

College of Health Sciences

2015-2016 Graduate Catalog

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 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.

Requirements

The College of Health Sciences is committed to the health and well-being of our students and the public. Consequently, all College of Health Sciences 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 Sciences

A list of degree programs offered in the College of Health Sciences is provided 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 Public Health

Health Promotion and Education Program
(Offered through the Northwest Ohio Consortium for Public Health)

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 and recreation professions offers a variety of degree options and graduate courses.

In health, a master of public health with a specialization in health promotion and education (offered through the Northwest Ohio Consortium for Public Health) is 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 the recreation professions, the master of arts in recreation and leisure studies with specializations in recreation administration or recreational therapy is available.

Health Education Program

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

Not accepting new applicants at this time.

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 Specialization

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)
- International applicants must submit a TOEFL score of 550 or higher
- 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 program

Core Courses (18 semester credits)

PUBH 6000	Public Health Statistics (3) (UT – Fall, Spring)
PUBH 6010	Public Health Epidemiology (3) (UT – Fall, Spring) Prerequisite: PUBH 6000
PUBH 6040	Public Health Administration (3) (BGSU – Fall, Spring)
PUBH 6050	Concepts and Issues in Environmental Health (3) (BGSU – Fall, Summer)
PUBH 6600	Health Behavior (3) (UT – Fall, Spring, Summer) Prerequisite: PUBH 6000
PUBH 6640	Issues in Public Health (3) (UT – Fall, 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)
PUBH 6300	Community Health Organization (Spring)
PUBH 6460	Health Promotion Programs (Fall)
PUBH 6360	Evaluation of Health Programs (Spring)

Core Capstone Courses (6 semester credits)

PUBH	6850	Integrative Seminar in Public Health (3) (BGSU – Fall, Spring, Summer)
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, 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).

Recreation Professions Program

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:

- 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.

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

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

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

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.

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.

Program of study for Master of Arts in Recreation and Leisure

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 5620 RT Intervention: Animal Assisted Therapy
- RCRT 5630 Intervention: Therapeutic Activities
- RCRT 5640 RT Intervention: Therapeutic Groups
- 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 5720 Introduction to Therapeutic Recreation
- RCRT 5730 Medical & Clinical Aspects of Therapeutic Recreation
- RCRT 5750 Group Dynamics in Recreational Therapy

RCRT 5760 APIE in Recreation Therapy
RCRT 5790 Medical & Clinical Aspects of Therapeutic Recreation II
RCRT 5800 Clinical: Physical Rehabilitation
RCRT 5810 Clinical: Psychiatric Rehabilitation
RCRT 5820 Clinical: Intellectual Deficit/Developmental Disability
RCRT 5830 Clinical: Geriatric
RCRT 5860 RT Intervention: Therapeutic Fitness
RCRT 5870 Program Planning in Recreational Therapy
RCRT 5900 RT Intervention: Therapeutic Arts
RCRT 5910 RT Intervention: Horticulture Therapy

*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 (1) Research/Statistics course from the following:

RESM 5110 Quantitative Methods I

SOC 5290 Social Research Statistics

Option C:

RCRT 6960 Master's Thesis in Recreation & Leisure

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

RESM 5110 Quantitative Methods I

SOC 5290 Social Research Statistics

KINESIOLOGY

SUZANNE WAMBOLD, 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.

Goals and mission statements for the students can be found at:

<http://www.utoledo.edu/healthsciences/depts/kinesiology/gradatprogram/mission.html>

Requirements for Athletic Training Program

Program information for the Graduate Athletic Training Education Program can be found on our website:

<http://www.utoledo.edu/healthsciences/depts/kinesiology/gradatprogram/ProgramInfo.html>. Admission requirements for the academic program are as follows:

1. Graduation from a CAATE accredited undergraduate or entry-level master's Athletic Training education 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 900 combined score on the GRE 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 and <http://otptat.ohio.gov/AthleticTrainersSection.aspx>).

Programs of Study: Master of Science in Exercise Science

The MSES program typically requires 33 - 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 6660 Evidence Based Practice

KINE 6670 Pathomechanics of Injury

KINE 6680 Interventions in AT

KINE 6720 Anatomical Concepts

KINE 6990 Independent Study: Teaching Experience

Required Research/Capstone Experiences (12 cr)

KINE 5110 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 6130 Biomechanics of Human Motion

Specialization (18 cr)

KINE 6420 Cardiopulmonary Exercise Physiology
KINE 6440 Exercise Metabolism and Endocrinology
KINE 6550 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)

Program for Master of Science in Exercise Science: Non-thesis Option (33 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 6440 Exercise Metabolism and Endocrinology
KINE 6550 Lab 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

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.

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.

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 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); 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 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

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

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- Fewer Clinical Hours**

Year 1					
Fall		Spring		Summer	
Course	Credits	Course	Credits	Course	Credits
SLP 6000 Advanced Practicum	2	SLP 6010 Diagnostic Practicum	2	SLP 6002 Advanced Practicum 3	4
SLP 6020 Audiology Practicum	2	SLP 6001 Advanced Practicum 2	2	SLP 6550 Trends in Technology for Communication Disorders	3
SLP 6400 Adult Language and Cognitive Communication Disorders	5	SLP 6650 Feeding and Swallowing Disorders	3	SLP 6600.001 Voice and Resonance Disorders	4
SLP 6100 Diagnosis of Communication Disorders	3	SLP 6210 Language Development and Disorders: Early Childhood through Adolescence	6	SLP 6011 Diagnostic Practicum II	2
SLP 6300.001 Articulation and Phonology	3	SLP 6500 Motor Disorders	3	SLP 6700 Assessment and Remediation of Fluency Disorders	3
Total	15	Total	16	Total	16
Year 1=47 credits					
Year 2					
Fall	Credits	Spring	Credits		
SLP 6030.001 Research in Speech-Language Pathology	3	SLP 6930- Seminar	4	Year 2=26 credits	
SLP 6800.001 Aural (Re)Habilitation	3	SLP 6941: 001 Second Internship in SLP	1-8		
SLP 6940: 001 Internship in SLP	1-8				
Total	14	Total	12		

Plan of Study – Blue- More Clinical Hours

Year 1					
Fall		Spring		Summer	
Course	Credits	Course	Credits	Course	Credits
SLP 6010 Diagnostic Practicum	2	SLP 6001 Advanced Practicum II	2	SLP 6002 T	4
SLP 6000 Advanced Practicum	2	SLP 6020 Audiology Practicum	2	SLP 6011 Diagnostic Practicum II	2
SLP 6210 Language Development and Disorders: Early Childhood through Adolescence	6	SLP 6500 Motor Disorders	3	SLP 6550 Trends in Technology for Communication Disorders	3
SLP 6650 Feeding and Swallowing Disorders	3	SLP 6700 Assessment and Remediation of Fluency Disorders	3	SLP 6600.002 Voice and Resonance Disorders	4
SLP 6100 Diagnosis of Communication Disorders	3	SLP 6400 Adult Language and Cognitive Communication Disorders	5	SLP 6300.001 Articulation and Phonology	3
Totals	16		15		16
					Year 1=47 credits
Year 2					
Fall	Credits	Spring	Credits		
SLP 6030.001 Research in Speech-Language Pathology	3				
SLP 6800.001 Aural (Re)Habilitation	3	SLP 6930- Seminar	4		
SLP 6940: 001 Externship in SLP	1-8	SLP 6940: 001 Externship in SLP	1-8		
Total	14	Total	12		
					Year 2=26 credits

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).

The course sequence is as follows:

Semester	Course	Title/Description	Credits
Spring I	SLP 6810	Facilitating Auditory Learning & Spoken Language for Children with Hearing Loss	3
Fall I	SLP 6820	Hearing Technology	3
Spring II	SLP 6830	Language & Literacy Acquisition of Children with Hearing Loss	3
Summer II	SLP 6840	Team Models and Educational Leadership	3

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

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. 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 <https://portal.otcas.org/>, including a UT supplemental application.

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). 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). 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 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/healthsciences/depts/rehab_sciences/ot/program/admission.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 during August orientation prior to 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 every semester, and the opportunity to complete an individualized capstone to develop specialized skills in a practice area of choice.

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 OCCT8370 Fieldwork Level II 6 Total 9 hours	OCCT8140 Research in Occupational Therapy IV 3 OCCT8380 Capstone Practicum 6 OCCT8900 Mentored Capstone Dissemination 3 OCCT8910 Mentored Studies in Capstone Area 3 or Elective in Capstone area 3 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 occtherapydoctorate@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 occtherapydoctorate@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.

Doctor 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).

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).

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%202015-16FINAL.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%202015-16FINAL.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 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 I	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.