

# Environmental & Technological Studies

## MASTER OF SCIENCE in ▶ ENVIRONMENTAL & TECHNOLOGICAL STUDIES

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

The Master of Science degree in Environmental and Technological Studies is designed for working professionals and traditional students to advance their academic and technological knowledge for personal and professional advancement. Graduate students in Environmental and Technological Studies may choose to complete their Master of Science degree with either a thesis or a professional portfolio.

*For more information contact:*

Environmental & Technological Studies Department

(320) 308-3235

ets@stcloudstate.edu

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](http://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](http://www.stcloudstate.edu/ets)

SELECT ONE TRACK

**RESEARCH TRACK**

**Core Requirements (9 credits)**

- ETS 601 (3) Technology, Environment & Society
- ETS 604 (3) Innovation/Contemporary Problems in Technology
- ETS 668 (3) Current Literature & Research

**Research Track (6 credits)**

- ETS 670 (3) Technical Research Design
- ETS 671 (3) Technical Research Experimentation

**Plan A (Thesis)**

- ETS 699 (6) Thesis
- 9 credits of electives

**OR**

**Plan C (Portfolio)**

- 21 credits of electives

**ELECTIVES\***

- ETS 501 (3) Arranged Course
- ETS 505 (3) Foundational Technical Developments
- ETS 513 (3) Workshop: CAD Practices
- ETS 514 (1-3) Selected Readings
- ETS 523 (3) Electronic Prepress & Imaging
- ETS 535 (3) Workshop: Concrete & Masonry Academy
- ETS 536 (3) Construction Scheduling & Estimating
- ETS 544 (1-3) Internship
- ETS 563 (3) Environmental Toxicology
- ETS 565 (3) Wetlands
- ETS 567 (3) Soils & Environmental Quality
- ETS 568 (3) Waste Management Systems
- ETS 569 (3) Environmental Systems Modeling
- ETS 582 (3) Renewable/Nondepletable Energy
- ETS 585 (3) Workshop: Transportation Academy
- ETS 615 (3) Seminar

\* Electives may also include other graduate electives from ETS or other departments with advisor's approval.

**TECHNOLOGY EDUCATION TRACK**

**Core Requirements (9 credits)**

- ETS 601 (3) Technology, Environment & Society
- ETS 604 (3) Innovation/Contemporary Problems in Technology
- ETS 668 (3) Current Literature & Research

**Technology Education Track (6 credits)**

- ETS 650 (3) Contemporary Instructional Strategies
- ETS 673 (3) Foundations of Technology Education

**Plan A (Thesis)**

- ETS 699 (6) Thesis
- 9 credits of electives

**OR**

**Plan C (Portfolio)**

- 21 credits of electives

**ELECTIVES\***

- ETS 501 (3) Arranged Course
- ETS 505 (3) Foundational Technical Developments
- ETS 513 (3) Workshop: CAD Practices
- ETS 514 (1-3) Selected Readings
- ETS 523 (3) Electronic Prepress & Imaging
- ETS 535 (3) Workshop: Concrete & Masonry Academy
- ETS 536 (3) Construction Scheduling & Estimating
- ETS 544 (1-3) Internship
- ETS 551 (3) Workshop: Technology Education Activities
- ETS 558 (2) Workshop: Modular Technology I
- ETS 559 (2) Workshop: Modular Technology II
- ETS 560 (3) Standards for Technology Education
- ETS 582 (3) Renewable/Nondepletable Energy
- ETS 585 (3) Workshop: Transportation Academy
- ETS 615 (3) Seminar

\* Electives may also include other graduate electives from ETS or other departments with advisor's approval.