree program.