

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)

FINE 351, 352, 353 Fine Arts Practicum (1, 2, 3 sem. hrs.)

Designed for any student seeking arts leadership skills through experience-based learning. Students work with systems and strategies applying to self-promotion and production, interdisciplinary and collaborative work, and arts organizations. Working under the direction of fine arts faculty, students focus on utilizing resources for development and implementation of special projects.

NB: Pass/Fail courses.

Prerequisite(s): FINE 110 or equivalent and upper level standing.

FINE 370 Aesthetics (3 sem. hrs.)

An analysis of the aesthetic experience arising from a response to the visual arts, architecture, music, and literature. The nature of beauty, the development of taste, the question of objective standards of criticism, and the role of the artist's intention as a factor in a response to art.

NB: Not offered every year.

See Department of Philosophy chair.

Cross-listed: PHIL 370.

Prerequisite(s): Third or fourth year standing or 6 sem. hrs. of Philosophy or instructor's consent. (3-0 or 3-0)

FINE 420 Fine Arts London Travel Study (3 sem. hrs.)

A three week interdisciplinary fine arts study trip to London, England, in which students critically engage culture and the fine arts. Visits to galleries, performances, and cultural sites accompany lectures and readings to encourage students to develop and deepen their biblically-informed view of the role of fine arts. While most course activities take place in London proper, several day trips to surrounding locations are included.

NB: Summer travel study course. This course is limited to students wishing to take this course for credit. It simultaneously meets both the Fine Arts and the IDIS 400 equivalent core requirements (provided students choose this as their "double-counted" core requirement) although the total credits for the course is 3 sem. hrs. No prior courses in Art, Theatre, or Music are necessary. Another course, often Music 310, is offered on the travel study.

Cross-listed: IDIS 420.

Prerequisite(s): Completion of a minimum of 70 sem. hrs. of university studies or permission of instructor.

FRENCH

FREN 101, 102 Introduction to French (3, 3 sem. hrs.)

An introduction to the French language and culture for those with no or very little French (no higher than high school French 10). Courses develop oral and written skills as well as introduce aspects of French culture. Language labs provide additional practice.

Prerequisite(s): None; FREN 101 is a prerequisite for FREN 102. (3-1; 3-1)

FREN 111, 112 Intermediate French (3, 3 sem. hrs.)

Intensive practice in reading, writing, speaking, and aural comprehension, with integrated language laboratory program. Courses improve the student's command of oral and written French by reviewing previous knowledge and introducing new grammatical structures and readings with a cultural content. Various media used.

Prerequisite(s): Grade 11 French or FREN 102. FREN 111 is a prerequisite for FREN 112. Students with Grade 12 French cannot take these courses for credit. (3-1; 3-1)

FREN 113, 114 Conversational and Written French (3, 3 sem. hrs.)

Conversational courses aimed at developing greater fluency in the spoken language through the study of language, society, and culture. The emphasis is on developing oral skills, including improved vocabulary, pronunciation, and proper use of grammatical structures, aided by written work. FREN 114 focuses on vocabulary and conversational skills useful for

the workplace. Conducted entirely in French.

NB: FREN 114 may not be offered every year. See Department chair. Courses not intended for students with Grade 12 French immersion.

Prerequisite(s): FREN 112 or Grade 12 French for either FREN 113 or 114. FREN 112 may be a co-requisite. (3-1; 3-1)

FREN 121, 122 Langue et introduction à la littérature française (3, 3 sem. hrs.)

Introduction to French literature through the study of various genres: short story, poetry, novel, and theatre. Literary texts are analyzed with a view to developing an understanding and appreciation of French literature. Basic elements of French grammar are thoroughly reviewed and consolidated.

Prerequisite(s): Grade 12 French (including French immersion) or FREN 111, 112. FREN 121 is a prerequisite for FREN 122. (3-1; 3-1)

FREN 214 Conversation avancée (3 sem. hrs.)

A course designed to provide intensive oral practice through conversation, discussion, debate, and oral presentations. Various forms of media are used such as websites, magazine articles, radio, television, and film clips. Students work on vocabulary building, pronunciation, improved sentence structure, and the integration of correct grammatical principles.

Prerequisite(s): FREN 113 or 114, or 122, or Grade 12 French immersion. (3-1 or 3-1)

FREN 215, 216 Langue écrite et orale (3, 3 sem. hrs.)

Grammar, short readings, composition, and oral practice intended to prepare students going into advanced work in French. Basic work is in language practice through the use of grammatical exercises and oral activities. Readings and compositions also provide the means of acquiring vocabulary and developing writing skills.

Prerequisite(s): FREN 121, 122; or 111, 112, and 113. FREN 215 is a prerequisite for FREN 216. (3-1; 3-1)

FREN 318 Le modernisme en littérature et en art (avant 1930) (3 sem. hrs.)

Course focuses on French literature, culture, and society at the end of the 19th and beginning of the 20th century. It introduces students to early modernism in French poetry and prose, while presenting parallels in art and architecture. Beginning with symbolism as a precursor to modernism, it touches on such poets as Baudelaire, Rimbaud, Verlaine, and Mallarmé, and shows how Impressionist art reflects the concerns of the symbolist poets. Apollinaire's new poetic forms are examined in relation to early 20th century society and to developing art forms such as cubism and surrealism. Novelists Marcel Proust and André Gide are also studied as founding figures of modernism.

NB: Offered alternating years.

Prerequisite(s) or Co-requisite: FREN 216. (3-0 or 3-0)

FREN 320 Littérature française du XX^e siècle (3 sem. hrs.)

20th century literature as represented by the works of major authors such as, Camus, Sartre, Ionesco, and Duras. Various works, as well as literary movements, are examined in the light of their philosophical, ideological, and historical contexts.

NB: Offered alternating years.

Prerequisite(s) or Co-requisite: FREN 216. (3-0 or 3-0)

FREN 321, 322 Littérature française du Moyen Age au XIX^e siècle (3, 3 sem. hrs.)

A survey of French literature from the Middle Ages to the 19th century, through the study of specific texts and literary excerpts. Courses focus on various time periods and movements including classicism, romanticism, and 19th century realism. FREN 321 covers to the end of the 17th century.

NB: Offered alternating years.

Prerequisite(s): FREN 216; and FREN 318 or 320 or instructor's permission. (3-0; 3-0)