

Environmental & Technological Studies

▶ ENVIRONMENTAL STUDIES

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

Environmental Studies majors experience a multi-disciplinary curriculum with flexible course selection from both the social and natural sciences. This interdisciplinary program prepares students for a wide range of environmentally-based occupations, including management, research and regulation enforcement.

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



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 St. Cloud State University 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 STUDIES (66-67)

ETS Department Core Requirements (22 credits)

ETS 156	(1) Intro. to Env. & Tech. Studies
ETS 260	(3) Introduction to Environmental Studies
ETS 322	(3) Communications Technology
ETS 363	(3) Resource Management
ETS 373	(3) Environmental and Technological Assessment
ETS 374	(3) Production Technology
ETS 388	(3) Transportation/Energy Technology
ETS 456	(3) Senior Project

Major Requirements (32-33 credits)

ETS 262	(3) Environmental Instrumentation
ETS 310	(3) Management for Technologists, Engineers, and Scientists
ETS 367	(3) Environmental Regulation
ETS 368	(3) Introduction to Soil Science
ETS 375	(3) Society and the Environment
ETS 469	(3) Environmental Systems Modeling
CHEM 210	(4) General Chemistry 1
EAS 230	(4) Dynamic Water Systems
ECON 351	(3) Environmental Economics
STAT 229*	(3) Statistics for the Physical Sciences
OR	
STAT 319*	(4) Biometrics

* Prereq: MATH 112 or equivalent

Technical Electives (12 credits)

Select at least 6 cr. in Group A and at least 3 cr. in Groups B & C chosen with adviser approval.

Group A – Technology Studies

ETS 360	(3) Environmental Literature
ETS 444	(1-6) Internship
ETS 463	(3) Environmental Toxicology
ETS 465	(3) Wetland Environments
ETS 467	(3) Soils and Environmental Quality
ETS 468	(3) Waste Management Systems
ETS 482	(3) Renewable/Nondepletable Energy

Technical Electives (12 credits)

Group B – Natural Sciences

BIOL 312	(4) General Ecology
BIOL 326	(4) Limnology
CHEM 211	(4) General Chemistry 2
CHEM 240	(4) Basic Organic Chemistry
CHEM 320	(4) Environmental Chemistry
EAS 220	(4) Physical Geology System
EAS 260	(4) Introductory Meteorology
EAS 300	(2) Environmental Earth Science
EAS 332	(3) Physical Hydrogeology
EAS 334	(4) Surface Hydrology
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 416	(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 352	(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 332	(3) Writing in the Professions
ENG 341	(4) Creative Writing: Nonfiction
HLTH 482	(3) Environmental Health
REC 412	(3) Wilderness Expedition
REC 441	(3) Outdoor Education
MGMT 301	(3) Intro. to Professional Management

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 St. Cloud State University campus.