

# College of Health and Human Services

## 2017-2018 Graduate Catalog

### Graduate Programs

The College of Health and Human Services offers flexible programs leading to a range of master's, educational specialists, and doctoral degrees in both academic and professional fields. The College of Health and Human Services collaborates with other colleges in the university to offer specialized degrees. All students are encouraged to discuss academic programs with graduate faculty in their respective schools.

#### Admission to Graduate Programs

Program specific requirements are described under the individual graduate programs. General graduate program admission requirements are described in a prior section of the College of Graduate Studies. Admission to graduate study in the College of Health and Human Services is open to graduates of accredited colleges and universities who meet the minimum admission requirements of the College of Graduate Studies as well as any additional, specific admission requirements of the college, school, and/or program.

Previously admitted students wishing to transfer to a different program within the College of Health and Human Services must apply for admission to the new program. Admission to one program does not guarantee admission to another program.

#### Administration of Programs

All graduate programs in the College of Health and Human Services are administered jointly by the college and the College of Graduate Studies of The University of Toledo. Students should visit the program website and/or contact specific programs for further information on admission requirements or programs. The associate dean of student affairs coordinates graduate policies within the college.

#### Advising

Students are assigned a faculty member for the purpose of advising and developing a plan of study. It is the student's responsibility to meet all requirements for the degree as specified by the graduate program, the school, the College of Graduate Studies, and The University of Toledo. Students are strongly encouraged to complete the plan of study and other required forms, in consultation with their advisors, during the first semester of matriculation.

#### Requirements

The College of Health and Human Services is committed to the health and well-being of our students and the public. Consequently, all College of Health and Human Services students majoring in programs that require contact with patients or clients must provide verification of appropriate immunizations and exemplify ethical practice during their academic careers at The University of Toledo. The requirements for each major are specified under the respective programs.

### Graduate Degrees in the College of Health and Human Services

A list of degree programs offered in the College of Health and Human Services is provided below. To the right of each degree is the School that offers that degree program. Program descriptions are provided in the information under each school.

## Master's Degree Programs

### Master of Public Health

Health Promotion and Education  
Public Health Administration  
Public Health Epidemiology  
Public Health Nutrition

## School

Population Health

### Master of Science in Occupational Health

Industrial Hygiene

Population Health

### Master of Science in Exercise Science

Applied Biomechanics  
Exercise Physiology  
Athletic Training

Exercise and Rehabilitation Sciences

### Master of Arts in Recreation

Recreation Administration  
Recreation Therapy

Exercise and Rehabilitation Sciences

### Master of Arts in Speech-Language Pathology

Intervention and Wellness

### Master of Arts in Counselor Education

School Counseling Program  
Clinical Mental Health Counseling

Intervention and Wellness

### Master of Arts in School Psychology

Intervention and Wellness

### Master of Arts in Criminal Justice

Social Justice

### Master of Arts in Criminal Justice and Juris Doctor (Offered through the College of Health and Human Services and the College of Law)

Social Justice

### Masters in Social Work

Social Justice

## Education Specialist Degree Program

### Education Specialist in School Psychology

Intervention and Wellness

## Doctoral Degree Programs

### Doctor of Philosophy in Health Education

Population Health

### Doctor of Philosophy in Exercise Science

Exercise and Rehabilitation Sciences

### Doctor of Physical Therapy

Exercise and Rehabilitation Sciences

### Occupational Therapy Doctorate

Exercise and Rehabilitation Sciences

### Doctor of Philosophy in Counselor Education

Intervention and Wellness

## Graduate Certificate Programs

### Certificate in Biostatistics and Epidemiology

Population Health

### Certificate in Contemporary Gerontological Practice

Population Health

### Certificate in Disaster Preparedness and Response

Population Health

<b>Certificate in Epidemiology</b>	Population Health
<b>Certificate in Occupational Health</b>	Population Health
<b>Certificate in Public Health and Emergency Response</b>	Population Health

## SCHOOL OF POPULATION HEALTH

*JOSEPH DAKE, chair*

The School of Population Health offers a variety of degree options and graduate courses. In health, a master of public health with a specialization in health promotion and education is available as well as the doctor of philosophy degree in health education

### Master of Public Program

The MPH degree program is fully accredited by the Council on Education for Public Health (CEPH) and requires four semesters to complete as a full time student. Part time students take approximately eight semesters to complete the program.

Five majors are offered:

- *Environmental and Occupational Health and Safety Science (ENVH)*: Students graduating from this major are prepared to address environmental and occupational health issues from scientific, regulatory, and administrative perspectives for private industry, health departments, regulatory agencies, consulting firms, and other organizations.
- *Health Promotion and Education (HPRO)*: Students graduating from this major are prepared to assist communities, organizations and individuals in working toward a healthier society by using appropriate educational, behavioral, and social change strategies.
- *Public Health Administration (PHAD)*: Students graduating from this major are prepared to assume applicable administrative roles in government and community agencies, health care facilities, and private industry.
- *Public Health Epidemiology (PHEP)*: Students graduating from this major are prepared to study the distribution of disease in large groups or from a population-based perspective. Epidemiologists attempt to quantify the distribution and establish the determinants of health problems by describing and analyzing the biological, environmental, social and behavioral factors affecting health, illness and premature death. Epidemiologists often work for local, state, and federal governments, health care organizations, private industry, and institutions of higher education.
- *Public Health Nutrition (PHNU)*: Students graduating from this major are prepared to advance knowledge regarding the role of nutrition in disease prevention and health promotion and apply this knowledge to planning, managing, delivering, and evaluating nutrition services and programs. Public Health Nutritionists integrate the knowledge, skills, and experience fundamental to all public health disciplines and apply this integrated knowledge to alleviate diet-related health problems among diverse population groups. Employment often includes health departments, federal and private food assistance programs, worksite health promotion programs, nutrition advocacy organizations, health centers and schools.

## Admission

Interested prospective students apply to the MPH degree through UT website. Applicants are required to complete an online application, as well as submit official transcripts from all institutions where they have taken courses (transcripts from institutions outside the US must be translated, evaluated, and reported on the 4.00 scale), 3 letters of recommendation (2 of which must be from persons with a graduate degree), a resume, and a letter of statement of purpose..

The GRE is not required for graduates from an accredited US institution with a  $GPA \geq 3.00$ . The GRE may be required by the MPH Admissions Committee for applicants with a  $GPA < 3.00$ . The GRE is required for all students graduating from institutions outside the US and any student with a  $GPA \leq 2.7$ .

Regular admission to the MPH program requires:

- An earned bachelor's degree from an accredited college or university
- $GPA \geq 3.00$  (on a 4.00 scale)
- All students must have foundation courses in college-level mathematics, and social sciences
  - Environmental and Occupational Health and Safety majors must also complete college-level courses in organic/inorganic chemistry, organic chemistry and biological science (biology, biochemistry, anatomy, physiology, etc.)
  - Public Health Epidemiology majors also must complete college level courses in biological sciences (e.g., biology, biochemistry, anatomy, physiology, etc.)
  - Public Health Nutrition majors also must have a background in nutrition or medicine with a strong foundation in chemistry, physiology, and nutrition courses.
- TOEFL  $\geq 550$  (paper-based),  $\geq 213$  (computer-based), or  $> 79$  (IBT) for applicants who graduated from institutions outside the US.

Provisional admission to the MPH program may be offered with one or more of the following deficiencies:

- Missing foundation course(s)
- $GPA < 3.00$ , but  $\geq 2.7$

Provisional students take 4 courses (12 credit hours) in the MPH program. Preferably, all 4 courses will be core courses, but 1 major specific course is also allowed. No electives may be taken. Students must attain a B or better in each of these courses to be admitted as a regular status student. Any student not attaining a B or better in these 4 courses could be dismissed from the program.

## Core Curriculum

All MPH students are required to take the following 8 (24 credit hours) core courses. These core courses are offered at both Bowling Green State University (3-4 courses, depending on major) and the University of Toledo (4-5 courses, depending on major).

- PUBH 6000 - Biostatistics (offered at UT)
- PUBH 6010 - Public Health Epidemiology (offered at UT)
- PUBH 6040 - Public Health Administration (offered at BGSU)
- PUBH 6050 - Introduction to Public Health (offered at BGSU)
  - PUBH 5160 - Environmental Health (offered at UT for ENVH majors only to take in place of PUBH 6050)
- PUBH 6600 - Health Behavior (offered at UT)
- PUBH 6640 - Issues in Public Health (offered at UT)
- PUBH 6850 - Capstone Seminar (offered at BGSU)
- PUBH 6830/6960 – Internship *or*
- PUBH 6840/6970 - Scholarly Project (offered at both BGSU and UT)

## **Program of study for the master of public health: environmental and occupational health & safety science (ENVH)**

Environmental and Occupational Health and Safety Science (ENVH) specialists focus on a combination of scientific, technical and regulatory aspects of public health that relate to the assessment and control of hazards such as physical, chemical and biological agents in non-occupational and occupational environments. The major focus is recognition, evaluation and control of human exposures resulting from contact with contaminated air, water, soil and food. Emergency and disaster planning, preparation, recognition and response are also emphasized. The ENVH major expands students' knowledge, comprehension and skills to prepare them for work as professionals involved with development, implementation, delivery and management of applicable focused or broad scope environmental and occupational health and safety programs. Examples of applicable programs include community and/or worker awareness education and training programs; environmental and occupational disease causation, prevention and remediation programs; hazardous non-occupational and occupational site investigation, sampling, assessment and control; and regulatory compliance and/or enforcement. ENVH professionals also have the education and training applicable to preparedness for, recognition of, and response to natural disasters and intentional terrorist events.

All ENVH majors are required to take the following 5 (15 credit hours) major specific courses. These courses are all offered at the University of Toledo. In addition, all ENVH majors are required to take 2 (6 credit hours) advised electives.

- PUBH 5020 - Occupational Health
- PUBH 5060 - Occupational Safety
- PUBH 5310 - Chemical Agents
- PUBH 5520 - Biological Agents
- PUBH 5620 - Physical Agents

## **Program of study for the master of public health: health promotion and education (HPRO)**

The curriculum for the Health Promotion and Education (HPRO) major focuses on methods for planning, implementing and evaluating educational and behavioral changes as well as programs that enhance health. Students are prepared for positions that emphasize program planning, health promotion, health education, disease prevention and social action. Graduates work in business, voluntary, non-profit and governmental agencies at the local, county, state and federal levels.

All HPRO majors are required to take the following 4 (12 credit hours) major specific courses. These courses are all offered at the University of Toledo. In addition, all HPRO majors are required to take 3 (9 credit hours) advised electives.

- PUBH 6200 - Methods and Materials in Public Health
- PUBH 6300 - Community Health Organizations
- PUBH 6460 - Health Promotion Programs
- PUBH 6800 - Evaluation of Health Programs

## **Program of study for the master in public health: public health administration (PHAD)**

The curriculum for the Public Health Administration (PHAD) major is designed to prepare students to assume administrative responsibilities in healthcare agencies, government, community organizations and private industry. The course work provides instruction in several key administrative areas. Many of the courses are similar to the required courses in a Master of Business Administration (MBA) program with the difference that the PHA major curriculum focuses on applications and issues in healthcare.

All PHAD majors are required to take the following 4 (12 credit hours) major specific courses. These courses are all offered at BG. In addition, all PHAD majors are required to take 3 (9 credit hours) advised electives.

- PUBH 6210 – Management of Public Health Agencies
- PUBH 6220 – Budget and Finance in Public Health
- PUBH 6280 - Economics, Marketing, and Human Resources
- PUBH 6350 - Public Health Law

## **Program of study for the master of public health: public health epidemiology (PHEP)**

The Public Health Epidemiology (PHEP) major prepares students for careers involving the study of the distribution of disease in large groups or from a population-based perspective. It involves factors affecting disease and disability in populations. As a fundamental science of public health and preventive medicine, epidemiology research has traditionally focused on questions of disease causation through population studies for both infectious and chronic diseases. Epidemiologists attempt to quantify the distribution and establish the determinants of health problems by describing and analyzing the biological, environmental, social and behavioral factors affecting health, illness and premature death. Descriptive and analytic techniques are used to gather information on disease occurrence, extend basic knowledge about the physical, mental and social processes affecting health, and develop effective disease-control measures. The products of such inquiries are also used in the formulation of health policies. Quantitative skills, including biostatistics and computer applications, are emphasized in this major. Epidemiologists work closely with other health professionals including physicians, environmental health personnel, behavioral scientists, demographers, biostatisticians, and administrators of health agencies. Epidemiologists often work for local, state, and federal governments, health care organizations, private industry, and institutions of higher education.

All PHEP majors are required to take the following 5 (15 credit hours) major specific courses. These courses are all offered at the University of Toledo. In addition, all PHEP majors are required to take 2 (total of 6 credit hours) advised electives.

- PUBH 6030 - Advanced Epidemiology
- PUBH 6060 - Advanced Biostatistics
- PUBH 6120 - Infectious Disease Epidemiology
- PUBH 6550 - Chronic Disease Epidemiology
- PUBH 6070 - Genetic Epidemiology or PUBH 6130 - Molecular Epidemiology

## **Program of study for the master of public health: public health nutrition (PHNU)**

Public Health Nutritionists integrate the knowledge, skills and experiences fundamental to all public health disciplines and apply this integrated knowledge to alleviate diet-related health problems among diverse population groups. Graduates will be prepared to advance knowledge regarding the role of nutrition in disease prevention and health promotion and apply this knowledge to planning, managing, delivering, and evaluating nutrition services and programs. Employment often includes health departments, federal and private food assistance programs, worksite health promotion programs, nutrition advocacy organizations, health centers and schools. An understanding of human nutrition is important to maximize the health of individuals in a diverse society that faces nutrition-related diseases of both deficiency and excess. A complete understanding of human nutrition is built on knowledge of its fundamental biological and biochemical bases. It also involves an understanding of societal, psychological, cultural and behavioral influences that affect food consumption, and therefore, human well being. Public health nutrition advances knowledge regarding the role of nutrition in disease prevention and health promotion and applies this knowledge to planning, managing, delivering and evaluating nutrition services and programs. The MPH major in public health nutrition trains students to integrate the knowledge, skills, and experience fundamental to all public health disciplines and to apply this integrated knowledge to alleviate diet-related health problems among diverse population groups. The program is designed to train professionals to assume leadership positions in assessing community-nutrition needs and in planning, directing and evaluating the nutrition component of health-promotion and disease-prevention efforts.

All PHNU majors are required to take the following 4 (12 credit hours) major specific courses. Courses are offered at both BG and the University of Toledo. In addition, all PHNU majors are required to take 3 (9 credit hours) advised electives.

- PUBH 6250 - Nutritional Epidemiology (offered at UT)
- PUBH 6520 - Public Health Nutrition (offered at UT)
- Two of the following four courses
  - FDNU 5350 - Life Cycle Nutrition: Pregnancy to Adolescence (offered at BGSU)
  - FDNU 5360 - Life Cycle Nutrition: The Middle and Later Years (offered at BGSU)
  - FDNU 6090 - Micronutrients (offered at BGSU)
  - FDNU 6100 - Macronutrients (offered at BGSU)

# Master of Science in Occupational Health Program

## Program of study for the master of science in occupational health: industrial hygiene program

The Master of Science in Occupational Health (MSOH) degree program is available in Industrial Hygiene. Industrial hygiene professionals are involved in understanding and implementing scientific, technical, and regulatory aspects that focus on preventing and controlling workers' exposures to factors and agents that can cause them harm. The profession focuses on prevention of exposure or occurrence and mitigation of factors and agents that contribute to worker harm, as work-related illnesses and injuries.

The comprehensive and flexible curriculum of the Master of Science in Occupational Health (MSOH) degree – Industrial Hygiene (IH) program provides a solid foundation of information for students with limited or no background in industrial hygiene, while simultaneously offering students with professional experience the opportunity to expand the scope of their knowledge and skills. The program offers classes during evenings and weekends to facilitate graduate study for those engaged in full-time daily employment. The schedule also permits students without applicable practical experience to complete an internship.

The MSOH degree is fully accredited by the Accreditation Board for Engineering and Technology - Applied Science Accreditation Commission (ABET-ASAC) and requires four semesters to complete as a full-time student. Part time students take approximately eight semesters to complete the program.

### Admission

Applicants are required to complete an online application, as well as submit official transcripts from all institutions where they have taken courses (transcripts from institutions from outside the US must be translated, evaluated, and reported on the 4.00 scale), 3 letters of recommendation (2 of which must be from persons with a graduate degree), a resume, and a letter of statement of purpose..

The GRE is not required for graduates from an accredited US institution with a  $GPA \geq 3.00$ . The GRE may be required by the MPH Admissions Committee for applicants with a  $GPA < 3.00$ . The GRE is required for all students graduating from institutions outside the US and for any student with a  $GPA \leq 2.7$ .

Regular admission to the MSOH program requires:

- An earned bachelor's degree from an accredited college or university
- $GPA \geq 3.00$  (on a 4.00 scale)
- Foundation courses in college-level mathematics (preferably calculus), inorganic chemistry, organic chemistry, physics, biology, and English/writing
  - Work experience based on applicability and duration and applicable certifications such as CIH or CSP will also be considered
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- TOEFL  $\geq 550$  (paper-based),  $\geq 213$  (computer-based), or  $> 79$  (iBT) for applicants who graduated from institutions outside the US and whose primary language is not English.

Provisional admission to the MSOH program may be offered with one or more of the following deficiencies:

- Missing foundation course(s)
- $GPA < 3.00$ , but  $\geq 2.7$ .

Provisional students take 4 courses (12 credits hours) in the MSOH program. No electives may be taken. Students must attain a B or better in each of these courses to be admitted as a regular status student. Any student not attaining a B or better in these 4 courses could be dismissed from the program.

### Curriculum

The MSOH degree has a minimum of 40 credit hours for degree requirements. The curriculum incorporates the general areas of science, technology, management, and communication within the context of the core courses and thesis requirements for the MSOH degree.

All MSOH students take the following courses. For those students not requiring an internship, 1 advised elective is added.

- PUBH 5020 - Occupational Health
- PUBH 5060 - Occupational Safety
- PUBH 5160 - Environmental Health
- PUBH 5260 - Hazardous Materials and Emergency Response
- PUBH 5310 - Chemical Agents
- PUBH 5410 – Hazard Control
- PUBH 5520 - Biological Agents
- PUBH 5620 - Physical Agents
- PUBH 5700 - Risk Assessment
- PUBH 6000 - Biostatistics
- PUBH 6010 - Public Health Epidemiology
- PUBH 6960 - Internship (3 credits required if < 1 year experience, otherwise 3 credits advised electives)
- PUBH 6970 - Scholarly Project *or*
- PUBH 6990 – Thesis (4 credits)

## Graduate Certificates

Six graduate certificates are available for students who do not want to commit to completing a 45 credit hour Master of Public Health or a 40 credit hour Master of Science in Occupational Health.

### Admission

Regular admission to the graduate certificates requires:

- An earned bachelor's degree from an accredited college or university
- GPA  $\geq 3.00$  (on a 4.00 scale)
- GRE is required if GPA < 2.7
- TOEFL  $\geq 550$  (paper-based),  $\geq 213$  (computer-based), or >79 (IBT) for applicants who graduated from institutions outside the US.

Provisional admission to the graduate certificates may be offered with one or more of the following deficiencies:

- GPA < 3.00, but  $\geq 2.7$

### Certificate in Biostatistics and Epidemiology

The 15 credit hours graduate Certificate in Biostatistics and Epidemiology focuses on the development of the qualitative and quantitative knowledge and skills to collect, organize, analyze, and interpret data associated with epidemiologic investigations, health surveys, injury and illness recognition, and human exposure assessment. The Certificate in Biostatistics and Epidemiology provides learners with an expanded scope and depth of quantitative knowledge and skills, as compared to the Certificate in Epidemiology. NOCPH MPH students may not take this certificate concurrently while earning the MPH.

### Curriculum

Certificate in Biostatistics and Epidemiology students take the following courses.

- PUBH 6000/8000 - Biostatistics
- PUBH 6010/8010 - Public Health Epidemiology
- PUBH 6030/8030 - Advanced Epidemiology
- PUBH 6060/8060 - Advanced Biostatistics
- PUBH 6110/8110 - Categorical Data Analysis

## Certificate in Disaster Medicine and Preparedness

Students will receive training and education related to preparing communities for and responding to any disaster. Apart from synchronous and asynchronous didactic education, the learner will participate in tabletop scenarios, functional exercises, and skill labs, taking full advantage of the University of Toledo's Jacobs Inter-professional Immersive Simulation Center. This will include weekly exercises, a live, simulated response to a tornado and triaging of victims, and hospital evacuation exercises. Students will receive online and in-person training with the Incident Command System (ICS). Additional skills will be interwoven throughout this program including patient assessment, splinting, suturing, tourniquet application, START and SALT triage, personal protective equipment (PPE) application, decontamination, and more.

The certificate's strength is its commitment to interdisciplinary education where students from the various health disciplines (e.g. medicine, physician assistant, pharmacy, nursing, EMS, PT, OT, RT, etc.) can work with public health students and where everyone can obtain a better perspective of what each discipline does and how they can form comprehensive health care teams when a disaster occurs. Minimum required credit hours for completion is 12.

### Curriculum

- PUBH 6640/8640 - Issues in Public Health
- PUBH 6500/8500 - Disaster Preparedness and Response: The Essentials
- PUBH 5260 - Hazardous Materials and Emergency Response
- PUBH 6560/8560 - Interdisciplinary Crisis Management for Medical and Public Health Professionals

## Certificate in Epidemiology

The 12 credit hours graduate Certificate in Epidemiology focuses on the development of the qualitative and quantitative knowledge and skills to collect, organize, analyze, and interpret data associated with epidemiologic investigations, health surveys, injury and illness recognition, and human exposure assessment. NOCPH MPH students may not take this certificate concurrently while earning the MPH.

### Curriculum

Certificate in Epidemiology students take the following courses.

- PUBH 6000/8000 - Biostatistics
- PUBH 6010/8010 - Public Health Epidemiology
- PUBH 6120/8120 - Infectious Disease Epidemiology
- PUBH 6550/8550 - Chronic Disease Epidemiology

## Certificate in Occupational Health

The 15 credit hours graduate Certificate in Occupational Health provides education and training focused on scientific, technical, regulatory, and administrative principles and practices for preventing and controlling worker and community exposures to physical (e.g., noise, radiation), chemical (e.g., toxic), and biological (e.g., infectious, allergenic, intoxicating) agents and ergonomic factors that can cause human illness. The profession focuses on prevention of exposure or occurrence and mitigation of factors and agents that contribute to illness and injury to workers and other members of the community. Occupational health professionals also have the education and training applicable to preparedness for, and response to natural disaster and intentional terrorist events. NOCPH MPH students may take this certificate concurrently while earning their MPH, except for ENVH majors.

## Curriculum

Certificate in Occupational Health students take the following courses.

- PUBH 5020 - Occupational Health
- PUBH 5310 - Chemical Agents
- PUBH 5410 - Air Contaminant Modeling, Ventilation, and Respiratory Protection
- PUBH 5620 - Physical Agents
- One of the following five courses
  - PUBH 5060 - Occupational Safety
  - PUBH 5160 - Environmental Health Science, Regulations, and Management
  - PUBH 5260 - Hazardous Materials and Emergency Response
  - PUBH 6000 - Biostatistics
  - PUBH 6010 - Public Health Epidemiology

## Certificate in Public Health and Emergency Response

The 12 credit hours graduate Certificate in Public Health and Emergency Response focuses on the characteristics and human health impacts of biological, chemical, and radiological agents; personal protective equipment and decontamination; site monitoring instrumentation and methods; epidemiological investigation and surveillance; and , applicable regulatory standards and recommended professional guidelines for incident recognition, response, and control. MPH students may not take this certificate concurrently while earning the MPH.

## Curriculum

Certificate in Public Health and Emergency Response students take the following courses.

- PUBH 5260 - Hazardous Materials and Emergency Response
- PUBH 6000 - Biostatistics
- PUBH 6010 - Public Health Epidemiology
- One of the following five courses
  - PUBH 5310 - Chemical Agents
  - PUBH 5520 - Biological Agents
  - PUBH 5700 - Risk Assessment, Management, and Communication
  - PUBH 6030 - Advanced Epidemiology
  - PUBH 6120 - Infectious Disease Epidemiology

## Certificate in Contemporary Gerontological Practice

*Barbara Kopp Miller, Ph.D., administrative director, Center for Successful Aging*

The Graduate Certificate in Contemporary Gerontological Practice at the University of Toledo is offered through the Center for Successful Aging and is designed to provide knowledge about contemporary issues in gerontology and geriatrics and prepare individuals for working with older adults and their families in the current interprofessional health care system.

A unique feature of the Certificate Program is the delivery system. Recognizing that individuals continually balance personal and professional responsibilities, the courses are accessible "24/7" through distance education methods. The five course curriculum is focused on meeting the educational needs of health care professionals and students through effective and innovative educational methods. Minimum credits required for the Certificate in Contemporary Gerontological Practice is 15 credits.

## Curriculum

- Semester I - Fall
- GERO 5400 - Health and Aging
- GERO 5410 - Issues in Contemporary Gerontological Practice
  
- Semester II - Spring
- GERO 5420 - Grief and Bereavement Issues in Older Adulthood
- GERO 5430 - Funding and Resource Generation for Older Adult Programming
  
- Semester III - Fall, Summer, Spring
- GERO 5440 - Guided Independent Study in Gerontological Practice
  - (Offered Fall, Spring and Summer)

## Admission

Students are admitted for fall or spring semesters. The application deadline is July 1 for fall admission and November 1 for spring admission. To be considered for admittance into the program, a candidate must:

- Hold a bachelor's degree from an accredited college or university with a minimum 3.0 undergraduate grade point average. Degrees in progress will be considered. Official transcripts are required;
- Submit two online letters of recommendation;
- Submit a completed online application and the accompanying application fee.

Only online applications through the College of Graduate Studies are accepted.

Students who are currently enrolled in a program at the University of Toledo may apply to the Graduate Certificate Program by submitting an online Request to Add a Graduate Certificate Form. Students will also need to complete a Plan of Study form. The student must be in good standing in her or her current degree. (The accompanying fee is waived.)

## Doctor of Philosophy in Health Education

The doctoral degree program in health focuses on advanced study and research in community/health education. The program prepares advanced students to contribute to the field of health through research. Although research and health courses are required, the program is individualized through selection of a cognate and elective courses to develop each student for leadership roles in universities, public service or the private health sector.

## Admission

Admission to the program includes completion of a master's degree from an accredited institution. In addition to the College of Graduate Studies requirements, evaluation of applicants is based on the following criteria:

- completion of the GRE;
- a clearly defined statement of purpose that specifies the area of specialization within the degree program;
- a minimum of three letters of reference from faculty members with specific expertise in health who have worked with the applicant in an academic setting;
- evidence of research and/or writing ability through a master's thesis, project, paper, report, publication or paper presented to a professional society will be considered;
- international applicants must submit a TOEFL score of 550 or higher

Prospective students should contact the department for further information.

## Program of Study

The program requires 12 credits of research core courses, 27 hours of specified health education courses, 12 hours from a related field to fulfill the cognate, 9 credits of approved electives based on the student's needs and interests, a portfolio, and a dissertation that contributes to the field of health education.

## Program of study for the doctor of philosophy in health education

### General Core Requirements (12 credit hours)

- HEAL 8880 Scientific Writing in Health
- RESM 8120 Quantitative Methods II
- RESM 8320 Research Design
- RESM 7330, 8130, 8160, 8350 *or* PUBH 8700 (select one)

### Required Courses (27 hours)

- HEAL 8000 Professional Issues in Health Education
- HEAL 8200 Methods and Materials in Public Health
- HEAL 8300 Community Health Organization
- HEAL 8360 Applied Survey Research in Health
- HEAL 8460 Health Promotion Programs
- HEAL 8600 Health Behavior
- HEAL 8640 Issues in Public Health
- HEAL 8800 Evaluation of Health Programs
- HEAL 8900 Grant Writing

### Elective Courses (9 hours)

Student must consult with advisor and program committee to select elective courses.

### Cognate Area (12 hours)

Student must consult with advisor and program committee to specify courses for cognate area.

### Doctoral Dissertation (10 hours)

An opportunity exists for graduate students interested in pursuing a joint OTD/PhD degree in Occupational Therapy and Health Education. This joint degree program provides occupational therapy students with the clinical practice, advocacy, leadership, research, and scholarship skills needed to pursue careers in higher education. The occupational therapy program provides detailed description of the application process and curriculum. Opportunities also exist for students to take related graduate level courses across campus that lead to certification (e.g., biostatistics and epidemiology, gerontological practice, occupational health, public health and emergency response).

## SCHOOL OF EXERCISE AND REHABILITATION SCIENCES

*RUTHIE KUCHARAWSKI, chair*

The school of exercise and rehabilitation sciences offers graduate programs leading to the master of science in exercise science (M.S.E.S.) and the doctor of philosophy in exercise science (Ph.D.) degrees. These programs involve a combination of courses, seminars, clinical experiences and research that is intended to prepare individuals for a wide range of careers that relate to exercise science. Involvement in research is emphasized throughout the program.

In the recreation professions, the master of arts in recreation and leisure studies with specializations in recreation administration or recreational therapy is available.

A dual doctoral degree program leading to the doctor of philosophy in exercise science is available for students admitted to the occupational therapy doctorate or the doctorate of physical therapy. Please see those programs which are located in school of exercise and rehabilitation sciences.

### Master of Science in Exercise Science

The school of exercise and rehabilitation sciences offers programming at the graduate level leading to the master of science in exercise science (MSES) degree. Students may choose to specialize in athletic training, biomechanics, or exercise physiology. These specializations involve a combination of courses, seminars, clinical experiences, and research that is intended to prepare individuals for a wide range of careers and advanced study in exercise science and related fields.

## Admission

- previous academic training: admitted students will typically have an undergraduate degree in exercise science or a closely related area with recommended coursework in human anatomy, physiology, exercise physiology and biomechanics
- academic record: applicants with an undergraduate GPA above 2.75 will be considered for admission; 3.0 in the last 60 hours of the undergraduate program is recommended
- scores on the Graduate Record Exam (GRE)
- letters of recommendation: three letters are required from individuals qualified to assess the individual's potential for success in graduate education, faculty members with specific expertise in kinesiology or closely related area are recommended
- area of study: all applicants must identify their intended area of study within the MSES program.

Admission is competitive. A selected number of students are admitted to each specialization program area depending on space. Goals and mission statements for the students can be found at: <http://www.utoledo.edu/hhs/exercise-science/>.

## Requirements for Athletic Training Program

Program information for the Post Professional Athletic Training Education Program can be found on our website: <http://www.utoledo.edu/hhs/athletictraining/graduate/>. Admission requirements for the academic program are as follows:

1. Graduation from a CAATE accredited professional Athletic Training Program;
2. Certification or eligibility for certification by the NATABOC;
3. Eligibility for Ohio Athletic Training licensure; and
4. Attainment of a 3.0 cumulative GPA, and a GRE score of 303 (153 verbal and 150) are preferred

Students must have verification of Hepatitis B, MMR, TDap, Varicella, 2 step PPD as well as annual intradermal test. Background checks may be required for experiences at specialized sites. Students are responsible for their own transportation to their clinical sites.

Admission does not guarantee a graduate assistantship in clinical practice, which may have additional requirements. If students desire a graduate assistant position, they must meet the requirements set for a certified and licensed Athletic Trainer (see: [www.nata.org](http://www.nata.org) and <http://otptat.ohio.gov/AthleticTrainersSection.aspx>).

## Program of study for the master of science in exercise science

The MSES program requires 36 credits to complete. A student's curriculum will include a combination of courses, seminars, independent study, and research. While many students choose to complete a thesis as part of this curriculum, a non-thesis option is available. Full-time students typically are able to complete the programs in two years.

All prospective applicants are encouraged to contact a faculty member in their area of specialization to discuss their interests and plans.

## Program of study for the master of science in exercise science: athletic training specialization (36 cr minimum)

### Required Core Courses (6 cr)

- KINE 6100 Physiology of Exercise
- KINE 6130 Biomechanics of Human Motion

### Specialization (18 cr) from

- KINE 6410 Clinical Biomechanics
- KINE 6600 Current Issues and Topics in Athletic Training
- KINE 6660 Evidence Based Practice
- KINE 6670 Pathology of Orthopedic Injury
- KINE 6680 Advanced Interventions in Athletic Training I
- KINE 6690 Advanced Interventions in Athletic Training II
- KINE 6720 Advanced Clinical Anatomy
- KINE 6990 Independent Study: Teaching Experience
- KINE 7310 Clinical Applications I

- KINE 7320 Clinical Applications II
- KINE 7330 Clinical Applications III
- KINE 7340 Clinical Applications IV

**Required Research/Capstone Experiences (12 cr)**

- KINE 5110 Measurement and Statistical Inference
- KINE 6910 Introduction to Sports Medicine Research I
- KINE 6920 Introduction to Sports Medicine Research II
- KINE 6960 Master's Thesis (6 cr minimum option)

**Program of study for the master of science in exercise science: biomechanics specialization  
(36 cr minimum)**

**Required Core Courses (6 cr)**

- KINE 6100 Physiology of Exercise
- KINE 6130 Biomechanics of Human Motion

**Specialization (18 cr) from**

- KINE 6200 Biomechanics Instrumentation
- KINE 6300 Human Locomotion
- KINE 6670 Pathomechanics of Injury
- KINE 6930 Seminar
- KINE 6990 Independent Study
- MIME 5230 Dynamics of Human Motion

**Required Research/Capstone Experiences (12 cr)**

- KINE 5100 Measurement and Statistical Inference *or*
- RESM 5110 Quantitative Statistics I
- KINE 6230 Scientific Writing and Research Methods
- KINE 6960 Master's Thesis (6 cr minimum option)

**Program of study for the master of science in exercise science: exercise physiology specialization  
(36 cr minimum)**

**Required Core Courses (6 cr)**

- KINE 6100 Physiology of Exercise
- KINE 6130 Biomechanics of Human Motion

**Specialization (18 cr)**

- KINE 6420 Cardiopulmonary Exercise Physiology
- KINE 6430 Environmental Physiology
- KINE 6440 Exercise Metabolism and Endocrinology
- KINE 6550 Laboratory Techniques
- KINE 6560 Skeletal Muscle Biology
- KINE 6930 Seminar
- KINE 6990 Independent Study

**Required Research/Capstone Experiences (9 cr)**

- KINE 5100 Measurement and Statistical Inference *or*
- RESM 5110 Quantitative Statistics I
- KINE 6960 Master's Thesis (6 cr minimum option)

**Program of study for the master of science in exercise science: non-thesis option  
(36 cr minimum)**

**Required Core Courses (6 cr)**

- KINE 6100 Physiology of Exercise
- KINE 6130 Biomechanics of Human Motion

### **Specialization (18 cr)**

- KINE 6420 Cardiopulmonary Exercise Physiology
- KINE 6430 Environmental Physiology
- KINE 6440 Exercise Metabolism and Endocrinology
- KINE 6550 Laboratory Techniques
- KINE 6560 Skeletal Muscle Biology
- KINE 6930 Seminar
- KINE 6990 Independent Study

### **Required Capstone Experiences (minimum 6 cr)**

- KINE 5100 Measurement and Statistical Inference *or*
- RESM 5110 Quantitative Statistics I
- KINE 6990 Independent Study

## **Master of Arts in Recreation and Leisure: Recreation Administration or Recreation Therapy**

The recreation and leisure studies (RLS) program offers advanced study beyond the baccalaureate level in recreation and leisure studies with emphasis in recreation administration or recreational therapy. The graduate degree offers students the ability to focus on areas of interest while obtaining skills beyond the entry level. Advanced coursework challenges the student to investigate personal philosophies as they relate to the delivery of leisure services.

### **Admission**

Students enrolling in the master of arts in recreation and leisure must meet the following minimum admission requirements for regular graduate student status:

- A bachelor's or professional degree earned from a department of approved standing and granted by an accredited college or university.
- A 2.70 or equivalent Grade Point Average (GPA) for all previous undergraduate academic work.
- Prerequisite academic work that indicates the applicant should be able to pursue effectively the master of arts in recreation and leisure studies.
- Proof of health and accident insurance.
- Satisfactory scores on the Test of English as a Foreign Language (TOEFL) if from a country where English is not the primary language.
- Provisional acceptance to the program may be considered for applicants not meeting the requirements for regular student status admission.

### **Requirements**

For the degree in recreation administration, immunizations, background checks, and a "fit for duty" test may be required by host agencies for internships. Students must provide their own transportation to internship sites. More information can be found at: [http://www.utoledo.edu/healthsciences/depts/health\\_rec/reclisure/index.html](http://www.utoledo.edu/healthsciences/depts/health_rec/reclisure/index.html)

Students in the recreation therapy program must provide verification of immunizations: Mantoux, Rubella Titer/Roseolla (MMR), Hepatitis B status as well as current CPR certification. Additional immunizations may be required by host agencies for clinicals or internships. Host agencies may also require background checks and/or "fit for duty" tests. Students must provide their own transportation to volunteer, clinical or internship sites. More information can be found at: [http://www.utoledo.edu/healthsciences/depts/health\\_rec/rectherapy/index.html](http://www.utoledo.edu/healthsciences/depts/health_rec/rectherapy/index.html)

### **Summary of Recreation and Leisure Studies Technical Standards**

Students completing the master's degree in recreation and leisure studies must possess/demonstrate the competencies needed for the provision of recreation and/or recreation therapy services at the administrative level. Students must understand the context of recreation services in contemporary society, be able to identify and adapt to the issues and trends effecting the recreation profession and the communities in which services are provided, demonstrate the ability to be effective administrative leaders and effective fiscal resource

managers, as well as demonstrate the ability to competently engage in the evaluation of programs and services. Students must also demonstrate the capacity to engage in critical thinking and effective problem solving and decision making. In addition, students must demonstrate the ability to apply the aforementioned knowledge and skills from a multicultural, inclusive, and nondiscriminatory perspective.

## **Program of study for the master of arts in recreation and leisure**

The program leading to the master's degree allows students to choose service learning projects, internships, or research activities that will prepare them for successful careers in the field. The program includes a research core, recreation core, and specific courses and electives in the student's area of concentration. A minimum of 30 credits is required for the degree with a plan of study submitted and approved during the first semester of matriculation. For further information, please contact [eric.longsdorf@utoledo.edu](mailto:eric.longsdorf@utoledo.edu).

Depending on student's goals and scheduling preference, the master's degree in the recreation and leisure concentration may be completed through a distance learning format.

### **Required Program Courses (15 Credit Hours)**

- \*RCRT 5310 Leisure Theory & Popular Culture
- \*RCRT 5320 Administration in Recreation & Recreation Therapy
- \*RCRT 5420 Research Methods in Recreation & Recreation Therapy
- \*RCRT 6000 Issues & Trends in Recreation & Recreation Therapy
- \*RCRT 6020 Financial Resources of Recreation & Recreation Therapy

\*Denotes online course availability.

### **Program Concentration**

Select one (1) of the following Options: A or B

#### **A. Recreation & Leisure (9 Credit Hours)**

Select three (3) courses from the following:

- \*RCRT 5100 Community Event Planning
- \*RCRT 5200 Planning & Promotion of Sport
- \*RCRT 5300 Inclusive Recreation & Recreation Therapy Services
- \*RCRT 5340 Leisure, Recreation & Aging
- \*RCRT 5410 Facility Planning & Design
- RCRT 5610 Adventure Programming in Recreation & Recreation Therapy
- RCRT 6990 Independent Study (Advisor Approval Required)
- 5000/6000 Level University Elective (Advisor Approval Required)

\*Denotes online course availability.

#### **B. Recreation Therapy (35 Credit Hours)**

- \*RCRT 5300 Inclusive Services
- RCRT 5640 RT Intervention: Therapeutic Groups
- RCRT 5720 Introduction to Therapeutic Recreation
- RCRT 5730 Medical & Clinical Aspects of Therapeutic Recreation
- RCRT 5760 APIE in Recreation Therapy
- RCRT 5790 Medical & Clinical Aspects of Therapeutic Recreation II
- RCRT 5810 Clinical: Psychiatric Rehabilitation
- RCRT 5830 Clinical: Geriatric
- RCRT 5870 Program Planning in Recreational Therapy

Select four (4) courses from the following:

- RCRT 5620 RT Intervention: Animal Assisted Therapy
- RCRT 5630 Intervention: Therapeutic Activities
- RCRT 5660 RT Intervention: Relaxation & Stress Management
- RCRT 5670 RT Intervention: Leisure Education
- RCRT 5680 RT Intervention: Assistive Technologies & Techniques
- RCRT 5690 RT Intervention: Aquatic Therapy
- RCRT 5860 RT Intervention: Therapeutic Fitness
- RCRT 5900 RT Intervention: Therapeutic Arts
- RCRT 5910 RT Intervention: Horticulture Therapy

Select four (4) courses from the following:

- RCRT 5800 Clinical: Physical Rehabilitation
- RCRT 5820 Clinical: Intellectual Deficit/Developmental Disability

\*Denotes online course availability.

### Capstone Option (6 Credit Hours)

Select one (1) of the following Options: A, B, or C.

#### Option A:

- RCRT 5940 Internship in Recreation & Leisure *or*
- RCRT 6940 Internship in Recreation Therapy

#### Option B:

- RCRT 6920 Master's Project in Recreation & Leisure
- Select one research/statistics course from the following:
- RESM 5110 Quantitative Methods I *or*
- SOC 5290 Social Research Statistics

#### Option C:

- RCRT 6960 Master's Thesis in Recreation & Leisure
- Select one research/statistics course from the following:
- RESM 5110 Quantitative Methods I *or*
- SOC 5290 Social Research Statistics

### Doctor of Philosophy in Exercise Science

The school of exercise and rehabilitation sciences provides qualified students with the opportunity to pursue coursework and research leading to the doctor of philosophy in exercise science. Students work closely with a faculty mentor to design a program that is consistent with the mentor's research focus and that meets the unique needs of the student. This includes courses, seminars, independent study and research, and may reflect a secondary area of specialization (cognate) that some students choose to pursue. Areas of research include: muscle physiology, cardiovascular physiology, biomechanics of human movement, sports injury and rehabilitation. Typically, graduates of this program go on to pursue careers in higher education teaching and research or post-doctoral research in areas relating to their doctoral specialization.

A unique feature of the program is the possibility for students in the university's doctorate in physical therapy and the occupational therapy doctorate programs to combine either of these programs with work leading to the completion of the doctor of philosophy in exercise science degree. This option is ideal for students who wish to pursue a career in academics and research relating to physical or occupational therapy.

## Admission

Prospective students are considered for admission to the doctoral program on the basis of the following:

- the individual's previous academic training: admitted students will typically have a master's degree in exercise science or a closely related area.
- the individual's academic record: the applicant's undergraduate and graduate academic record should demonstrate the ability for high-level scholarship.
- the applicant's scores on the Graduate Record Exam (GRE): applicants should have a combined (quantitative and verbal) GRE score above the 50 percentile and outstanding writing.
- the applicant's letters of recommendation: three letters are required from individuals qualified to assess the applicant's potential for success in doctoral education.
- the applicant's intended area of study: applicants must identify their intended area of study within the Ph.D. program and be selected as an advisee by faculty member working in that area.

Students enrolled in the first year of study in the doctor of physical therapy or the occupational therapy doctorate should apply for the doctor of philosophy in exercise science. In addition to the admission criteria above, a faculty member from the student's clinical doctoral program should provide a letter of recommendation and be willing to serve as mentor to the student.

## Program of Study

The doctor of philosophy in exercise science requires a minimum of 72 post-master's credits for completion; all students complete a dissertation as part of the degree process. Of the 72 credits, a minimum of 36 credits will be composed of coursework and an additional minimum of 36 credits will comprise dissertation. All prospective applicants should contact a faculty member in the department of kinesiology to discuss their interests and plans.

Students work closely with a faculty mentor to design a program that meets the unique needs of the individual. The program of study typically requires four years of full-time study. The dual degree program with the clinical doctoral degrees in occupational therapy and physical therapy provide a limited number of courses and competencies that meet the requirements of both degrees.

## Occupational Therapy Program

The occupational therapy program provides a sequence of coursework, field placements, and capstone experiences that culminate in the occupational therapy doctorate (OTD). The University of Toledo offered the first OTD in Ohio and the first OTD program in the nation at a public institution. The OTD program is accredited by the Accreditation Council for Occupational Therapy Education of the American Occupational Therapy Association (4720 Montgomery Lane; Suite 200; Bethesda, MD20814-3449; 301.652.2682; www.acoteonline.org). Graduates of the program will be eligible to sit for the national certification examination for the occupational therapist, administered by the National Board for Certification in Occupational Therapy (NBCOT). After successful completion of this exam, the graduate will be an occupational therapist, registered (OTR). In addition, most states require licensure to practice; however state licenses are usually based on the results of the NBCOT certification examination. A felony conviction may affect a graduate's ability to sit for the NBCOT certification examination or attain state licensure.

## Occupational Therapy Doctorate (OTD)

### Admission

Due to the sequential nature of the curriculum, matriculation to the OTD program occurs fall semester only. **Applications may be submitted after July 15<sup>th</sup> for admission the following academic year.** If you have questions, please contact us at [occtherapydoctorate@utoledo.edu](mailto:occtherapydoctorate@utoledo.edu) or 419-530-6670.

### The following criteria are used for admission:

- Bachelor degree in any field of study; minimum 3.0 GPA must be completed prior to starting the program, NOT prior to application.
- GRE with minimum mean percentile rank of 33% across all three sections. If the undergraduate GPA is 3.5 or greater, the GRE is not required. Or, if the applicant has completed a master's degree with a GPA of 3.0 or more they DO NOT need to take the GRE.

- Completion of the OT Centralized Application System (OTCAS) and payment of fee.
- Completion of The University of Toledo's OTD supplemental application and payment of fee (including the Prerequisite Completion Plan form and Writing Sample).
- Prerequisites: Applicants must receive a B- or better in all prerequisite courses. Prerequisite courses must be completed prior to starting the program, NOT prior to application:
  - Introductory Biology (3 semester or 4 quarter credits)
  - Human Anatomy and Physiology (6 semester or 8 quarter credits). Lab required, however, if Anatomy and Physiology are taken as separate courses, we require a lab for Anatomy but not Physiology.
  - Introduction to Psychology (3 semester or 4 quarter credits)
  - Abnormal Psychology (3 semester or 4 quarter credits)
  - Introduction to Sociology or Anthropology (3 semester or 4 quarter credits)
  - Medical Terminology (course or proficiency test)
  - Lifespan Human Development: You may meet this requirement by EITHER:
    - 1) obtaining a B- or better in a Lifespan Human Development course (3 semester or 4 quarter credits) that covers human development from birth to death OR
    - 2) obtaining a B- or better in both a Child Development (3 semester or 4 quarter credits) course AND a Gerontology/Psychology of Aging course (3 semester or 4 quarter credit)
- UT Writing Sample (found within The University of Toledo's OTD supplemental). This is not the same as the Personal Statement that is part of the OTCAS application.
- Three letters of recommendation (submitted through the OTCAS application only).

NOTE: You must apply via <http://portal.otcas.org> to access the OTCAS application. The University of Toledo's OTD supplemental application is available at [apply.utoledo.edu](http://apply.utoledo.edu). The OTCAS portal and UT Supplemental application opens in mid-July for each admission cycle. Refer to the UT Occupational Therapy webpage for detailed admission requirements.

## Program Requirements

The Program Technical Standards for the Occupational Therapy Doctoral Program can be found published on the program's website at <http://www.utoledo.edu/hhs/ot/program/standards.html>. Students interested in pursuing admission to the program are highly encouraged to refer to these standards in their entirety. However, a brief synopsis of the technical standards are as follows:

### Students need:

- To demonstrate sufficiently developed cognitive, emotional, motor, and written and oral communication skills to complete individual and group assignments at the graduate level including papers, exams, presentations, and demonstrations.
- To utilize interpersonal skills to successfully engage in the mentoring process and the skills necessary to independently carry out required research projects.
- To be able to cope with large bodies of diverse information (written, verbal, electronic, etc.) and changing environments in a timely fashion.
- To provide for their own transportation and for independent mobility on campus and at fieldwork placements.
- To understand the populations the occupational therapist serves and cope positively with the ramifications of disability, differences in cultures, socioeconomic status, and age. Students need to demonstrate the ability to assume responsibilities for the full spectrum of occupational therapy services including but not limited to screening, assessing, planning, treating, reassessing, discharging, and referring as appropriate in multiple settings.
- To complete training in cardiopulmonary resuscitation, to know the Center for Disease Control standards for infectious control, and to have the skills needed to respond appropriately to emergency situations in the classroom and at clinical placements.
- To have a physical examination, and specified immunizations at the student's own expense each year.
- To take the CPR course for both infants and adults at the start of the OTD program.
- To be aware that criminal record checks will be conducted on all students accepted for admission to the Occupational Therapy Doctorate Program at the student's expense.

We urge applicants to ask questions about the program's technical standards for clarification and to determine whether they can meet the requirements with or without reasonable accommodations. Such questions may be directed to the program director or the Academic Enrichment Center on campus. Revealing a disability is voluntary; however, such disclosure is necessary before any accommodations may be made in the learning environment or in the program's procedures. We handle disability-related information in a confidential manner. We expect that any student who requires accommodation to attain course objectives will notify the course instructor at the first opportunity. Reasonable accommodations will comply with the Americans with Disabilities Act and require program and institutional approvals.

## **Program of Study**

Unique features of the program include fieldwork opportunities in almost every semester, and the opportunity to complete an individualized capstone to develop specialized skills in a practice area of choice.

## **Program of Study for Occupational Therapy Doctoral Program**

Year 1 (38 credits)

Fall

- OCCT 7000 Foundations of Occupational Therapy
- OCCT 7010 Occupational Therapy Models Practice I
- OCCT 7110 Research in Occupational Therapy I
- OCCT 7210 Occupational Therapy Advocacy I
- OCCT 7310 Fieldwork & Professional Development Seminar I

Spring

- OCCT 7020 Occupational Therapy Models Practice II
- OCCT 7030 Occupational Therapy Models Practice III
- OCCT 8120 Research in Occupational Therapy II
- OCCT 7400 Conditions in Occupational Therapy
- OCCT 7320 Fieldwork & Professional Development Seminar II

Summer

- OCCT 7040 Occupational Therapy Models Practice IV
- OCCT 7220 Occupational Therapy Advocacy II
- OCCT 7330 Fieldwork & Professional Development Seminar III

Year 2 (33 credits)

Fall

- OCCT 8050 Occupational Therapy Models of Practice V
- OCCT 8060 Occupational Therapy Models of Practice VI
- OCCT 8230 Occupational Therapy Advocacy III
- OCCT 8340 Fieldwork & Professional Development Seminar IV
- OCCT 8130 Research in Occupational Therapy III

Spring

- OCCT 8070 Occupational Therapy Models Practice VII
- OCCT 8080 Occupational Therapy Models Practice VIII
- OCCT 8240 Occupational Therapy IV
- OCCT 8350 Fieldwork & Professional Development Seminar V

Summer

- OCCT 8400 Physical Agent Modalities
- OCCT 8360 Fieldwork Level II

Year 3 (24 credits)

Fall

- OCCT 8360 Fieldwork Level II (continued)
- OCCT 8370 Fieldwork Level II

Spring

- OCCT 8140 Research in Occupational Therapy IV
- OCCT 8380 Capstone Practicum
- OCCT 8900 Capstone Dissemination
- OCCT 8910 Mentored Studies in Capstone Area *or* Elective in Capstone area

**Note.** Student must complete all Level II fieldwork within 24 months following didactic portion of the program. The capstone experience must be completed with 12 months following completion of Level II fieldwork.

### **Occupational Therapy Doctorate/Doctor of Philosophy in Exercise Science**

The dual degree of occupational therapy doctorate (OTD) and doctor of philosophy (Ph.D.) in exercise science is designed to meet the growing need for occupational therapy faculty members who are prepared to conduct and mentor research. The graduates of the dual degree program will not only have the credentials but also the skills needed for successful careers in academia.

Admission to the OTD/Ph.D. is a two-step process. The first step is admission to the OTD program. See the occupational therapy doctorate section for admission requirements. In the second semester of the OTD program, the student applies for admission to the Ph.D. in exercise science. If selected for admission, the student will be officially admitted to the Ph.D. program in exercise science at the beginning of the second year in the OTD program. Students may apply up to 18 credits of their OTD program for credit in the Ph.D. program. Please contact the occupational therapy program at [occtherapydoctorate@utoledo.edu](mailto:occtherapydoctorate@utoledo.edu) or the program director for graduate exercise science program for more information on the dual degree.

### **Occupational Therapy Doctorate/Doctor of Philosophy in Health Education**

The dual degree of occupational therapy doctorate (OTD) and doctor of philosophy (Ph.D.) in health education is designed to meet the growing need for occupational therapy faculty members who are prepared to conduct and mentor research. The graduates of the dual degree program will not only have the credentials but also the skills needed for successful careers in academia.

Admission to the OTD/Ph.D. is a two-step process. The first step is to be admitted to the OTD program. See the occupational therapy doctorate section for admission requirements. During the OTD program, the student completes the second step by applying for admission to the Ph.D. in health education. Students may apply up to 18 credits of their OTD program for credit in the Ph.D. program. Please contact the occupational therapy program at [occtherapydoctorate@utoledo.edu](mailto:occtherapydoctorate@utoledo.edu) or the school of population health for more information on the dual degree.

### **Doctor of Physical Therapy Program**

The doctor in physical therapy (DPT) program at The University of Toledo is fully accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE). The degree consists of 94 credit hours spanning 36 months beyond the bachelor's degree. Upon successful completion of the doctor of physical therapy program, graduates are eligible to take the national licensure examination.

## Doctor of Physical Therapy (DPT)

**The deadline for applications for the DPT program at UT is October 1<sup>st</sup> prior to the year of anticipated matriculation** into the program (the program begins with summer enrollment).

Seven out of the ten prerequisite courses **MUST** be completed at the time of application (see list below). Since the deadline to apply to UT's DPT Program is October 1, the 7 out of 10 prerequisite courses must be completed **BEFORE** fall semester.

The University of Toledo participates in the Physical Therapist Centralized Application System (PTCAS). Please use their website to apply to our program ([www.ptcas.org](http://www.ptcas.org)).

### Admission

- Bachelor's degree from an accredited institution
- Minimum cumulative GPA of 3.3
- Minimum prerequisite GPA of 3.0
- Prerequisites include:

One course in ***each*** of the following:

Human Anatomy with lab\*  
Human Physiology with lab\*  
General Psychology  
Statistics

\*Or two course sequence in Human Anatomy and Physiology

Two (2) courses on a semester-based system in ***each*** of the following:

Biology for science majors with lab  
Chemistry for science majors with lab  
Physics (algebra-based)

- The following courses are highly recommended: Exercise Physiology with lab, Technical Writing
- Three letters of recommendation; one must be from a physical therapist and one from a professor (or employer if you are not currently a student)
- Interview
- Knowledge of the field of physical therapy
- Shadowing a physical therapist is highly recommended to obtain knowledge of the field; however, there is not a minimum number of hours of observation or shadowing required

### Criminal Background Check Policy

All incoming physical therapy students are required to complete both an Ohio BCI&I check and a FBI criminal background check. In the event that the background check report identifies a history of criminal activity, the student may be at risk for not being able to successfully complete the required clinical education requirements of the DPT program. Successful completion of all designated clinical practicums and clinical internships is a graduation requirement for a DPT degree. Further, students with a criminal background may be "at risk" for not meeting Physical Therapy licensure eligibility requirements in some states due to a felony conviction.

### Requirements

Each student, while enrolled in the didactic and clinical portions of the physical therapy curriculum, is required to complete various immunizations, titers, tests, and a physical examination each year as specified in the Student Health Form Packet in the DPT Program Student Handbook. Students are prohibited to engage in laboratory activities or to attend clinical facilities if this information is not on file for the current year. For details about program requirements, see:

[http://www.utoledo.edu/healthsciences/depts/rehab\\_sciences/pt/pdfs/StudentHandbook%202016-17FINAL.pdf](http://www.utoledo.edu/healthsciences/depts/rehab_sciences/pt/pdfs/StudentHandbook%202016-17FINAL.pdf)

It should also be noted that some clinical education sites have additional health requirements (flu shots, drug screens, etc.). When these are known in advance, the program will inform the student of any additional health requirements. However, during preparations for upcoming clinicals, the student is responsible for checking with the Clinical Coordinator for Clinical Education to determine if there are any additional health requirements. It is recommended that this process be initiated approximately 4-6 weeks prior to the start of the clinical to allow adequate time for completion of any additional health requirements. If the student does not complete the additional requirements of the clinical site, the student is prohibited from attending that facility for their clinical education experience.

All expenses incurred in obtaining a physical, necessary laboratory tests, immunizations and additional health requirements are the responsibility of the student.

## Essential Functions

The University of Toledo admits and matriculates qualified physical therapy students in accordance with the UT Policy of Nondiscrimination on the Basis of a Disability – The Americans with Disabilities Act, Section 504 of the Rehabilitation Act of 1973, The State of Ohio Revised Code, and other applicable statutes and regulations relating to equality of opportunity. UT prohibits discrimination against anyone on the basis of disability and is committed to equal access for all qualified applicants and students.

A physical therapist must have the knowledge and skills to function in a broad variety of clinical settings and to render care to a wide spectrum of patients/clients. Performing successfully as a student physical therapist involves completing significant intellectual, social and physical tasks throughout the curriculum. Students must master a broad array of basic knowledge, skills, and behaviors, including abilities in the areas of judgment, integrity, character, professional attitude and demeanor. To master these skills and behaviors, candidates/students must possess, at a minimum, abilities and skills in observation, communication, motor function, intellectual-conceptualization, behavioral and social skills. These abilities and skills comprise the categories of UT physical therapy program's 'Essential Functions of a Physical Therapy Student for Matriculation, and Graduation' which are further described and defined on the program website at

[http://www.utoledo.edu/healthsciences/depts/rehab\\_sciences/pt/pdfs/StudentHandbook%202016-17FINAL.pdf](http://www.utoledo.edu/healthsciences/depts/rehab_sciences/pt/pdfs/StudentHandbook%202016-17FINAL.pdf)

The essential functions provide information to allow a candidate to make an informed decision for application and are a guide to accommodation of students with disabilities. Academic adjustments can be made for disabilities in some instances, but a student must be able to perform the essential functions of the physical therapy program independently either with or without reasonable accommodation.

In adopting these standards, the UT physical therapy program believes it must keep in mind the ultimate safety of both students and patients who may be involved in the course of a student's education. The essential functions reflect what the physical therapy program believes are reasonable expectations for physical therapy students learning and performing patient care.

## Program of Study

This three year full-time degree includes clinical and specialty internships as well as a scholarly project.

### Program of Study for Doctor of Physical Therapy Program

#### Year 1

##### Summer

- PHYT 5000 Gross Anatomy
- PHYT 5110 Clinical Pathophysiology I

##### Fall

- PHYT 5050 Analysis of Movement
- PHYT 5120 Clinical Pathophysiology II
- PHYT 5350 Intro to Examination
- PHYT 5450 Foundations of PT
- PHYT 5750 Clinical Reasoning
- PHYT 6460 Teaching & learning

##### Spring

- PHYT 5070 Neuroscience
- PHYT 5080 Neuroscience Seminar
- PHYT 5170 Evidence Based Practice I
- PHYT 5270 Applied Exercise Physiology
- PHYT 5280 Therapeutic Interventions I
- PHYT 5300 Principles of Therapeutic Exercise
- PHYT 5850 Integrated Clinical Experience (ICE) I

#### Year 2

##### Summer

- PHYT 5020 Lifespan I
- PHYT 5180 Evidence Based Practice II
- PHYT 5290 Therapeutic Interventions II
- PHYT 5650 Pharmacology

#### Fall

- PHYT 6170 Scholarly Project I
- PHYT 6260 Cardiovascular-Pulmonary PT
- PHYT 6100 Health Promotion
- PHYT 6500 Musculoskeletal Rehab I
- PHYT 6600 Neuromuscular Rehab I
- PHYT 6050 Health Care Policy and Delivery
- PHYT 6740 Clinical Seminar I

#### Spring

- PHYT 6020 Lifespan II
- PHYT 6180 Scholarly Project II
- PHYT 6510 Musculoskeletal Rehab II
- PHYT 6610 Neuromuscular Rehab II
- PHYT 6720 Special Topics in PT
- PHYT 6750 Clinical Seminar II
- PHYT 7050 Practice Management

#### Year 3

##### Summer

- PHYT 6850 Integrated Clinical Experience (ICE) II

#### Fall

- PHYT 7100 Integrated Patient Management
- PHYT 6190 Scholarly Project III
- PHYT 6700 Professional Issues
- PHYT 7890 Internship I

#### Spring

- PHYT 7900 Internship II
- PHYT 7200 Scholarly Project IV

### **Doctor in Physical Therapy/Doctor of Philosophy in Exercise Science**

There is a significant demand for physical therapists who have attained the additional doctor of philosophy degree to serve as core faculty in academic positions to educate DPT students and to serve as physical therapists with clinical expertise and research experience to expand the knowledge base of the profession.

Admission to the DPT/PhD program is a two-step process. The first step is to be admitted to the DPT program. Students interested in being considered for the PhD in exercise science degree program in the school of exercise and rehabilitation sciences will then apply to that program prior to completion of the DPT program. This process will follow the established procedures for application to the school of exercise and rehabilitation sciences' doctoral program. If selected for admission, the student will begin the PhD program after graduation from the DPT program and may apply up to 18 credits of their DPT curriculum to their PhD plan of study.

## **SCHOOL OF INTERVENTION AND WELLNESS**

*CHRISTOPHER ROSEMAN, chair*

The school of intervention and wellness offers a master's degree and education specialist degree in school psychology, a master's degrees in counselor education with concentrations in school counseling and clinical mental health counseling, and a doctorate in counselor education. The school also offers a master's degree in speech-language pathology.

### **School Psychology**

The graduate program in school psychology meets the educational requirements for licensure in Ohio and many other states. The program is approved by the National Association of School Psychologists and accredited by the Council for the Accreditation of Educator Preparation. Both the master of arts and the education specialist degree requirements must be completed by the student to be licensed as a school psychologist in Ohio and to be a nationally certified school psychologist.

The program is designed for three years of full-time study.

## Admission

**Application deadlines for the school psychology program are December 15, February 15, and May 15.**

To apply to the program, applicants must meet the minimum academic prerequisite and submit the following materials:

- Minimum academic prerequisite: Undergraduate GPA of 2.7 (for admission to the College of Graduate Studies) and for the school psychology program, a preferred undergraduate GPA of 3.0
- GRE scores (taken within the last five years)
- College of Graduate Studies application for the master's degree in school psychology
- Three letters of recommendation, at least one of which must address the applicant's academic potential (i.e. from a university faculty member)
- Statement of purpose, between two to three pages, that details the reasons the applicant would like to pursue a career in school psychology and includes personal experiences. The statement of purpose should be typed and submitted to the College of Graduate Studies as a separate word document.
- Official undergraduate transcripts (and graduate transcripts, if applicable)
- Professional résumé

To be consistent with national training standards and to ensure sufficient faculty members to advise and mentor students, a limited number of applicants will be admitted into the program each year. As a result, admission is competitive. Applicants are required to interview with an admissions committee. Prior to participating in the campus interview, applicants must interview a school psychologist. The list of questions to ask during the school psychologist interview as well as other information about the program can be found on the program website. For more information or to ask questions, contact Jennifer L. Reynolds, Program Director, [jennifer.reynolds@utoledo.edu](mailto:jennifer.reynolds@utoledo.edu) (419-530-4301) or Sue Martin, Department Secretary, [smartin@utnet.utoledo.edu](mailto:smartin@utnet.utoledo.edu), 419-530-2718.

## Program of Study

The complete program includes approximately 76 credits, a two-semester pre-practica experience during the first year, a two-semester practica experience during the second year, and a 9-month, full-time internship (minimum of 1200 clock hours) in a school setting completed during the third year. Students earn a master of arts (M.A.) after completing a minimum of 30 hours of coursework and 100 pre-practica experience hours. The education specialist (Ed.S.) degree is earned after completion of the remaining coursework, practica experience and internship.

### Program of study for the combined masters of arts and education specialist degrees: school psychology

#### Year 1

##### Fall

- SPSY 5060 Prepractica in School Psychology
- SPSY 5030 Role and Function of School Psychologist
- SPSY 5300 Psychoed Assessment & Intervention I
- EDP 5330 Behavior Management

##### Spring

- SPSY 5060 Prepractica in School Psychology
- SPSY 5170 Consultation I
- \*SPSY 6260 Developmental Child Psychopathology
- \*EDP 5/7240 Applied Child & Adolescent Development

##### Summer

- HSHS 6000 Statistics and Research for HSHS Professions
- SPSY 5040 Legal and Ethical Issues in School Psychology

#### Year 2

##### Fall

- SPSY 5310 Psychoed Assessment & Intervention II
- SPSY 7180 Consultation II: School and Home
- SPSY 7330 Practica in School Psychology

#### Spring

- SPSY 7190 Consultation III: School and Community
- SPSY 7320 Psychoed Assessment & Intervention III
- SPSY 7330 Practica in School Psychology
- \*COUN 5/7160 Cultural Diversity

#### Summer

- \*COUN 5/7140 Counseling Theories and Techniques

#### Year 3

##### Fall

- SPSY 7940 Internship in School Psychology

##### Spring

- SPSY 7940 Internship in School Psychology

#### Summer

- SPSY 7940 Internship in School Psychology

\*Note. Students must take two of four for the M.A. degree and the remaining two courses for the Ed.S. degree.

## Counselor Education Program

The counselor education program offers a master of arts in counselor education with specializations in school counseling or clinical mental health counseling, and a doctoral degree in counselor education. All counselor education programs are nationally accredited by the Council for Accreditation of Counseling and Related Educational Programs (CACREP).

The clinical mental health counseling program prepares graduates for licensure in Ohio as professional counselors or professional clinical counselors and is approved by the Ohio Counselor, Social Worker, and Marriage & Family Therapist Board. Graduates work as counselors in community mental health agencies, hospitals, college counseling centers, or in private practice. The school counseling specialization prepares graduates to work in K-12 schools. It is accredited by the Council for Accreditation of Counseling and Related Educational Programs and is approved by the Ohio Department of Education. The master's degree in school counseling meets the academic requirements for K-12 school counselor licensure in Ohio and other states. Neither Ohio nor Michigan requires applicants to have teacher certification to be licensed as a school counselor. Applicants expecting to practice outside of Ohio or Michigan should consult that state's department of education to determine current certification or licensure requirements. The doctor of philosophy in counselor education prepares graduates as counselor educators in colleges and universities, and as counselors, supervisors or directors in agencies, or as private practitioners. The counselor education programs meet educational requirements for licensure or certification in Ohio, Michigan and most other states.

### Master of Arts in Counselor Education: School Counseling Program

#### Admission

**The application deadlines are September 15, January 15, or May 15.** To apply to the program, applicants must meet all requirements of the College of Graduate Studies and submit the following materials to the College of Graduate Studies:

- College of Graduate Studies application for the master's degree in school counseling
- Transcripts of an undergraduate degree with a 3.0 or equivalent cumulative grade point average on a 4-point scale for all undergraduate study at all institutions attended.
- An official Graduate Record Examination (GRE) score taken within the last five years is required for persons whose undergraduate GPA is below 2.7.
  - Applicants holding a doctoral degree from an accredited college or university are automatically excluded from the requirement to submit an official Graduate Record Examination score.
  - Applicants holding a master's degree from an accredited college or university and whose cumulative graduate course work meets or exceeds 3.5 on a 4.0 scale are automatically excluded from the requirement to submit an official Graduate Record Examination score.
- A typed, written personal statement (suggested length 2-3 pages) detailing significant personal and professional experiences that relate to the applicant's decision to pursue a career in counseling (e.g., rationale for seeking degree, commitment to counseling as a profession). The personal statement should also address such topics as the applicant's skills or knowledge, preparation through education and/or experience, strengths and weaknesses, rationale for academic deficiencies, etc.
- A professional résumé
- Three letters of recommendation, at least one of which must address the applicant's academic potential (i.e. from a university faculty member)

To be consistent with national training standards and to ensure sufficient faculty members to advise and mentor students, a limited number of applicants will be admitted into the program each year. As a result, admission is competitive. Applicants who pass the initial screening are required to interview with an admissions committee. For more information or to ask questions, contact Dr. Yanhong Liu, School Counseling Program Director at Yanhong.Liu@utoledo.edu (419-530-4721) or Sue Martin, School Secretary, smartin@utnet.utoledo.edu (419-530-2718).

## Program of Study

The master's degree consists of a minimum of 48 semester hours of study, including a 600 clock hour internship in a school setting. The degree is available for full-time or part-time students.

### Program of study for the master of arts in counselor education: school counseling

Year 1

Fall

- COUN 5110 Career Counseling & Development
- COUN 5120 Individual & Group Assessment
- COUN 5140 Counseling Theories & Techniques
- COUN 5150 Counseling Across the Lifespan

Spring

- COUN 5010 Prof Orientation to School Counseling
- COUN 5130 Group Counseling
- COUN 5160 Cultural Diversity for Counselors
- SPSY 5170 Consultation I

Year 2

Fall

- COUN 5190 Counseling Practicum
- SPSY 5040 Legal & Ethical Issues *or*
- SPED 5000 Issues in Special Education
- HSHS 6000 Statistics & Research for HSHS *or*
- RESM 5310 Educational Research

Spring

- COUN 6940 Counseling Internship
- Elective

Note: Many of these classes are also offered in the summer and some are offered through Distance Learning.

## School Counseling Licensure Endorsement Program

Any licensed or license-eligible professional counselor or professional clinical counselor or any student in the clinical mental health counseling program who wants school counselor licensure, but is not seeking admission to the master's degree in school counseling, must apply for admission to the school counseling licensure endorsement program. The application consists of an application form, official transcripts of graduate work in counseling, three letters of recommendation, and a personal statement clarifying the reasons the applicant wishes to become a licensed school counselor. The applicant may be required to appear for an interview. Students must be admitted to the endorsement program before they will be permitted to enroll in the required 600 clock-hour internship.

## Master of Arts in Counselor Education: Clinical Mental Health Counseling

The master's degree in the area of clinical mental health counseling is a prerequisite for licensure as a professional counselor or professional clinical counselor in Ohio and other states. It is accredited by the Council for Accreditation of Counseling and Related Educational Programs and is approved by the Ohio Counselor, Social Worker, Marriage and Family Therapist Board. This degree prepares students to work in mental health agencies, substance abuse agencies, private practice, and a wide variety of settings including hospitals, colleges, and the criminal justice system. Applicants expecting to practice outside Ohio or Michigan should consult that state's counseling board to determine current certification or licensure requirements.

### Admission

**The application deadlines are September 15, January 15, or May 15.** To apply to the program, applicants must meet all requirements of the College of Graduate Studies and submit the following materials to the College of Graduate Studies:

- College of Graduate Studies application for the master's degree in clinical mental health counseling
- Transcripts of an undergraduate degree with a 3.0 or equivalent cumulative grade point average on a 4-point scale for all undergraduate study at all institutions attended.
- An official Graduate Record Examination (GRE) score taken within the last five years is required for persons whose undergraduate GPA is below 2.7.
  - Applicants holding a doctoral degree from an accredited college or university are automatically excluded from the requirement to submit an official Graduate Record Examination score.
  - Applicants holding a master's degree from an accredited college or university and whose cumulative graduate course work meets or exceeds 3.5 on a 4.0 scale are automatically excluded from the requirement to submit an official Graduate Record Examination score.
- A typed, written personal statement (suggested length 2-3 pages) detailing significant personal and professional experiences that relate to the applicant's decision to pursue a career in counseling (e.g., rationale for seeking degree, commitment to counseling as a profession). The personal statement should also address such topics as the applicant's skills or knowledge, preparation through education and/or experience, strengths and weaknesses, rationale for academic deficiencies, etc.
- A professional résumé.
- Three letters of recommendation, at least one of which must address the applicant's academic potential (i.e. from a university faculty member).

To be consistent with national training standards and to ensure sufficient faculty members to advise and mentor students, a limited number of applicants will be admitted into the program each year. As a result, admission is competitive. Applicants who pass the initial screening are required to interview with an admissions committee. For more information or to ask questions, contact Dr. Christopher Roseman, School Counseling Program Director at [Christopher.Roseman@utoledo.edu](mailto:Christopher.Roseman@utoledo.edu) (419-530-6064) or contact Sue Martin, School Secretary, at [smartin@utnet.utoledo.edu](mailto:smartin@utnet.utoledo.edu) or 419-530-2718.

### Program of Study

The curriculum leading to the master of arts degree in counselor education with a specialization in clinical mental health counseling consists of a minimum of 60 semester hours. Applicants seeking licensure as professional counselors or professional clinical counselors in Ohio need to insure that at least 20 of their 60 semester hours of study meet the five areas of clinical practice required by the Ohio Counselor, Social Worker, and Marriage and Family Therapist Board.

### Program of study for the master of arts degree in counselor education: clinical mental health counseling

Year 1

Fall

- COUN 5020 Pro Orient Clinical Mental Health Couns
- COUN 5110 Career Counseling & Development
- COUN 5120 Individual & Group Assessment
- COUN 6240 Diagnosis & Mental Health

#### Spring

- COUN 5130 Group Counseling
- COUN 5140 Counseling Theories & Techniques
- COUN 5150 Counseling Across the Lifespan
- COUN 5160 Cultural Diversity for Counselors

#### Year 2

##### Fall

- COUN 5190 Counseling Practicum
- COUN 7540 Advanced Personality Assessment
- HSHS 6000 Statistics & Research for HSHS *or*
- RESM 5310 Educational Research
- Elective

##### Spring

- COUN 6940 Counseling Internship
- COUN 6210 Psychopathology
- Elective
- Elective

## Doctor of Philosophy in Counselor Education

The doctor of philosophy degree (Ph.D.) in counselor education prepares students for careers in community agencies, schools, colleges, universities, and private practice. Opportunities exist within this program to create areas of specialization that are relevant to the academic, professional, or research interests of the student. The program objectives and curricular experiences of the doctoral program reflect an extension of those offered in the master's programs.

### Admission

Persons applying for admission to doctoral study must meet the admission requirements of the College of Graduate Studies, the College of Health and Human Services, and the counselor education program. These requirements include an application for graduate admission, one set of official transcripts from each institution attended showing any and all undergraduate/graduate credits and degrees attained, three letters of recommendation, and a non-refundable application fee that must be submitted to the College of Graduate Studies to begin the admission process.

In addition, counselor education program requirements for admission to the doctoral program are:

- A minimum GPA of 3.5 on a 4.0-point scale for all graduate-level academic work
- A master's degree in counseling from a program that is approved by the Council for Accreditation of Counseling and Related Educational Programs (CACREP). Applicants with degrees from non-accredited programs must demonstrate their equivalency to approved programs or make up any deficiencies that may be present in their training.
- GRE scores (taken within the last five years).
- A résumé and autobiographical statement of three-to-five pages in length
- One writing sample. The writing sample consists of responses to questions about your academic and professional background and goals. The writing sample is designed to determine your writing ability and your suitability to the profession and to the doctoral program. The list of questions as well as other information about the program can be found on the program website.
- A personal interview with program faculty to determine the personal and professional suitability and leadership potential of the applicant. Applicants will be notified if they are selected for an interview.
- Three letters of recommendation, at least one of which must address the applicant's academic potential (i.e. from a university faculty member).

Applicants are interviewed and admitted to doctoral study during the fall or spring semesters of each academic year.

For more information or to ask questions, contact Dr. Madeline Clark, Doctoral Program Coordinator at [Madeline.Clark@utoledo.edu](mailto:Madeline.Clark@utoledo.edu) (419-530-4775) or Sue Martin, School Secretary, at [smartin@utnet.utoledo.edu](mailto:smartin@utnet.utoledo.edu) (419-530-2718).

## Program of Study

The curriculum leading to the doctor of philosophy degree in counselor education consists of a minimum of 60 semester hours. While the degree allows the student to focus on areas of interest, scholarly preparation resulting in a culminating research dissertation is required.

### Program of study for the Ph.D. in Counselor Education (60 Semester hours beyond Master's in Counseling)

Year 1

Fall

- COUN 7510 Supervision in Counseling & Sch Psy
- COUN 7530 Adv Theories Counseling Interventions
- RESM 8120 Quantitative Research II

Spring

- COUN 7520 Education & Leadership in MH Prof
- COUN 8410 Adv Practicum in Counseling Interventions
- RESM 7330 Qualitative Research I
- Elective

Year 2

Fall

- COUN 8940 Counseling Internship
- RESM Elective
- Elective

Spring

- COUN 8940 Counseling Internship
- COUN 7930 Doctoral Research Seminar
- COUN 8480 Adv Training Prof, Legal, Ethical
- RESM Elective

Year 3

Fall

- COUN 8960 Doctoral Research Dissertation

Spring

- COUN 8960 Doctoral Research Dissertation

## Speech-Language Pathology Program

The graduate program provides students with the necessary coursework and clinical practicum experience to attain a master of arts in speech-language pathology that is applicable toward the Certification of Clinical Competence (CCC-SLP) by the American Speech-Language-Hearing Association (ASHA) and state licensure in the area of speech-language pathology. In addition to successful completion of the master's degree requirements, the certification and licensure processes include successful completion of the national specialty examination in speech-language pathology and a clinical fellowship (professional experience year).

The graduate program in speech-language pathology is accredited by the Council of Academic Accreditation in Audiology and Speech-Language Pathology (CAA). The speech-language pathology program is dedicated to the development of competent and caring entry-level speech-language pathologists. The program is committed to providing a broad foundation of normal bases of speech, language, and hearing and specialized coursework in the assessment and remediation of speech and language disorders. The program provides coursework and practicum experiences with a diverse population to ensure that students demonstrate knowledge and skill competencies to provide services to children and adults with communication disorders.

## Master of Arts in Speech-Language Pathology

### Admission

Undergraduate students with a degree in speech-language pathology will be considered for entry into the graduate program. Students without adequate undergraduate preparation in speech-language pathology will need to complete a series of leveling courses in the major as an undergraduate with degree (UWD). The UWD program is available at the University of Toledo.

**The deadline for completed applications for enrollment in the graduate Speech-Language Pathology program is December 15 of every academic year.** Applications received after December 15 may not receive full consideration.

Applications should be made directly to the Communication Sciences and Disorders Centralized Application System ([www.CSDCAS.org](http://www.CSDCAS.org)); additionally, a supplemental application should be completed through The University of Toledo College of Graduate Studies website (<http://www.utoledo.edu/graduate/prospectivestudents/admission/index.html>).

**NOTE: It is the responsibility of the student to monitor his or her application status to insure that all required materials are posted by CSDCAS before the deadline date of December 15.** Students may work with the Communication Sciences and Disorders Centralized Application System ([www.CSDCAS.org](http://www.CSDCAS.org)) to insure that all materials are posted before the deadline, or notify the speech-language pathology program in the event that materials are lost. Similarly, students must monitor the supplemental application status to insure that all materials are posted before the deadline date of December 15. Failure to do so may result in an incomplete application that is not reviewed.

Acceptance into the ASHA accredited speech-language pathology graduate program is highly competitive. Consequently, many factors are taken into consideration when selecting an applicant for acceptance into the program. These factors include, but are not limited to:

- undergraduate preparation in the field;
- cumulative grade point average (highest consideration for  $\geq 3.5$ );
- grade point in the major (highest consideration for  $\geq 3.5$ );
- potential to successfully complete the graduate program;
- quality of references (require 3);
- personal essay (statement of purpose);
- oral and written language skills;
- interview (by invitation); and
- Graduate Record Examination (GRE)

Highest consideration will be given to those with a score above the 40th percentile on the Verbal and the Quantitative sections and a GRE writing score  $> 4.0$ . A writing score below 3.5 is not acceptable, and applications with a GRE writing score of 3.0 or below will not be considered. Students are encouraged to retake the GRE to improve their scores if they fall below the required scores.

### Requirements

Each student, while enrolled in the didactic and clinical portions of the speech-language pathology curriculum, is required to complete various immunizations, titers, tests, and a physical examination each year as specified in the Student Health Form Packet in the Speech-Language Pathology Program Student Handbook. Required immunizations include Positive MMR titers, Positive Varicella titer, Positive Hep B titer, Hep B Vaccination Series, Current Tdap, 2-step Initial TB test, and 1-step Annual TB test. All speech-language students are required to complete both an Ohio BCI&I check and an FBI criminal background check prior to participating in any clinical experiences. Students are prohibited to engaging in laboratory activities or attending clinical facilities if this information is not on file for the current year. For details, see:

[http://www.utoledo.edu/healthsciences/depts/rehab\\_sciences/speech/formsandhandbook.html](http://www.utoledo.edu/healthsciences/depts/rehab_sciences/speech/formsandhandbook.html)

It should also be noted that some clinical education sites have additional health requirements (flu shots, drug screens, etc.). All expenses incurred in obtaining a physical, necessary laboratory tests, immunizations and additional health requirements are the responsibility of the student.

## Essential Functions

The University of Toledo admits and matriculates qualified speech-language pathology students in accordance with the UT Policy of Nondiscrimination on the Basis of a Disability – The Americans with Disabilities Act, Section 504 of the Rehabilitation Act of 1973, The State of Ohio Revised Code, and other applicable statutes and regulations relating to equality of opportunity.

The Essential Functions provide information to allow a candidate to make an informed decision for application and are a guide to accommodation of students with disabilities. Academic adjustments can be made for disabilities in some instances, but a student must be able to perform the essential functions of a speech-language pathologist independently either with or without reasonable accommodation.

Many physical, behavioral and social, and cognitive and intellectual abilities are necessary for satisfactory mastery of the academic and clinical curriculum and professional responsibilities in the field of speech-language pathology. Essential physical abilities include, but are not limited to, the ability to visually monitor patient responses and materials and to make judgments about speech and acoustic signals. Examples of behavioral and social attributes include maintaining emotional and mental health necessary to use one's intellectual abilities, to promptly complete responsibilities, and to develop appropriate relationships with faculty, supervisors, staff, peers, clients, parents or caregivers, and other professionals. Essential cognitive and intellectual abilities include, among others, demonstrating the mental capacity to learn and assimilate professional information, including the ability to comprehend oral and written professional literature and reports; ability to write discipline-specific papers and clinical reports in Standard American English; ability to speak Standard American English intelligibly and to discriminate correct production of and model Standard American English phonemes, vocabulary, grammatical forms, and prosodic patterns.

We urge applicants to ask questions about the program's technical standards for clarification and to determine whether they can meet the requirements with or without reasonable accommodations. Such questions may be directed to the Program Director or the Academic Enrichment Center on campus.

## Program of Study

Students are divided into two cohort groups/tracks (Gold and Blue). While all students will graduate with the same didactic and clinical requirements, the two cohorts will go through two different sequence of courses. In addition to the academic requirements of the degree, students must enroll in graduate credits to complete multiple clinical experiences including on-campus clinical practica as well as a minimum of two externships to meet clinical requirements for certification. Students may choose between a thesis or a comprehensive examination.

The following programs of study assume no deficiencies in normal bases of speech/language/audiology requirements exist.

## The University of Toledo \* Graduate Speech-Language Pathology Program Plan of Study – Track Gold

### Year 1 (44 credits)

#### Fall

- SLP 6000 Advanced Practicum
- SLP 6020 Audiology Practicum
- SLP 6400 Adult Language and Cognitive Communication Disorders
- SLP 6100 Diagnosis of Communication Disorders
- SLP 6500 Motor Speech Disorders

#### Spring

- SLP 6001 Advanced Practicum 2
- SLP 6010 Diagnostic Practicum
- SLP 6210 Language Development and Disorders: Early Childhood through Adolescence
- SLP 6300 Articulation and Phonology
- SLP 6700 Assessment & Remediation of Fluency Disorders

Summer

- SLP 6002 Advanced Practicum 3
- SLP 6011 Diagnostic Practicum II
- SLP 6550 Trends in Technology for Communication Disorders
- SLP 6600 Voice and Resonance Disorders
- SLP 6650 Feeding and Swallowing Disorders

**Year 2 (19 credits)**

Fall

- SLP 6030 Research in Speech-Language Pathology
- SLP 6940 Internship in SLP
- SLP 6930 Seminar

Spring

- SLP 6941 Second Internship in SLP
- SLP 6800 Aural Rehabilitation

**Plan of Study – Track Blue**

Year 1 (44 credits)

Fall

- SLP 6000 Advanced Practicum
- SLP 6010 Diagnostic Practicum
- SLP 6100 Diagnosis of Communication Disorders
- SLP 6210 Language Development and Disorders: Early Childhood through adolescence
- SLP 6300 Articulation and Phonology

Spring

- SLP 6001 Advanced Practicum II
- SLP 6020 Audiology Practicum
- SLP 6400 Adult Language and Cognitive Communication Disorders
- SLP 6500 Motor Disorders

Summer

- SLP 6002
- SLP 6011 Diagnostic Practicum II
- SLP 6550 Trends in Technology for Communication Disorders
- SLP 6600 Voice and Resonance Disorders
- SLP 6700 Assessment and Remediation of Fluency

Year 2 (19 credits)

Fall

- SLP 6800 Aural Rehabilitation
- SLP 6940 Externship in SLP

Spring

- SLP 6030 Research in Speech-language Pathology
- SLP 6930 Seminar
- SLP 6941 Externship in SLP

## Certificate in Advanced Intervention for Listening and Spoken Language

The certificate in advanced intervention for listening and spoken language (HE-LICH-CRG) is designed to provide The University of Toledo speech-language pathology graduate students and working professionals, who are certified and licensed speech-language pathologists, with the knowledge and tools necessary to support listening and spoken language development of children who use advanced hearing technologies.

Graduate students accepted into The University of Toledo speech-language pathology graduate program, may enroll in the online certificate program concurrently. Graduate students take four additional online courses to earn the HE-LICH-CRG certificate along with the necessary coursework and clinical experience (including working with clients with hearing loss).

Certified and licensed speech-language pathologists, working with children who use advanced hearing technologies to develop listening and spoken language, may also enroll in the four online courses. Individuals applying for the certificate must provide verification of the Certificate of Clinical Competence awarded by the American Speech-Language-Hearing Association and appropriate state licensure, write a letter of intent, provide a letter of recommendation and support from a supervisor, and participate in an interview.

Students enrolled in the HE-LICH-CRG program will be better prepared to work with children with hearing loss and also position themselves for certification as a Listening and Spoken Language Specialist by the Alexander Graham Bell Association for the Deaf (a multi-year process).

### Curriculum

#### Spring I

- SLP 6810 Facilitating Auditory Learning & Spoken Language for Children with Hearing Loss

#### Fall I

- SLP 6820 Hearing Technology

#### Spring II

- SLP 6830 Language & Literacy Acquisition of Children with Hearing Loss

#### Summer II

- SLP 6840 Team Models and Educational Leadership

Clinical experience: The HE-LICH-CRG certificate also requires clinical experience providing listening and spoken language interventions for children who use advanced hearing technologies. This may be obtained through The University of Toledo graduate program clinical practicum and externship rotation, which includes supervision. Working professionals must arrange a mentorship to support their clinical skill development as part of the certificate program.

To learn more about the certificate in advanced intervention for listening and spoken language, interested persons should contact: Dr. Lori Pakulski at [Lori.Pakulski@utoledo.edu](mailto:Lori.Pakulski@utoledo.edu)

## SCHOOL OF SOCIAL JUSTICE

*LOIS VENTURA, chair*

The department of criminal justice, social work and legal specialties offers individual master's degrees in each of the professions.

## Criminal Justice Program

The department of criminal justice, social work and legal specialties offers a graduate program leading to a master of arts in criminal justice as well as an optional certificate in juvenile justice. In addition, the department of criminal justice, social work and legal specialties with the College of Law offers a joint degree program leading to the Master of Arts in criminal justice and the juris doctor.

### Master of Arts in Criminal Justice

The Master of Arts in criminal justice is designed to provide students with a broad understanding of the criminal justice system, social control and the nature of crime, in addition to developing and improving skills necessary to critically assess criminal justice problems and develop meaningful responses to these problems. The program also provides students with the skills to conduct applied research and evaluation, as well as the ability to understand empirical scholarly publications. The program prepares students for leadership roles in the field of criminal justice and the pursuit of criminal justice doctoral studies. The program allows a person to be either a full-time or part-time student. The program is available as a blend of land-based and online courses. **A full-time student can complete the program in one year. A student can complete the program entirely online in two years. A student can also complete the program entirely land based in two years.**

### Admission

In addition to the College of Graduate Studies and College of Health and Human Services requirements, evaluation of applicants for the criminal justice graduate program is based on the following criteria:

- application
- three letters of recommendation
- personal statement
- official transcripts
- GPA of 3.0 or above on a 4 point scale is preferred; GPA of at least 2.7 on a 4 point scale will be considered on a case-by-case basis
- Applicants with less than 2.70 must take the Graduate Record Exam (GRE)

Meeting the minimum admission requirements does not guarantee entrance into the program. Admission is competitive and is dependent on the availability of space within the program. Under special circumstances, the graduate admissions committee may choose to admit a promising applicant as a provisional student in the program.

### Program of Study

The Master of Arts in criminal justice requires a minimum of 30 semester hours including core and elective course work. Students should meet with the director of the graduate program in criminal justice to develop a plan of study which must be submitted by the end of the first semester or 12 credits hours. Any electives taken outside of criminal justice must be preapproved by the director of the graduate program in criminal justice. A student may complete a thesis or must pass a comprehensive exam to earn the degree. Within the first semester of graduate study, a student may elect to complete a thesis in lieu of 3 credit hours of elective course work.

### Program of study for the master of arts in criminal justice

Year 1

Fall

- CRIM 6590 Administration of Criminal Justice
- CRIM 5200 Data Analysis
- CRIM 6400 Research Methods
- Elective in CRIM

Spring

- CRIM 6000 Advanced Criminal Justice Theories
- \*Elective in CRIM
- \*Elective in CRIM
- \*Elective

Summer

- Elective in CRIM
- Elective

\*Note: A maximum of 18 hours of elective work must be done in graduate level courses. A maximum of 6 hours may be done in graduate level course work outside of CJ with pre-approval of the CJ graduate advisor.

## **Joint M.A. in Criminal Justice/Juris Doctor**

This program is administered jointly by the College of Law and the criminal justice program. The program is designed for students who wish to have theoretical and practical knowledge in the law and in the field of criminal justice.

### **Admissions**

- First be accepted by the University of Toledo College of Law
- Successfully complete of the first year of law school
- Be a student in good standing at the University of Toledo College of Law
- Complete an application for the master of arts in criminal justice

### **Program of Study**

To complete the master of arts in criminal justice, the student must meet the degree requirements. Six to nine hours of law courses may be applied as electives in the master of arts in criminal justice, subject to the approval of the CJ graduate advisor.

To qualify for the juris doctor degree, a student must comply with all the academic and non-academic rules of the College of Law. The student must be at least a second year law student before applying for the joint degree. Under the joint program, up to 12 semester hours taken for the Master of Arts in criminal justice may be applied toward the completion of credit hours for juris doctor degree. The student must earn a grade of B or better in those courses to be credited toward the juris doctor.

## **Social Work Program**

The school of social justice offers the professional master of social work degree (MSW). The graduate program in social work is fully accredited by the Council on Social Work Education (CSWE).

### **Master of Social Work**

The master of social work program has a strong emphasis on social and economic justice. As such, the degree has an advanced generalist concentration, preparing students to create change at all system levels, from individuals to communities. Students may select a specialization in either mental health or in child and family practice.

A 33 hour advanced standing program exists for students who meet specific criteria including a baccalaureate social work degree from an undergraduate social work program accredited by the Council of Social Work Education (CSWE). Students with related degrees will not be admitted under advanced standing status, but may be admitted to the 60 hour foundation program.

### **Admission**

In addition to the admission criteria established by the College of Graduate Studies at The University of Toledo, the applicant to the MSW program must submit

- three letters of recommendation from both employers and prior faculty members
- a personal statement that speaks to her/his commitment to social and economic justice as well as the applicant's professional goals

Additional requirements for admission to the advanced standing program include:

- a baccalaureate degree in social work from a CSWE-accredited social work program
- minimum undergraduate GPA of 3.0
- minimum GPA of 3.3 in social work courses

The personal statement and references from both employers and prior faculty members will be evaluated for a "fit" with the social work profession and our program's focus on social and economic justice. Applicants must convey their valuing of and adherence to the values and ethics of the profession. Applicants with no evidence of the above will not be admitted to the program.

The Council on Social Work Education does not permit programs to provide course credit for work experience. It is our hope that the student body of our program will include a mixture of students who have experience as well as those without extensive professional experience. We encourage diversity among the students accepted to the program. This includes diversity of gender, age, race/ethnicity, sexual orientation, ability and experience in the profession, etc. Prospective applicants are urged to review information on the program website.

## Program of Study

The complete MSW Program requires 60 semester hours for graduation, which is consistent with MSW programs across the country. Foundation (5000 level) course work is offered in the first year of the program and advanced (6000 level) course work in the second year.

Students must enroll in 16 credit hours of field education to obtain the required 900 hours required by CSWE. Six (6) of these hours are taken during the foundation year and ten (10) during the advanced year. While every effort is made to accommodate students with full-time jobs, applicants to the program must be aware that field placements primarily take place during business hours and on week days. We are unable to guarantee a night or weekend field placement.

Students who are awarded admission with advanced standing must complete 33 credit hours to obtain the MSW degree. The advanced standing program focuses on advanced generalist and specialty courses and field placements. Only courses at the 6000 level are required for the advanced standing program.

## Program of study for the foundation master of social work

### Year 1

#### Fall

- SOCW 5110 Social Work Practice I
- SOCW 5210 Micro Perspectives of HBSE
- SOCW 5330 Policy Issues & Analysis in SW
- SOCW 5010 SW Research Methods & Analysis
- SOCW 5900 Found Field Exp & Integrative Sem

#### Spring

- SOCW 5120 Social Work Practice II
- SOCW 5130 Social Work Practice III
- SOCW 5220 Macro SW Perspectives HBSE
- SOCW 6140 Advanced SW Assessment
- SOCW 5910 Foundation Field Exp & Integrative Sem II

### Year 2

#### Fall

- SOCW 6110 Advanced Generalist Practice I
- Research Elective\*
- Field of Practice – Micro
- Social Work Journal Review Seminar I
- SOCW 6900 Adv Field Exp & Integrative Seminar I

#### Spring

- SOCW 6120 Advanced Generalist Practice II
- SOCW 6130 Advanced Generalist Practice III
- Field of Practice – Mezzo-Macro
- Social Work Journal Review Seminar II
- SOCW 6910 Advanced Field Exp & Integrative Seminar II

\* Students may choose between Research Methods for Micro Social Work Practice and Research Methods for Macro Social Work Practice.

\*\* Students may choose between Social Work Practice in Mental Health, and Child and Family Social Work Practice.

\*\*\* Students may choose between Social Work Policy Issues in Mental Health, and Social Work Policy Issues In Child and Family Practice.

## Program of study for the advanced standing master of social work

### Year 1

#### Summer

- SOCW 6140 – Advanced Social Work Assessment

Fall

- Research Elective
- SOCW 6110 Advanced Generalist Practice I
- Field of Practice – Micro
- Journal Review Seminar I
- SOCW 6900 Advanced Field Experience and Integrative Seminar I

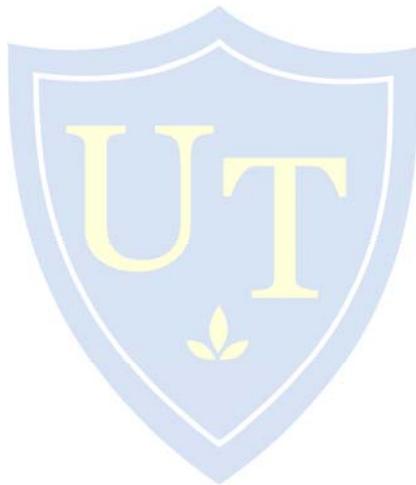
Spring

- SOCW 6120 Advanced Generalist Practice II
- SOCW 6130 Advanced Generalist Practice III
- Field of Practice – Mezzo-Macro
- Journal of Review Seminar II
- SOCW 6910 Advanced Field Experience and Integrative Seminar II

\* Students may choose between Research Methods for Micro Social Work Practice and Research Methods for Macro Social Work Practice.

\*\* Students may choose between Social Work Practice in Mental Health, and Child and Family Social Work Practice.

\*\*\* Students may choose between Social Work Policy Issues in Mental Health, and Social Work Policy Issues: Child and Family.



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