

Colleges and Curricula

Academic Organization

Ohio University offers graduate degree programs through the Colleges of Arts and Sciences, Business, Communication, Education, Engineering and Technology, Fine Arts, and Health and Human Services. Graduate programs are also offered through the Center for International Studies and the College of Osteopathic Medicine. The Office of Graduate Studies coordinates graduate study at Ohio University and administers the Individual Interdisciplinary Studies Program.

Ohio University is fully accredited by the North Central Association of Colleges and Schools at the bachelor's, master's, and doctoral levels. In addition, numerous departments, schools, and colleges within the University hold individual accreditation. Additional information is available from the office of each college's dean.

College of Arts and Sciences

African American Studies*

Anthropology*

Biological Sciences (M.S., Ph.D.)

Cell biology and physiology, ecology and evolutionary biology, exercise physiology and muscle biology, microbiology, neurobiology

Chemistry and Biochemistry (M.S., Ph.D.)

Analytical, biochemistry, inorganic, organic, and physical chemistry

Classics and World Religions*

Conservation Biology (certificate)

Economics (M.A.)

Applied economics (M.A.), financial economics (M.A.)

English (M.A., Ph.D.)

Environmental and Plant Biology (M.S., Ph.D.)

Biochemistry, cell biology, ecology, evolution, molecular biology, plant morphology, phycology, paleobotany, plant physiology, plant systematics

Environmental Studies (M.S.)

Life sciences, environmental monitoring, environmental policy and planning, physical and earth sciences, and environmental archaeology

Foreign Languages and Literatures

French, Spanish (M.A.)

Courses in Chinese, French, German, Greek, Indonesian/Malaysian, Latin, Italian, Japanese, Russian, Spanish, Swahili, Southeast Asian Literature in translation

Geography (M.A.)

Geological Sciences (M.S.)

Geology, hydrogeology, environmental geology, environmental geochemistry, geophysics

History (M.A., Ph.D.)

Linguistics (M.A.)

Linguistics, Teaching English as a second or foreign language

Mathematics (M.S., Ph.D.)

Applied mathematics, computational mathematics, mathematics for secondary school teachers, pure mathematics (M.S.); algebra, analysis, topology, applied mathematics (Ph.D.)

Molecular and Cellular Biology (M.S., Ph.D.)

Ohio Program of Intensive English*

Philosophy (M.A.)

Physics and Astronomy (M.A., M.S., Ph.D.)

Political Science (M.A., M.P.A.)

Political science (M.A.), public administration (M.P.A.), executive M.P.A.

Psychology (M.S., Ph.D.)

Clinical, experimental

Social Sciences (M.S.S.)

Social Work (M.S.W.)

Sociology (M.A.)

Women's Studies (certificate)

College of Business

Business (M.B.A.)

Executive M.B.A. Program, Professional Program M.B.A., Business/Sports Administration, M.B.A./M.S.A.

College of Communication

Communication Systems Management (M.C.T.P.)

Communication Studies (Ph.D.)

Rhetoric and public culture, health communication, relating and organizing

Communication and Development Studies (M.A.)

Journalism (M.S.)

Broadcast journalism, magazine journalism, newswriting/editing, public relations, multimedia

Mass Communication (Ph.D.)

Journalism, Telecommunications

Telecommunications (M.A.)

New technology and culture, media management and policy, multimedia, public broadcasting

Visual Communication (M.A.)

Photo communications (including documentary photography), commercial photography (including illustrative photography), interactive multimedia, publication design, newsroom graphics management.

College of Education

Adolescent to Young Adult Education (M.Ed.)

College Student Personnel (M.Ed.)

Computer Education and Technology (M.Ed.)

Counselor Education (M.Ed., Ph.D.)

Cultural Studies in Education (M.Ed., Ph.D.)

Curriculum and Instruction (M.Ed.)

Curriculum and Instruction (Ph.D.)
(Emphases: curriculum and instruction, instructional technology, math education, middle level education, reading and language arts, social studies education, special education)

Early Childhood Special Education (M.Ed.)

Educational Administration (M.Ed., Ed.D.)

Educational Research and Evaluation (M.Ed., Ph.D.)

Higher Education (M.Ed., Ph.D.)

Mathematics Teaching at the Adolescent to Young Adult Level (M.Ed.)

Middle Childhood Education (M.Ed.)

Reading Education (M.Ed., Ph.D.)

Special Education (M.Ed., Ph.D.)

Russ College of Engineering and Technology

Biomedical Engineering (M.S.)
Cellular and molecular engineering, biomechanics, biomedical information processing

Chemical Engineering (M.S., Ph.D.)
Biochemical and biomedical engineering, corrosion and flow in multiphase systems, batteries and fuel cells, electronic and advanced carbon materials, energy and pollution control, air quality and atmospheric chemistry

Civil Engineering (M.S.)
Geotechnical, environmental, geoenvironmental, structures, solid mechanics, water resources, transportation

Computer Science (M.S.)
Electrical Engineering and Computer Science (M.S., Ph.D.)
Mobile robotics, medical image processing, artificial intelligence, distributed agents, scientific visualization, computer graphics, computational biology, approximate algorithms, complexity theory, case-based reasoning, knowledge engineering, data communications,

operating systems, software and systems engineering, real-time systems, cryptographic protocols, electronic commerce, internet security, online privacy; avionics, applied and theoretical computer science, communications, controls, information theory, solid-state electronics, energy conversion, power electronics, power systems, electromagnetics, signal processing, manufacturing, VLSI design, computer vision, electronic circuits, optoelectronics

Industrial and Manufacturing Systems Engineering (M.S.)
Manufacturing systems, manufacturing information systems

Integrated Engineering (Ph.D.)
Civil engineering, industrial engineering, mechanical engineering

Mechanical Engineering (M.S.)
Mechanical systems, CAD/CAM, manufacturing, biomedical, thermofluid sciences, technology management

College of Fine Arts

Art (M.A., M.F.A.)
Studio: Ceramics, painting, photography, printmaking, sculpture (M.F.A.), art history/studio (M.F.A.); art education art history (M.A.)

Interdisciplinary Arts (Ph.D.)

Dance*

Film (M.A., M.F.A.)

Music (M.M.)
Composition, history and literature, music education, music therapy, performance, performance/pedagogy, performance/composition, theory

Theater (M.A., M.F.A.)
Theater history and criticism (M.A.); acting, directing, playwriting, production design and technology (M.F.A.); theater (M.A.)

*Offers graduate-level coursework but no degree or certificate.

College of Health and Human Services

Health Sciences (M.H.A., M.B.A./M.H.A., M.P.H.)
Health administration (M.H.A.), Business/ Health Administration (M.B.A./M.H.A.), Public Health (M.P.H.)

Hearing, Speech and Language Sciences (M.A., Au.D., Ph.D.)
Speech-language pathology (M.A., Ph.D.), audiology (Au.D., Ph.D.)

Human and Consumer Sciences (M.S.)
Early childhood education, family studies, food and nutrition

Nursing (M.S.N.)
Nurse administrator, nurse educator, family nurse practitioner

Physical Therapy (D.P.T.)

Recreation and Sport Sciences (M.S., M.S.A., M.B.A./M.S.A.)
Athletic training education, coaching education, recreation studies, exercise physiology-research, exercise physiology-clinical (M.S.); sports administration (M.S.A.); business/sports administration (M.B.A./M.S.A.)

Center for International Studies

International Affairs (M.A.)
African Studies, Communication and Development Studies, International Development Studies, Latin American Studies, Southeast Asian Studies.

Individual Interdisciplinary Program

Individual master's and doctoral programs

Lifelong Learning

Executive, professional, and online degree programs

College of Osteopathic Medicine

Four-year professional program leading to the Doctor of Osteopathic Medicine degree (see separate catalog).

Certificate Programs

Most of the certificate programs listed on this page are open to all students pursuing a graduate program at the University, regardless of college or field. The health care services administration certificate, health policy certificate, the gerontology certificate, and the performance certificate are open to nondegree students. These interdisciplinary programs can complement your primary area of interest, broaden your career possibilities, or allow you to study an area of interest from a variety of perspectives. You will be awarded the certificate and receive official recognition on your transcript when you graduate.

Conservation Biology

The Program in Conservation Biology offers an interdisciplinary graduate certificate in conservation biology. The program applies a multifaceted understanding of the factors affecting the conservation of biological diversity. It is centered in the Department of Biological Sciences but includes faculty members from the Departments of Environmental and Plant Biology, Economics, Geography, and Political Science.

Students enrolled in any master's or doctoral program at Ohio University are eligible to apply for the certificate. For additional information on admission and requirements, see the program description in the College of Arts and Sciences section.

Contemporary History

The Contemporary History Institute offers a certificate in contemporary history that serves as an adjunct to the M.A. and Ph.D. degrees in history, the M.A. degrees in economics and political science, the M.S. in journalism, and the Ph.D. in mass communication (journalism sequence). The institute is centered in the Department of History, but it also draws faculty and students from the Departments of Economics and Political Science, the E. W. Scripps School of Journalism, and the undergraduate Honors Tutorial College.

Students receive the certificate after satisfactorily completing a sequence of interdisciplinary seminars and tutorials focusing on methodologies, themes, and issues in contemporary history, and writing a thesis or dissertation on a topic in contemporary history.

For additional information on admission and requirements, see the program description in the College of Arts and Sciences section.

Geographic Information Science

Maps remain a fundamental means of geographic communication, and the expanding role of the map and related digital information places a premium on the ability to interpret and analyze mapped information. To meet this expanding role, the advancement of Geographic Information Science (GIS) is seen as the important synthesis of traditional mapping with the more advanced tools of data modeling and analysis. The GIS certificate offers non-geography majors an opportunity to gain the knowledge, theory, and training to use GIS as a tool to answer research questions relevant to their disciplines.

The GIS is open to all graduate students who meet and maintain their minimum college requirements, as well as nondegree students. For additional information on admission and requirements, see the program description in the College of Arts and Sciences Geology section, or visit the web site at <http://www.as.phy.ohiou.edu/Departments/Geography/GISCertificate.html>

Gerontology

The College of Health and Human Services and the College of Arts and Sciences jointly sponsor the multidisciplinary graduate gerontology certificate program. The program is designed for students who want to gain knowledge and skills for a career that involves working with the elderly.

Students enrolled in any master's or doctoral program, as well as nondegree students, at Ohio University are eligible to apply for the certificate. For additional information on admission and requirements, see the program description in the College of Health and Human Services section.

Health Care Services Administration

The health care services administration certificate program is intended for health and health-related professionals who want the basic administrative and managerial knowledge that this program can provide. The certificate program exposes the student to the competencies, knowledge, and skills needed to function more effectively in a variety of administrative and managerial roles throughout health services organizations. Certificate holders will be prepared to work collaboratively with professionals from a variety of disciplines to gain insights into rural and urban program administration and services in order to be able to work with both underserved and other population groups.

Students enrolled in any master's or doctoral program at Ohio University, as well as nondegree students, are eligible to apply for the certificate. For additional information on admission and requirements, see the program description in the College of Health and Human Services section.

Health Policy

The multidisciplinary graduate certificate in health policy addresses the educational needs of graduate students and professionals in health care and related industries who have already earned a bachelor's or graduate degree. It is designed particularly for those who work or plan to work in business, government, health sciences, hearing and speech sciences, medicine, nursing, nutrition, political science, physical therapy, psychology, or social work.

Students enrolled in any master's or doctoral program at Ohio University, as well as nondegree students, are eligible to apply for the certificate. For additional information on admission and requirements, see the program description in the College of Health and Human Services section.

Performance

The School of Music offers a performance certificate that provides an intensive program of study for students whose career goals are directed towards performance. The 30-hour program is designed to be completed in one to two years of full-time study. Applicants must have an earned bachelor's degree or the equivalent. Students pursue the performance certificate in a nondegree status and may not simultaneously pursue a Master of Music. For additional information on admission and requirements, see the program description in the College of Fine Arts section.

Women's Studies

The interdisciplinary graduate certificate in women's studies can complement any degree program; it may be particularly helpful to those who plan to work in such areas as journalism, counseling, education, health, management, labor relations, social work, law, personnel, and wherever analysis of gender and sex is applicable.

Students enrolled in any master's or doctoral program at Ohio University are eligible to apply for the certificate. For additional information on admission and requirements, see the program description in the College of Arts and Sciences section, or visit <http://www.ohio.edu/womenstudies/>.

Areas of Instruction

The following sections, arranged by college, describe areas of graduate instruction at Ohio University and the requirements for admission to and completion of graduate degree and certificate programs. All programs and requirements are subject to change without notice at the discretion of Ohio University.

Guide to Course Listings

Course listings for each area follow the program requirements.

Course Number

The course number indicates the student classification for which the course is intended. Courses numbered 500–699 are for master’s-level students; courses numbered 700–899 are for post-master’s or doctoral-level students. No graduate credit is awarded for any work taken below the 500 level.

The italicized information following some course descriptions gives the following information: faculty name; quarter offered (*F* for fall, *W* for winter, *Sp* for spring, *Su* for summer); frequency with which the course is offered (*A* for alternate years, *Y* for yearly, *D* for on demand); and the last year in which the course was offered.

Credit Hours

Credit for a course is indicated by the number or numbers in parentheses following the course title.

For a course carrying variable credit, the credit may be expressed as a range and a maximum—for example, (1–4, max 8)—indicating that one credit is the minimum and four credits the maximum allowed for the course in one quarter. You may enroll for a course with variable credit any number of times and for any number of credits within the quarter limit, provided the total registration for the course does not exceed the maximum. Departments may limit the number of hours counted in satisfying degree requirements.

Prerequisites

Course prerequisites are indicated at the beginning of course descriptions following the abbreviation “Prereq.” Even if you have not met the prerequisites, you may add a course by obtaining the instructor’s permission. Once you have completed an advanced course, you may not subsequently enroll in a prerequisite course for credit.

Courses described in this catalog are for graduate credit only; graduate standing is a prerequisite for enrollment. For more information, see “Undergraduates Taking Graduate Courses” in the Application for Admission section.

Class Schedule

Each quarter’s *Schedule of Classes* is available from the Registrar’s Office and other locations around campus, as well as on the Web at <http://www.ohio.edu/registrar/schedcls.cfm>