

Environmental & Technological Studies

▶ ENVIRONMENTAL SCIENCE

The Environmental & Technological Studies Department offers four unique undergraduate programs and one graduate program, all with exceptionally high career placement.

Environmental Science is a natural science focused major which provides graduates with opportunities to achieve positions of research, leadership in science, and environmental professions. This interdisciplinary program allows students to prepare for entrance into various graduate programs.

For more information contact:

Environmental & Technological Studies Department

(320) 308-3235

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A MEMBER OF THE MINNESOTA STATE COLLEGE AND UNIVERSITY SYSTEM



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St. Cloud State University values diversity of all kinds, including but not limited to race, religion and ethnicity (full statement at bulletin.StCloudState.edu/ugb/generalInfo/nondiscrimination.html). TTY: 1-800-627-3529 SCSU is an affirmative action/equal opportunity educator and employer. This material can be made available in an alternative format. Contact the department/agency listed above.

Visit our website: www.stcloudstate.edu/ets

▶ PROGRAM OF STUDY

ENVIRONMENTAL SCIENCE

Major Requirements (76-77 credits)

BIOL 101	(3) Environment & Society
BIOL 151	(4) Cell Function & Inheritance
BIOL 152	(4) Organismal Diversity
BIOL 212	(4) Plant Biology
OR	
BIOL 214	(4) General Zoology
BIOL 312	(4) General Ecology
CHEM 210	(4) General Chemistry I
CHEM 211	(4) General Chemistry II
CHEM 240	(4) Basic Organic Chemistry
CHEM 350	(4) Quantitative Analysis
EAS 220	(4) Physical Geology Systems
EAS 230	(4) Dynamic Water Systems
EAS 260	(4) Intro. to Meteorology
PHYS 231	(4) General Physics I
ETS 260	(3) Intro. to Environmental Studies
ETS 367	(3) Environmental Regulation
ETS 373	(3) Environmental & Technology Assessment
ETS 375	(3) Society & the Environment
ETS 444	(1) Internship
ETS 461	(3) Current Issues in Environmental Science
ENGL 332	(3) Writing in the Professions
ECON 351	(3) Environmental Economics
MGMT 301	(3) Intro. To Professional Management
STAT 229	(3) Statistics for Physical Sciences
OR	
STAT 319	(4) Biometrics

Technical Electives (9 credits)

Select at least 3 credits from Group A, Group B and Group C with major adviser's approval.

Group A – Technology Studies

ETS 360	(3) Environmental Literature
ETS 463	(3) Environmental Toxicology
ETS 465	(3) Wetland Environments
ETS 467	(3) Soils and Environmental Quality
ETS 469	(3) Environmental Systems Modeling
ETS 482	(3) Renewable/Nondepletable Energy

Technical Electives (9 credits) (continued)

Group B – Natural Sciences

BIOL 326	(4) Limnology
EAS 300	(2) Environmental Earth Science
EAS 334	(4) Surface Hydrology
EAS 360	(3) Aviation Meteorology
PHYS 208	(3) Energy and Environment

Group C – Social Sciences

ECON 451	(3) Resource & Environ. Econ.
GEOG 279	(3) Geography of Outdoor Recreation
GEOG 303	(3) Environmental Impact Statements
GEOG 316	(3) Geographical Information Systems
GEOG 325	(3) Geography of Soils
GEOG 372	(3) Conservation of World Resources
GEOG 379	(3) American Wilderness
GEOG 394	(3) Urban Planning
GEOG 402	(3) Techniques in GIS
GEOG 472	(3) Geomorphology
GEOG 473	(3) Biogeography
GEOG 492	(3) Water Resources
GEOG 496	(3) Tourism & the Environment
HIST 349	(3) Americans & Nature
HIST 480	(3) Seminar in American History
ANTH 325	(3) Human Ecology
CMTY 350	(3) Community Development Theory & Practice
CMTY 451	(3) Community Design
CMTY 466	(3) Issues in Community Studies
PSY 323	(3) Environmental Psychology
ENG 341	(3) Creative Writing: Nonfiction
HLTH 482	(3) Environmental Health
REC 412	(3) Wilderness Expedition
REC 441	(3) Outdoor Education

NOTE: Students must have at least 45 credits of 300/400 level classes to graduate.

Also available through the ETS Department:

- **Technology Studies minor**
- **Environmental Studies minor**

Each minor is made up of 24 credits and pairs well with most majors throughout the SCSU campus.