Environmental Science Courses

ENV SCI 4195 (830:195). Environmental Science/Health Internship — 1-10 hrs.
Supervised work experience in conjunction with academic project conducted under faculty guidance. May be repeated for maximum of 12 hours. Prerequisite(s): consent of department head. (Fall, Spring, Summer)

ENV SCI 4665/5665 (830:165g). Environmental Health Science — 3 hrs.
Comprehensive survey of the interaction between human health and the quality and state of the natural environment. Prerequisite(s): junior standing. (Same as PH 3710/5710) (Fall and Spring)

ENV SCI 4666/5666 (830:166g). Environmental and Occupational Health Regulations — 3 hrs.
Overview of environmental and occupational safety laws applied to the practice of environmental science. Emphasis on application of the legislation with a focus on regulations. Includes major environmental laws such as the National Environmental Policy Act, Clean Air Act, Clean Water Act, and the Occupational Safety and Health Act. Prerequisite(s): junior standing. (Same as PH 3720/5720) (Odd Springs)

Advanced topics in physiological ecology, community ecology, environmental microbiology, ecological genetics, bioenergetics, and biodiversity. (Odd Falls)

Advanced topics in chemistry for environmental science and technology. Topics include water, air, and geochemistry; environmental chemistry, measurement techniques, and chemical ecology. (Odd Springs)

Advanced topics in global systems for environmental science and technology. Topics include surface and groundwater hydrology, meteorology, atmospheric physics, and oceanography to gain an understanding of physical and geological processes that influence and are influenced by earth’s biosphere. (Even Falls)

ENV SCI 6285 (830:285). Readings in Environmental Science/Health — 1-10 hrs.
Independent readings in environmental science/technology from selected list approved in advance. May be repeated for maximum of 10 hours. Prerequisite(s): consent of department head. (Fall, Spring, Summer)

ENV SCI 6289 (830:289). Environmental Science/Health Seminar — 1 hr.
Current topics in environmental science/health. Students will present one seminar per year. May be repeated for maximum of 3 hours. Prerequisite(s): must be currently enrolled in Environmental Science graduate program. (Fall and Spring)

May be repeated for maximum of 9 hours. Prerequisite(s): must be currently enrolled in Environmental Science graduate program; consent of department. (Fall, Spring, Summer)

Humanities Courses

Literature, philosophy, religion, and the fine arts, integrated with the history of Western Civilization to 1300. (Fall, Spring, Summer)

Literature, philosophy, religion, and the fine arts, integrated with the history of Western Civilization from 1300 to the French Revolution of 1789. (Fall, Spring, Summer)

Literature, philosophy, religion, and the fine arts integrated with the history of Western Civilization since the French Revolution of 1789. (Fall, Spring, Summer)

HUM 3102/5102 (680:102g). Nonverbal Communication — 3 hrs.
Study of practices, theories, and concepts related to patterns of human expression apart from the spoken or written word. Prerequisite(s): junior standing. (Same as COMM 4311 (48C:121g)) (Variable)

HUM 3121 (680:121). Russia/Soviet Union — 3 hrs.
Interdisciplinary examination of the culture, history, geography, economy, political system, and society of Russia and the Soviet Union. (Fall and Spring)

Introductory study of Japan: geographical setting, historical background, cultural heritage, social and political systems, and economic development and importance. (Fall and Spring)

Historical, political, social, and cultural elements that form the civilization of Latin America. No credit if student has credit in SPAN 3020 (780:120). (Fall and Spring)

Introduction to essential aspects of China, including geography, environment, demography, anthropology, history, language, religion, economic development, political changes, and foreign relations. (Fall and Spring)

HUM 3125 (680:125). India — 3 hrs.
Treatment of significant elements of Indian culture, historical development, and place in the world today. (Fall and Spring)

HUM 3127 (680:127). Middle East — 3 hrs.
Treatment of significant aspects of Middle Eastern culture, historical development, and place in the world today. (Variable)
Interdisciplinary examination of contemporary African society and culture: historical heritage, problems, prospects, and importance. (Fall and Spring)

Interdisciplinary exploration of culture and philosophy of African American life; emphasis on historical and current aspects of life which enhance or deter progress of African Americans educationally, economically, and politically. (Variable)

Ethnographic survey of sociocultural systems developed by Native Americans north of Mexico. Emphasis on relationships that exist among ecological factors, subsistence techniques, social organizations, and belief systems; and the impact interactions with European and U.S. societies had on Indian lifestyles. (Same as ANTH 3132 (990:132)) (Variable)

HUM 3137 (680:137). Native Central and South America — 3 hrs.
Ethnographic focus on the sociocultural systems of the indigenous peoples of Mesoamerica, Amazon Basin, and the Andean Highlands. Emphasis on inter-relationships among environment, history, social organizations, and belief systems from a holistic and comparative perspective. (Same as ANTH 3137 (990:137)) (Variable)

How might religious leaders insert themselves in the struggle for justice and human rights? Malcolm X and Martin Luther King, Jr. represent the intricate involvement of black religious leaders in the African American struggle for social, political, and economic justice. (Same as RELS 3310 (640:138)) (Variable)

Exploration of the purposefully constructed image of blacks which reinforces inequality, the historical development of white supremacist ideology, and the disempowerment of blacks in the United States. Prerequisite(s): junior standing. (Variable)

Investigation of major themes in lives of black women in America, utilizing scholarship from sociology, literature, cultural studies, and womanist theology. Challenges to fruitful existence and role of striving for self-representation direct the two major units of course. Prerequisite(s): junior standing. (Variable)

Field placement designed to further develop leadership abilities. Site placement determined in consultation with the Director of Leadership Studies. Prerequisite(s): HUM 3110; consent of instructor and Director of Leadership Studies. (Variable)

Independent Study

Professional Science Master’s Courses

Designed to provide science professionals with a strong foundation of critical business knowledge and skills, including strategic management, accounting, legal issues, personnel management, and communication styles and formats. Prerequisite(s): PSM 6289 (820:289). (Fall and Spring)

PSM 6289 (820:289). Professional Science Master’s Seminar — 1 hr.
Weekly seminar for Professional Science Master’s students which alternates student presentations with discussions between students and company representatives. Presentations are on select industries or corporations, one presentation every other seminar session. Alternate weeks are devoted to discussions with representatives of the selected companies. May be repeated for a maximum of 3 hours. Prerequisite(s): admittance to the P.S.M. graduate program. (Fall and Spring)

PSM 6300 (820:215). Team-Based Problem Solving — 3 hrs.
For P.S.M. Biotechnology and P.S.M. Ecosystem Management students. Discussion and/or lab, 5 periods. Prerequisite(s): PSM 6289 (820:289); minimum of 6 hours completed in a P.S.M. degree program. (Fall and Spring)

Supervised work experience for Professional Science Master’s students. Students will receive appropriate industrial/corporate training in their specific field of expertise. Prerequisite(s): enrolled in P.S.M. program and consent of appropriate department head. (Fall and Spring)