

Cutting-edge curriculum

Intercollege Majors and Minors



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Major

Bachelor of Philosophy

Minors

Astrobiology

Marine Sciences

Bioethics and Humanities

Military Studies

Civic and Community Engagement

Neuroscience

Environmental Inquiry

Science, Technology, and Society

Gerontology

Intercollege majors and minors are administered through the Office of Undergraduate Education: 814-863-1864.



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U.Ed. UGE 07-01

Students in the Marine Sciences minor may participate in the Penn State Science Diving Program.
(above) Students in the Civic and Community Engagement minor apply their scholarship to issues beyond the classroom.

J. COHEN

Intercollege Majors and Minors

Bachelor of Philosophy (B PH)

Students in the Bachelor of Philosophy program work with a faculty mentor to develop an individually tailored undergraduate major that allows them to pursue in-depth academic and artistic discovery unavailable through traditional programs. Each student completes a senior capstone project or thesis. Students should apply for admission prior to the junior year.

FOR MORE INFORMATION, CONTACT:

Dr. Jeremy Cohen (jxc45@psu.edu)
Associate Vice President and Senior Associate
Dean for Undergraduate Education
417 Old Main
University Park, PA 16802
814-863-1864
www.psu.edu/oue/bphil

Astrobiology Minor (ABIOL)

Astrobiology, the study of life in the universe, has become a major focus of scientific research and is a topic often discussed in popular science literature and the general media. The Astrobiology minor covers the scientific disciplines that contribute to our general understanding of life, its origins, its history, and the possibility of life on other planets.

FOR MORE INFORMATION, CONTACT:

Dr. Jennifer Macalady (jmacalad@geosc.psu.edu)
210 Deike Building
University Park, PA 16802
814-865-6330
or
Ms. Linda Altamura (lxcg2@psu.edu)
435 Deike Building
University Park, PA 16802
814-863-8761
psarc.geosc.psu.edu/education.html

Bioethics and Medical Humanities Minor (BMH)

Activity in the biomedical sciences affects both the public and private sectors, including medical care, the pharmaceutical industry, genetics, the insurance industry, occupational health, and behavioral variation. These areas go beyond the science itself, with varied impact on people in different age, gender, ethnic, geographic, or economic segments of society. The social implications of life and health sciences research bear on humanities disciplines ranging from ethics and history to religious studies and literature. The Bioeth-

ics and Medical Humanities minor is suitable for students in almost any major. Prerequisite: Biology 110.

FOR MORE INFORMATION, CONTACT:

Dr. Jennifer Mensch (jam782@psu.edu)
201 Willard Building
University Park, PA 16802
814-863-2849
rocketics.psu.edu/bioethics/minor/index.htm

Civic and Community Engagement Minor (CIVCM)

The intercollege minor in Civic and Community Engagement focuses the diffusion of students' work as scholars, artists, and artisans into communities beyond the classroom. Based upon public scholarship theory and practice, the minor distinguishes between ethical volunteerism or service and the complexity of learning and practicing democracy. Through courses, labs, and studios, community fieldwork, and a capstone project, students integrate academic and creative discovery with democratic principles of contribution to others.

FOR MORE INFORMATION, CONTACT:

Dr. Mary Lou Zimmerman Munn (mzm10@psu.edu)
The Laboratory for Public Scholarship and Democracy
University Park, PA 16802
814-865-2439
www.publicscholarship.psu.edu/civcom/

Environmental Inquiry Minor (ENV I)

The Environmental Inquiry minor was created to enrich all areas of academic study with essential, cross-disciplinary understanding of crucial environmental issues. The minor offers a greater appreciation of the environment, a broader understanding of environmental issues and problems, and insight into alternative methods of inquiry.

FOR MORE INFORMATION, CONTACT:

Dr. Amy Glasmeier (akg1@ems.psu.edu)
312 Walker Building
University Park, PA 16802
814-865-7323
www.envi.psu.edu/

Gerontology Minor (GERON)

The intercollege minor in Gerontology helps students to gain an in-depth understanding of the aging process and old age. In conjunction with the major, the minor helps students prepare for entry-level human services positions work-

ing with the elderly or for graduate or professional school programs including communications disorders, counseling, health planning and administration, medicine, psychology, recreation and park management, and social work where knowledge of the aging process and problems of older people is relevant.

FOR MORE INFORMATION, CONTACT:

Ms. Pamela Evock (pde1@psu.edu)
S-211 Henderson Building
University Park, PA 16802
814-863-8000
geron.psu.edu/education/undergrad.html

Marine Sciences Minor (MARSC)

The Marine Sciences minor is an excellent opportunity to explore interests in the study of the oceans and helps students make informed decisions about graduate work in marine studies. Requirements for the minor can be completed either at University Park or as a study abroad option. University Park students have the opportunity to receive training as a scientific scuba diver through Penn State's Science Diving Program and to participate in a number of field experiences in the marine sciences.

FOR MORE INFORMATION, CONTACT:

Dr. Lee R. Kump (lrk4@psu.edu)
535 Deike Building
University Park, PA 16802
814-863-1274
www.ems.psu.edu/students/marine

Military Studies Minor (MLTRY)

This interdisciplinary minor is designed for all students with special interests in military and national security affairs. Military emphasis is provided in one of three areas—Aerospace Studies, Military Science, or Naval Science. Students elect one military service branch for their prescribed courses and select two additional courses from appropriate history and political science courses emphasizing national security policy.

FOR MORE INFORMATION, CONTACT:

Air Force ROTC (airforce@psu.edu)
109 Wagner Building
University Park, PA 16802
814-865-5453
www.airforce.psu.edu

Army ROTC (army@psu.edu)
211 Wagner Building
University Park, PA 16802
814-863-0368
www.psu.edu/dept/armyrotc

Navy ROTC (skb2@psu.edu)
315 Wagner Building
University Park, PA 16802
814-865-6289
navy.rotc.psu.edu

Neuroscience Minor (NEURO)

The intercollege minor in Neuroscience appeals to the broad range of interests that the neurosciences comprise. Students with majors in Psychology, Nutrition, Kinesiology, Biology, Biochemistry, or Molecular Biology may be interested in enrolling in this 18-credit minor. The requirements consist of a core of three courses: Neurological Bases of Human Behavior, Neurobiology, and Functional and Integrative Neurosciences. Elective courses include offerings from many departments. The student and the director of the minor work together to choose electives that match the student's interests.

FOR MORE INFORMATION, CONTACT:

Dr. Byron C. Jones (bcj1@psu.edu)
315 East Health and Human Development
University Park, PA 16802
814-863-0167
psych.la.psu.edu/neuroscience/minor.html

Science, Technology, and Society Minor (STS)

The Science, Technology, and Society (STS) minor can complement all majors throughout the University. Housed in the STS program, it provides interdisciplinary instruction and integrated knowledge to enhance understanding of a world based in science and technology. The STS minor examines science and technology as a social process and promotes scientific-technological literacy. A grade of C or better is required for all courses in the minor.

FOR MORE INFORMATION, CONTACT:

Dr. Martin Pietrucha (mtp5@psu.edu)
Director, STS Program
102 Old Botany Building
University Park, PA 16802
814-865-9951
www.engr.psu.edu/sts