School of Interdisciplinary Studies

Minors

Minors offered by the School of Interdisciplinary Studies are available to students in all majors except for students taking the Bachelor of Arts or the Bachelor of Science in Interdisciplinary Studies. There is no minor offered in Interdisciplinary Studies. Students enrolled in the Bachelor of Arts in American Studies and the Bachelor of Science in Healthcare Studies are encouraged to take any minor offered by any school at the University. Students may also contact the academic advisor in their major for a list of the courses that satisfy each minor. Students who take a minor will be expected to meet the normal prerequisites in courses making up the minor, and should maintain a minimum GPA of 2.000 on a 4.00 scale (C average). Minors available within the School of Interdisciplinary Studies are:

- American Studies
- Environmental Studies
- Exercise Sciences
- Gender Studies
- Healthcare Studies

Minor in American Studies: 18 semester credit hours

The minor in American studies will facilitate a better understanding of American culture, economy, politics, and society.

Required Courses: 6 semester credit hours

AMS 3302 American Cultures
BIS 3320 The Nature of Intellectual Inquiry

Electives: 12 semester credit hours

Choose four courses from the following:

AMS 2300 American Popular Culture
AMS 3321 American Ethnic Experience: Immigrants Before 1945
AMS 3322 American Ethnic Experience: Immigrants After 1945
AMS 3326 The United States in the Twenty-First Century
**Minor in Environmental Studies: 18 semester credit hours**

This minor will provide students from all majors with a better understanding of environmental issues and the skills to analyze future environmental problems. The name "Environmental Studies" reflects the goal of this interdisciplinary minor to encourage students to learn to view environmental issues from scientific, economic, political, and social standpoints. The 18 semester credit hours of the Environmental Sciences minor enable UT Dallas students to develop expertise in this important area. The framework provides all students with a policy and science perspective and allows students to tailor the minor, through choice of electives, to their individual goals. Students will be strongly encouraged to include an Environmental Studies Internship/Project (BIS 3310) in their minor though it may not be possible for all students.

The Environmental Studies minor will be housed within the School of Interdisciplinary Studies with a Supervisory Committee consisting of Dr. Elizabeth Salter and the professors of the two required courses, Dr. Lloyd Dumas and Dr. Thomas Brikowski.

**Required Foundation Courses: 6 semester credit hours**

- **ECON 4336** Environmental Economic Theory and Policy
- **NATS 2333** Energy, Water, and the Environment

**Electives: 12 semester credit hours**

Choose four courses from the following list, or three courses from the list with one alternate course accompanied by written permission of the Supervisory Committee.

- **BIS 3310** Environmental Studies Project (This course is strongly recommended.)
- **CHEM 4381** Green Chemistry and Green Fuels
- **ECON 4332** Energy and Natural Resources Economics
- **ECON 4333** Environmental Economics
- **GEOS 2302** The Global Environment
- **GEOS 2310** Environmental Geology
GEOS 2324 Energy, the Environment and Human Health
GEOS 2321 Geology, Resources and Environment of Latin America
GEOS 4V08 Special Topics in Geology or Geophysics (when topic is applicable for Environmental Studies)
HIST 4368 North American Environmental History
ISIS 3390 Costa Rica Field Trip
ISNS 2367 The Oceans
ISNS 2368 Weather and Climate
IPEC 3349 World Resources and Development
MECH 4V95 Topics in Mechanical Engineering (when topic is Introduction to Wind Energy)

Minor in Exercise Sciences: 18 semester credit hours

The minor in Exercise Sciences is ideal for students who are interested in broadening their experience and knowledge base in the study and analysis of principles related to human movement, exercise, and athletics. Students will acquire new information on key domains of the field including exercise physiology, psychological approach to health, nutrition principles, injury prevention, and treatment strategies. Specifically, the minor provides students with an introductory grounding in physiologic principles that help us understand not only how human systems respond to exercise stress, but also how the body changes with chronic exercise stress.

Required Courses: 9 semester credit hours

HLTH 1301 Introduction to Kinesiology
HLTH 1322 Human Nutrition
BIOL 3370 Exercise Physiology

Upper-Division Courses: 9 semester credit hours

BIOL 3455 Human Anatomy and Physiology with Lab I
BIOL 3456 Human Anatomy and Physiology with Lab II
ECON 3315 Sports Economics
HLTH 3101 Medical Terminology
PHYS 3317 Physics of the Human Body
PSY 4328 Health Psychology
Minor in Gender Studies: 18 semester credit hours

The Gender Studies minor is designed to examine the ways in that gender as a complex social construction intersects with class, race, age, ethnicity, nationality, sexual orientation, and sexual identity; to examine the lives and experiences of groups that have been underrepresented in traditional academic work; and to acquaint students with the fundamental methodologies of women's and gender studies.

Required Courses: 9 semester credit hours

**GST 2300** Introduction to Gender Studies

And choose two courses from the following:

- **GST 3301** or **PSY 3324** Psychology of Gender
- **GST 3302** or **HIST 3302** Gender in Western Thought
- **GST 3303** Gender, Society, and Politics

Electives: 9 semester credit hours

Choose three courses from the following:

- **AMS 2300** American Popular Culture
- **BIS 4V04** Internship (related to gender studies)
- **CRIM 3324** Gender, Crime, and Justice
- **GST 3301** or **PSY 3324** Psychology of Gender
- **GST 3302** or **HIST 3302** Gender in Western Thought
- **GST 3303** Gender, Society, and Politics
- **GST 4311** Gender and Education
- **GST 4325** Motherhood and the Technological Womb
- **GST 4360** or **AMS 4360** Rebels and Reformers: Women and Alcohol in America
- **GST 4379** Topics in Gender Studies
- **GST 4380** or **SOC 4380** Women, Work, and Family
- **GST 4381** Senior Honors Research
- **GST 4382** Senior Honors in Gender Studies
- **GST 4V80** Independent Study
Minor in Healthcare Studies: 18 semester credit hours

The Healthcare Studies minor is designed for students from any major who have an interest in pursuing a career in one of the healthcare fields. Students will learn important aspects of the health profession including appropriate terminology and the foundational elements of professionalism in the healthcare setting. Students will also gain an understanding of basic biological and medical principles related to human health and disease, the fundamental aspects of the history or philosophy of healthcare, and psychological, social, or economic issues associated with healthcare or the healthcare system in America.

This minor is well suited for traditional pre-health students (medicine, dentistry, pharmacy, and
optometry) as well as those interested in allied health fields (physical therapy, physician assistant studies, clinical nutrition, etc.), public health, clinical psychology, and counseling. The minor in Healthcare Studies is designed for students from any major who have an interest in pursuing a career in one of the healthcare fields.

**Required Courses in Health Career Development Foundations: 8 semester credit hours**

- **HLTH 4304** Health Professions Internship
- **HLTH 1100** Career Explorations for the Health Professions
- **HLTH 3300** Pre-Health Professional Development
- **HLTH 3101** Medical Terminology

**Electives: 10 semester credit hours**

Choose two courses from the following:

**Historical, Legal, and Philosophical Foundations**

- **HIST 3328** History and Philosophy of Science and Medicine
- **PHIL 4320** Medical Ethics
- **PHIL 4321** Philosophy of Medicine
- **PSCI 4365** Law and Medicine

**Biological Foundations**

- **BIOL 3370** Exercise Physiology
- **BIOL 3455** Human Anatomy and Physiology with Lab I
- **BIOL 3456** Human Anatomy and Physiology with Lab II
- **HLTH 1322** Human Nutrition
- **ISIS 2308** Bones, Bodies, and Disease
- **ISIS 3306** Human Female: Biology and Culture
- **NSC 3344** Anatomy and Physiology of Speech and Hearing
- **NSC 4356** Neurophysiology
- **NSC 4366** Neuroanatomy

**Psychological, Social and Economic Foundations**

- **ECON 3330** Economics of Health
- **HLTH 3301** Issues in Geriatric Healthcare
PSY 4328 Health Psychology
PSY 4346 Human Sexuality
SOC 4372 Health and Illness
SPAN 2341 Medical Spanish

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