

College of Arts and Sciences – Interdisciplinary Programs

480 Senior Paper	0 credit
During the senior year or earlier majors are expected to write a major research paper with an abstract and to describe the results of their research in a short oral presentation to a panel of faculty. Normally this requirement is accomplished by rewriting and submitting a paper from one of the major field courses. The topic should be chosen in consultation with the program director and should be completed no later than 6 weeks prior to graduation. Papers will be presented to students and faculty at least annually at a symposium.	
483, 484 Seminar	2 credits
485, 486 Seminar	
See the description of these courses at the beginning of the “Curricula” section of this catalog.	
487, 488 Topics	2 credits
489, 490 Topics	
The subject matter of these courses, announced in the annual <i>Class Schedule</i> , will vary from year to year, but will not duplicate existing courses. See the description of these courses at the beginning of the “Curricula” section of this catalog.	
491, 492 Research	2 credits
493, 494 Research	
See the description of these courses at the beginning of the “Curricula” section of this catalog.	
495, 496 Individual Study	2 credits
497, 498 Individual Study	
See the description of these courses at the beginning of the “Curricula” section of this catalog.	

East Asian Studies

Hwa (HIST), adviser

East Asian Studies is an ACTC (Associated Colleges of the Twin Cities) interdisciplinary program that studies the history, culture, and languages of East Asian countries. Students may pursue a concentration on a specific country, in business, education, media/journalism, humanities, or the social sciences of the region. Concentrations may be determined in consultation with the East Asian Studies adviser.

Major in East Asian Studies

A major in East Asian Studies consists of 36 credits which must include:

- sixteen credits in an East Asian language
(languages not offered at ACTC institutions may be available at the University of Minnesota)
- sixteen credits in East Asian studies (with a minimum of eight credits in upper-division courses)
 - eight credits in history
 - four credits in philosophy/religion/arts/literature
 - four elective credits in an East Asian course, or a course with some East Asian content
- four credits in an East Asian studies seminar

Minor in East Asian Studies

A minor in East Asian Studies consists of 20 credits which include:

- eight credits in East Asian language courses
(with the consent of the adviser, some language courses may be waived, but the total number of credits in the minor remains the same)
- twelve credits in East Asian studies (with a minimum of four credits in upper division courses)
 - four credits in history
 - four credits in philosophy/religion/arts/literature
 - four credits in an East Asian course, or a course with some East Asian content

Courses with fully-dedicated East Asian content available at St. Thomas

(consult the adviser for courses available at the other institutions)

HIST	220	Introduction to Japanese History and Culture
HIST	340	Foundations of Chinese Civilization
HIST	341	History of Modern China
HIST	345	Family and Women in Chinese History
HIST	347	The Modernization of Taiwan, Hong Kong, and China
HIST	464	Seminar in Chinese History
PHIL	210	Chinese Philosophy

Courses including other contents in addition to East Asian topics

ARTH	289	Asian Art
GEOG	240	Geography of East and Southeast Asia
HIST	372	The United States and Viet Nam

Language Courses

JAPN	111	Elementary Japanese I
JAPN	112	Elementary Japanese II
JAPN	211	Intermediate Japanese I
JAPN	212	Intermediate Japanese II
JAPN	311	Advanced Japanese

Chinese language courses are available at Hamline University.

Environmental Studies (ENVR)

Hoffman (POL), director; Governance Committee: Degnan (PHIL), Evarts (BIOL), Hickson (GEOL), Ippoliti (CHEM), Kelley (GEOG), Lorah (GEOG), Neuzil (JOMC), Sathe (ACCT), Scott (PSY), Smith-Cunnien (SOC), Vincent (ECON), Werner (GEOG)

The Environmental Studies program provides students with a broad interdisciplinary background as well as a basis for career specialization and practical application and problem solving. The program is based upon an investigation both of the Earth's environment and the wide variety of human interactions with that environment. The program has three basic objectives:

1. to transmit an understanding of environmental problems and their complexities,
2. to motivate productive responses to those problems, both vocational and avocational, based on that understanding, and
3. to foster the development of critical, inquiring minds.

All students majoring in Environmental Studies are required to take 36 credits in core courses, another 24 credits in concentration-area courses, and four credits in an allied course. The core courses are designed to provide the student with a foundation in the physical, social and ethical dimensions of environmental issues. Students graduating with a major in environmental studies will demonstrate their ability to integrate their liberal arts and professionally-oriented education. Students are encouraged, but not required, to take additional courses in writing and computer applications, and should consult the chair of the Environmental Studies Committee for recommendations.

The concentration area consists of a minimum of an additional 24 credits beyond the core. These courses are meant to deepen the student's understanding of the origin and complexity of environmental issues while focusing attention on one particular area of study.

The student may

- (a) choose to specialize in an existing area of study or
- (b) may propose an individually designed concentration program.

In either case, students are required to submit a Concentration Area Proposal to the Governance Committee for approval. The proposal will identify the prospective concentration area, a set of learning objectives, and the concentration area's relationship to the student's environmental interests. Students are strongly encouraged to discuss the formation of their concentration area with the director of the program or another member of the Governance Committee. Committee members can assist students in constructing successful concentration area proposals. Students are required to identify their concentration area by the end of their sophomore year or the first semester of their junior year.

Major in Environmental Studies: Concentration Area in the Natural Sciences

151	Humans and the Environment
212	Social Dynamics and the Environment
301	Environmental Ethics
351	Environmental Policy Formation
401	Field Seminar

Plus:

BLAW	351	Environmental Law
		<i>or</i> ECON 252 <i>or</i> POL 205 (with approval of program director)
GEOL	115	Environmental Geology or one of GEOL 110, 111, 113, 114

Plus one of:

BIOL	102	Conservation Biology
BIOL	201	Diversity and Adaptation

Plus either:

CHEM	101	Environmental Chemistry
		<i>or</i>
CHEM	111	General Chemistry I and 112 General Chemistry II

Plus one of:

MATH	303	Statistics for the Applied Sciences
QMCS	220	Statistics I