

about bodily behaviours? More particularly, how is our phenomenologically rich and existentially weighted point of view on the world related to the neurophysiological conditions that underwrite it (or as one writer put it, “how is the water of the brain transubstantiated into the wine of consciousness?”)? How does the way we understand the answers to these questions inform the Christian belief that humans bear God’s image? And how does theology bear on our understanding of our bodies’ relationship to our minds?

ENVIRONMENTAL STUDIES

Environmental Studies at Trinity Western is an interdisciplinary program spanning three departments. In addition to ENVS courses, see Multidisciplinary Environmental Studies Program (B.Sc.) and Multidisciplinary Environmental Studies Program (B.A.) for other courses in this major.

ENVS 131 Global Environmental Issues (3 sem. hrs.)

An investigation of the scientific principles behind global environmental issues. The course focuses on key ecological concepts and the changing relationship of humans with the natural world; including the different approaches to understanding and solving environmental problems, from local to global scales. It investigates such issues as human populations and environmental impact; loss of species biodiversity; air, water, and soil pollution; energy use; climate change; and waste management.

NB: Fulfills academic core natural science requirements.

Cross-listed: GEOG 131.

Prerequisite(s): None. (3-0; 3-0)

ENVS 409 Thesis Preparation (1 sem. hr.)

Students are required to choose a topic for their senior thesis (ENVS 410) in consultation with an instructor. Selected readings and references pertinent to the topic are assigned. A final written report is presented consisting of a detailed thesis proposal and a literature review. Students are advised to start in their third year to allow observations over a full calendar year.

Prerequisite(s): Advanced standing in Environmental Studies or instructor’s consent. (1-0; 0-0)

ENVS 410 Senior Thesis (2 sem. hrs.)

Research in a chosen area of Environmental Studies with a final written report. Presentation of research findings are also made by the student in a seminar.

NB: Normally 2 sem. hrs. are assigned unless arrangements are made with the Department chair.

Prerequisite(s): ENVS 409, a related directed study in preparation, or instructor’s consent. (0-0; 1-2)

ENVS 411 Senior Thesis (3 sem. hrs.)

Research in a chosen area of Environmental Studies with a final written report. Students present research findings in a seminar. Allows students with larger projects to gain extra credit.

NB: Normally 2 sem. hrs. are assigned unless arrangements are made with the Department chair.

Prerequisite(s): ENVS 409, a related directed study in preparation, or instructor’s consent. (0-0; 1-2)

ENVS 442 Environmental Thought (3 sem. hrs.)

A survey of the origin and development of those streams of geographic thought reflecting people’s relationship to the natural environment. The course includes discussions within the context of Christian and non-Christian alternatives, the development of a responsible Christian environmental ethic and its application to global environmental issues.

NB: Not offered every year. See Geography coordinator.

Cross-listed: GEOG 442.

Prerequisite(s): 6 sem. hrs. of Geography including one of GEOG 111, 131; 212, or 230 or instructor’s consent. (3-0; 0-0)

AU SABLE INSTITUTE OF ENVIRONMENTAL STUDIES

For more information on this off-campus program and for course descriptions, see TWU’s Au Sable faculty representative, Prof. Karen Steensma. Au Sable courses are offered at the Great Lakes site in Northern Michigan, at the Everglades in Florida, and in India. Students will be charged a 4 sem. hr. rate for each of these courses. Courses go directly on the transcript at TWU. Please see the Office of the Registrar for tuition rates.

GREAT LAKES

BIOL/GEOL/GEOG 301 Land Resources

BIOL 302 Limnology (Water Resources)

BIOL 305 Ornithology: Eastern Birds

BIOL 310 Winter Biology

BIOL 311 Field Botany

BIOL 312 Insect Biology and Ecology

BIOL 315 Woody Plants

BIOL 321 Animal Ecology

BIOL 322 Aquatic Biology

BIOL 333 Summer Flora

BIOL 342 Fish Biology and Ecology

BIOL 345 Wildlife Stewardship

BIOL 346 Winter Stream Ecology

BIOL/GEOG 355 Watershed Stewardship

BIOL 360 Molecular Field Biology

BIOL 361 Field Natural History

BIOL/CHEM/GEOG 390 Directed Study

BIOL 411 Advanced Field Botany

BIOL/GEOG 471 Conservation Biology

BIOL 482 Restoration Ecology

BIOL 487 Forest Ecology

BIOL 489 Wetland Ecology

BIOL/CHEM/ENVS/GEOG 490 Research Methods I

BIOL/CHEM/ENVS/GEOG 491 Research Methods II

BIOL/CHEM/GEOG 499 Research

CHEM 332 Environmental Chemistry

ENVS/EDUC 380 Principles of Environmental Education

ENVS/RELS 350 Environmental Ethics

EVERGLADES

BIOL/AGRI/GEOG 343 Tropical Agriculture and Missions

INDIA

BIOL 427 Ecology of the Indian Tropics

BIOL/ENVS/GEOG 990 Post-Baccalaureate Directed Study

FINE ARTS

FINE 110 Introduction to the Fine Arts (3 sem. hrs.)

A general education course designed to give the student an understanding of the differences and similarities in structure, content, and style of artistic media including music, painting, sculpture, architecture, film, theatre, and dance. Examples of various art forms from ancient to modern times are discussed and explored.

Prerequisite(s): None. (3-0 or 3-0)

FINE 246 Canadian Landscape and the Arts (3 sem. hrs.)

This course examines the Canadian landscape as constructed by artists in a variety of disciplines including painters, photographers, poets, filmmakers and musicians.

Prerequisite(s): Second year standing. (0-0; 3-0)