

College of Health Sciences

Graduate Programs

The College of Health Sciences offers flexible programs leading to a range of master's and doctoral degrees in both academic and professional fields. The College of Health Sciences collaborates with other colleges in the university and with the Northwest Ohio Consortium for Public Health to offer specialized degrees. All students are encouraged to discuss academic programs with graduate faculty in their respective departments.

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 Sciences 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, department, and/or program.

Previously admitted students wishing to transfer to a different program within the College of Health Sciences 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 Sciences 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 executive associate dean for academic 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 department, 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.

GRADUATE DEGREES in the College of Health Sciences

A list of degree programs offered in the the College of Health Sciences is below. To the right of each degree is the department that offers that degree program. Program descriptions are provided in the information under each department.

Master's Degree Programs

DEPARTMENT

Master of Arts in Recreation and Leisure Studies
Recreation administration
Recreational therapy

Health and Recreation Professions

Master of Arts in Speech-Language Pathology

Rehabilitation Sciences

Master of Education in School Health

Health and Recreation Profession

Master of Public Health: Health Promotion and Education Program

Health and Recreation Professions

Master of Science in Exercise Science
Applied biomechanics
Exercise physiology
Athletic training

Kinesiology

Doctoral Degree Programs

Doctor of Philosophy in Exercise Science	Kinesiology
Doctor of Philosophy in Health Education	Health and Recreation Professions
Doctor of Physical Therapy	Rehabilitation Sciences
Occupational Therapy Doctorate	Rehabilitation Sciences

HEALTH AND RECREATION PROFESSIONS

JOSEPH DAKE, chair

The department of health education and recreation professions offers a variety of degree options and graduate courses. In health, a master of education in school health education and a master of public health track in health promotion and education are available as well as the doctor of philosophy degree in health education. For students admitted to the occupational therapy doctorate, a dual doctoral degree program leading to the doctor of philosophy in health education is also available. Please see information about this dual program located in the department of rehabilitation sciences.

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

Health Education Program

The program in health education provides coursework leading to a master of education in health education, a master of public health track in health promotion and education, and a doctor of philosophy in health education.

Our various graduate programs in health education and public health are accredited by national professional associations. Those accreditations include the Society of Public Health Education (SOPHE) and the American Alliance for Health, Physical Education, and Dance/American Association for Health Education (AAHPRD/AAHE).

Master of Education in Health Education

The master of education in health education is designed to meet the needs of students interested in an advanced degree in health. First, the degree can be used to advance the education of licensed health education teachers by providing additional insight into educational cultural foundations, research foundations, curriculum, educational psychology foundations, and health content and pedagogy. Second, the program can be used for teachers who are certified in another academic area and wish to gain knowledge, experience, and licensure in health education (should licensure be desired, additional courses and advising is required). Finally, students can enroll in the master of education in health education program if they are interested in working in a related area and want to learn more about how school health education can impact the health and academic outcomes for children and adolescents.

Admission

Requirements for regular admission include:

- an undergraduate degree in a health related area (or special permission by the program);
- an application;
- three letters of recommendation;
- a personal statement;
- official transcripts with a grade point average (GPA) of at least 2.70 on a 4 point scale.

Program of Study

The master of education in health education requires a minimum of 30 credit hours. The degree includes four foundations courses, a minimum of 18 credits in health education courses including two required health educational courses, and a culminating experience.

Program of study for the master of education in health education

Foundation Requirements (12 semester hours)

Students must complete one course from each of the following foundations areas within the first 21 semester hours of course work:

- a. Psychological Foundations: EDP 5110, 5120, 5210, 5220, 5230, 55310, 5320, 5330, or 6340
- b. Research Foundations: RESM 5110, 5210, 5310, or 5330
- c. Social (Cultural) Foundations: TSOC 5100, 5110, 5200, 5210, 5230, 5300, 5400, or 5500
- d. Curriculum Foundations: CI 5870, CI 6300, CI 6810, CI 6820, CI 6830, CI 6840, HEAL 6850, or SPED 5000

Required Health Courses (6 hours)

HEAL 6500 Issues in School Health
HEAL 6600 Health Behavior

Specialty Courses (15 hours)

See advisor

Required Project/Thesis (3 hours)

HEAL 6920 Master's Research Project in Health Education OR
HEAL 6960 Master's Research Thesis in Health Education (3 hours)

Requirements for initial teacher licensure may be met as part of the master's degree with additional coursework. Students should consult their advisor for detailed information.

Master of Public Health: Health Promotion and Education Program

The master of public health (MPH) degree is offered via the Northwest Ohio Consortium for Public Health (NOCPH), a collaboration of Bowling Green State University (BGSU) and the University of Toledo (UT). The MPH program is accredited by the Council on Education for Public Health (CEPH).

The curriculum for the health promotion and education (HPE) major specialization focuses on methods for planning, implementing and evaluating programs for health promotion and health education. Students are prepared for positions that emphasize program planning, health promotion, health education, disease prevention and social action. Graduates work in business and in voluntary, non-profit and governmental agencies at local, county, state and federal levels.

Admission

Applications for the MPH program are processed on the Health Science Campus of the University of Toledo.

Applicant may qualify for "Regular Admission" if he/she satisfies all of these requirements:

- Completed bachelor degree, including foundation courses. It is expected that all applicants will have successfully completed college-level mathematics and biology and course work in the social sciences.
- GPA of at least 3.0 (or equivalent)
- TOEFL 550 (not applicable if English is applicant's primary language)
- Recommended by three references

Applicant may qualify for "Conditional Admission" if he/she has one or more of the following deficiencies:

- Must complete necessary foundation course(s)
- GPA higher than 2.7 but lower than 3.0 (or equivalent)

Program of Study

The master of public health degree requires a minimum of 45 semester credits that includes 18 credits of core courses (in the area of public health), specific courses in the health promotion and education specialization, and options for the capstone experiences.

Program of study for the master of public health, health promotion and education

Core Courses (18 semester credits)

PUBH	6000	Public Health Statistics (3) (UT – Fall)
PUBH	6010	Public Health Epidemiology (3) (UT – Spring) Prerequisite: PUBH 6000
PUBH	6040	Public Health Administration (3) (BGSU – Fall)
PUBH	6050	Concepts and Issues in Environmental Health (3) (BGSU – Summer)
PUBH	6600	Health Behavior (3) (UT – Spring) Prerequisite: PUBH 6000
PUBH	6640	Issues in Public Health (3) (UT – Fall, occasionally Spring)

Required Major Courses (12-15 semester credits depending on Major) (all courses offered at UT):

PUBH	6200	Methods and Materials in Public Health (Fall, Spring)
PUBH	6300	Community Health Organization (Fall, Spring)
PUBH	6460	Health Promotion Programs (Fall, Spring)
PUBH	6360	Evaluation of Health Programs (Fall, Spring)

Core Capstone Courses (6 semester credits)

PUBH	6850	Integrative Seminar in Public Health (3) (BGSU – Fall, Spring)
PUBH	6960	Internship in Public Health OR
PUBH	6970	Project in Public Health

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, 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).

Recreation Professions Program

Master of Arts in Recreation and Leisure: Recreation Administration or Recreational 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:

- 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.

Program of Study

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 36 credits is required for the degree with a plan of study submitted and approved when the student has enrolled in a total of 12 credit hours. For further information, please contact r.kucharewski@utoledo.edu.

Program of study for master of arts in recreation and leisure

Recreation and Recreation Therapy Core (9 Hours)

RCRT	5310	Leisure Theory and Popular Culture
RCRT	6000	Issues and Trends in Recreation and Recreational Therapy
RCRT	6020	Financial Resources of Recreation and Recreational Therapy

Specialization Area (9-12 hours)

For recreational therapy courses, pre-approval by graduate academic advisor is required.

Electives (3-6 hours)

Approved by advisor to accommodate a total of 36 hours.

NOTE: Prerequisite coursework may be required, specifically for the recreation therapy emphasis.

Research Core (Select A, B, or C from the following Culminating Research Options) (9-12 hours)

Option A: Research Culminating Experience (9 credit hours)

RCRT	5940	Internship
RCRT	5420	Leisure Program Research Techniques

Option B: Research Culminating Experience (9 credit hours)

RCRT	6920	Master's Project in Recreation & Leisure
RCRT	5420	Leisure Program Research Techniques

Select one (1) Research/Statistics course from the following:

HSHS	6000	Statistics and Research for Health Science and Human Service Professionals
RESM	5110	Quantitative Methods I
SOC	5290	Social Research Statistics
HEAL	6750	Applied Biostatistics

Option C: Research Culminating Experience_ (12 credit hours)

RCRT	6920	Master's Thesis
RCRT	5420	Leisure Program Research Techniques

Select one (1) Research/Statistics course from the following:

HSHS	6000	Statistics and Research for Health Science and Human Service Professionals
RESM	5110	Quantitative Methods I
SOC	5290	Social Research Statistics
PUBH	6750	Applied Biostatistics (3 credit hours)

KINESIOLOGY

BARRY SCHEUERMANN, chair

The department of kinesiology 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.

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 located in the Department of Rehabilitation Sciences for information.

Master of Science in Exercise Science

The department of kinesiology 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
- 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.

Program of Study

The MSES program typically 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 for Master of Science in Exercise Science with 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 6200 Biomechanics Instrumentation
KINE 6600 Current Issues in AT
KINE 6660 Evidence Based Practice
KINE 6670 Pathomechanics of Injury
KINE 6680 Interventions in AT
KINE 6930 Seminar

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 for Master of Science in Exercise Science with 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 for Master of Science in Exercise Science with Exercise Physiology Specialization (36 cr minimum)

Required Core Courses (6 cr)

KINE 6100 Physiology of Exercise
KINE 16130 Biomechanics of Human Motion

Specialization (21 cr)

KINE 6420 Cardiopulmonary Exercise Physiology
KINE 6440 Exercise Metab and Endocrinology
KINE 655- Lab 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)

Doctor of Philosophy in Exercise Science

The department of kinesiology 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.

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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 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.

REHABILITATION SCIENCES

MICHELLE MASTERSON, chair

The department of rehabilitation sciences includes master of arts program in speech-language pathology and clinical doctoral programs in occupational therapy and physical therapy. All three programs are fully accredited and prepare graduates to practice as licensed clinicians in their respective professions.

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 approved undergraduate preparation, 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 mission is to develop entry level professionals to serve children and adults with communication disorders through identification, accurate assessment, and effective treatment of the communication impairment within the broad range of the individual's daily activities.

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 to be considered for entry into the graduate program as an undergraduate with degree. The undergraduate with degree program is available for leveling courses.

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 be receive full consideration.

Applications should be made directly to the Communication Sciences and Disorders Centralized Application System (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) 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 ≥ 3.5);
- grade point in the major (highest consideration for ≥ 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 section and on the Quantitative section 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.

Program of Study

A minimum of 36 graduate hours in speech-language pathology coursework is necessary to complete the academic requirements of the degree. Additionally, students enroll in graduate credits to complete multiple clinical experiences including on-campus clinical practica as well as a minimum of two externships. Students may choose between a thesis or comprehensive examination.

Track A

	Fall Semester	Spring Semester	Summer Semester
Year 1	SLP6000 Advanced Practicum 2 SLP6020 Audiological Practicum 2 SLP6400 Adult Language and Cognitive Communication Disorders 5 SLP6500 Motor Speech Disorders 3 SLP6650 Feeding and Swallowing Disorders 3 Total 15 hours	SLP6010 Diagnostic Practicum 2 SLP6100 Diag. of Communication Disorders 3 SLP6210 Language Dev. & Disorders: Early Childhood through Adolescence 6 SLP 6550 Trends in Technology for Communication Disorders 3 SLP6700 Assess. & Rem. of Fluency Disorders 3 Total 17 hours	SLP6000 Advanced Practicum 2 SLP6010 Diagnostic Practicum 2 SLP6300:001 Articulation & Phonology 3 SLP6600:001 Voice & Resonance Disorders 4 HSHS 6000 Statistics or RESM 5110 or RESM 5310 3 Total 14 hours
Year 2	SLP6030:001 Research in SLP 3 SLP6800:001 Aural Rehabilitation 3 SLP6940 Externship in SLP 1-8 Total 7-14 hours	SLP6930:001 Clinical Methodology 3 SLP6940 Externship in SLP 1-8 Total 4-12 hours	

*This sequence assumes that no deficiencies in normal bases of speech/language/audiology requirements exist.

Track B

	Fall Semester	Spring Semester	Summer Semester
Year 1	SLP6010 Diagnostic Practicum 2 SLP6100 Diag. of Communication Disorders 3 SLP6210 Language Dev. & Disorders: Early Childhood through Adolescence 6 SLP 6550 Trends in Technology for Comm. Disorders 3 SLP6700 Assess. & Rem. of Fluency Disorders 3 Total 17 hours	SLP6000 Advanced Practicum 2 SLP6020 Audiological Practicum 2 SLP6400 Adult Language and Cognitive Communication Disorders 5 SLP6500 Motor Speech Disorders 3 SLP6650 Feeding and Swallowing Disorders 3 Total 15 hours	SLP6000 Advanced Practicum 2 SLP6010 Diagnostic Practicum 2 SLP6300:002 Articulation & Phonology 3 SLP6600:002 Voice & Resonance Disorders 4 HSHS 6000 Statistics or RESM 5110 or RESM 5310 3 Total 14 hours
Year 2	SLP6030:002 Research in SLP 3 SLP6800:002 Aural Rehabilitation 3 SLP6940 Externship in SLP 1-8 Total 7-14 hours	SLP6930:002 Clinical Methodology 3 SLP6940 Externship in SLP 1-8 Total 4-12 hours	

*This sequence assumes that no deficiencies in normal bases of speech/language/audiology requirements exist.

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) degree. 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. Graduates with the OTD are eligible to take the National Board for Certification in Occupational Therapy examination and to become licensed to practice as registered occupational therapists.

Occupational Therapy Doctorate

Admission

Due to the sequential nature of the curriculum, matriculation to the OTD program occurs fall semester only. **Applications may be submitted anytime after July 15th for admission the following academic year.** If you have questions, please contact us at 419-530-6670.

The University of Toledo participates in the centralized application service for occupational therapy (OTCAS). Please use their website to apply at <http://www.OTCAS.org>.

The following criteria are used for admission:

- Bachelor degree in any field of study with a minimum undergraduate GPA of 3.0 must be completed prior to starting the program
- GRE with minimum mean percentile rank of 33% across all three sections. If the undergraduate GPA is 3.5 or greater or if the applicant has a master's degree with a GPA of at least 3.0, the Graduate Record Examination (GRE) is not required.
- Prerequisite Courses: Biology (3 semester or 4 quarter credits). Human Anatomy and Physiology (6 semester or 8 quarter credits). 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). Lifespan human development: met by either 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 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 credits). Medical Terminology (course or competency test).
- Three letters of recommendation
- Writing sample

Program of Study

Unique features of the program include fieldwork opportunities in every semester; the opportunity to complete an individualized capstone to develop specialized skills in a practice area of choice, and the opportunity to complete a portion of required fieldwork at the Karolinska Institute in Stockholm, Sweden.

Program Sequence for Occupational Therapy Doctoral Program

	Fall Semester	Spring Semester	Summer Semester
Year 1	OCCT7000 Conceptual Framework of Therp Occup 3 OCCT7010 Occupational Therapy Models Practice I 5 OCCT7110 Research in Occupational Therapy I 4 OCCT7210 Occupational Therapy Advocacy I 2 OCCT7310 Fieldwork & Professional Dev Seminar I 1 Total 15 hours	OCCT7020 Occupational Therapy Models Practice I 5 OCCT7030 Occupational Therapy Models Practice II 4 OCCT8120 Research in Occupational Therapy II 3 OCCT7400 Conditions of Occupational Therapy 2 OCCT7320 Fieldwork & Profess Dev Seminar II 1 Total 15 hours	OCCT7040 Occupational therapy Models Practice IV 5 OCCT7220 Occupational Therapy Advocacy II 2 OCCT7330 Fieldwork & Professional Dev Seminar III 1 Total 8 hours
Year 2	OCCT8050 Occupational Therapy Models of Prac V 5 OCCT8060 Occupational Therapy Models of Prac VI 4 OCCT8230 Occupational Therapy Advocacy III 2 OCCT8340 Fieldwork & Professional Dev Seminar IV 1 OCCT8130 Research in Occupational Therapy III 3 Total 15 hours	OCCT8070 Occupational Therapy Models of Prac VII 4 OCCT8080 Occupational Therapy Models of Prac VIII 3 OCCT8240 Occupational Therapy Advocacy IV 3 OCCT8350 Fieldwork & Professional Dev Seminar V 3 Total 13 hours	OCCT8400 Physical Agent Modalities & Non-Occup Meth 2 OCCT8360 Fieldwork Level II 3 Total 5 hours

Year 3	OCCT8360 Fieldwork Level II (continued)	3	OCCT8140 Research in Occupational Therapy IV	3
	OCCT8370 Fieldwork Level II	6	OCCT8380 Capstone Practicum	6
			OCCT8900 Mentored Capstone Dissemination	3
			OCCT8910 Mentored Studies in Capstone Area	3
			or	
			Elective in Capstone area	3
	Total 9 hours		Total 15 hours	

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 octherapydoctorate@utoledo.edu or the department of kinesiology 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 octherapydoctorate@utoledo.edu or the department of health and recreation professions 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.

Doctorate of Physical Therapy

The deadline for applications for the DPT Program at UT is October 1st prior to the year of anticipated matriculation into the Program (the program begins with summer enrollment). The following courses must be completed at the time of application:

- All biology and chemistry prerequisites
- One of the physics prerequisites
- The psychology prerequisite
- One of either Human Anatomy with lab or Human Physiology with lab, or the first course in the two course sequence of Human Anatomy and Physiology

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).

Admission

- Bachelor's degree from an accredited institution
- Minimum cumulative GPA of 3.0
- 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

Program of Study

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

Program Sequence for Doctor of Physical Therapy Program

	Summer Semester (10 wks Didactic including Final)	Fall Semester (15 wks Didactic / 1 wk Final)	Spring Semester (13 wks Didactic / 1 wk Final / 2 wks Clinical)
Year 1	PHYT5000 Gross Anatomy 4 PHYT5110 Clinical Pathophysiology I 1 Total 5 hours	PHYT5050 Analysis of Movement 4 PHYT5120 Clinical Pathophysiology II 3 PHYT5350 Intro to Examination 2 PHYT5450 Foundations of PT 2 PHYT5750 Clinical Reasoning I 1 PHYT6460 Teaching & Learning 2 Total 14 hours	PHYT5070 Neuroscience 3 PHYT5080 Neuroscience Seminar 1 PHYT5170 Research Design & Measurement 2 PHYT5270 Applied Exercise Physiology 3 PHYT5280 Therapeutic Interventions I 2 PHYT5300 Principles of Therapeutic Exercise 2 PHYT5850 Clinical Practicum I 1 Total 14 Hours
	(8 wks Didactic including Final / 2 wks Clinical)	(15 wks Didactic / 1 wk Final)	(15 wks Didactic / 1 wk Final)
Year 2	PHYT5020 Lifespan I 2 PHYT5180 Applied Biostatistics 2 PHYT 5290 Therapeutic Interventions II 2 PHYT5650 Pharmacology 1 PHYT5860 Clinical Practicum II 1 Total 8 hours	PHYT6170 Scholarly Project I 2 PHYT6260 Cardiovascular-Pulmonary PT 3 PHYT 6100 Health Promotion 2 PHYT6500 Musculoskeletal Rehab I 3 PHYT6600 Neuromuscular Rehab I 3 Total 13 hours	PHYT6020 Lifespan II 2 PHYT6050 Health Care Policy & Delivery 1 PHYT6180 Scholarly Project II 2 PHYT6510 Musculoskeletal Rehab II 3 PHYT6610 Neuromuscular Rehab II 3 PHYT6720 Special Topics in PT 2 PHYT6750 Clinical Reasoning II 1 Total 14 hours
	(8 wks Clinical)	(8 wks Didactic including Final and Scholarly Project Presentation / 8 wks Clinical)	(8 wks Clinical / 8 wks Specialty Internship)
Year 3	PHYT6850 Clinical Practicum III 4 PHYT6190 Scholarly Project III 1 Total 5 hours	PHYT7050 Practice Management 2 PHYT7100 PT Mgmt of Complex Patients 3 PHYT7200 Scholarly Project IV 1 PHYT7620 Trauma Rehab 2 PHYT6700 Professional Issues 1 PHYT7890 Clinical Internship I 4 Total 13 hours	PHYT7900 Clinical Internship II 4 PHYT7990 Specialty Internship 4 Total 8 hours

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 department of kinesiology will then apply to that program prior to completion of the DPT program. This process will follow the established procedures for application to the department of kinesiology's 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.

