

Physical and Occupational Therapy

Chair and Associate Professor: Dye

Physical Therapy Program Director and Assistant Professor: Papa

Occupational Therapy Program Director and Professor: Kornblau

Associate Professors: Devine, Dye, Foley, Gerber, Jackman, Lloyd, Seiger, Thompson

Assistant Professors: Canavan, Harris, Jepson, Papa, Ralphs, Woolstenhulme

Mission Statements and Learning Outcomes

Doctor of Physical Therapy Program

Prepare entry-level physical therapists who optimize human movement and function by providing educational opportunities in practice, service, and research.

Student Learning Outcomes (SLOs) for the DPT are:

- **SLO #1** Obtain the foundational knowledge and skills to sit for the national physical therapy licensure examination required to assume roles as competent entry-level physical therapists.
- **SLO #2** Gain experience in diverse practice settings or with a variety of patient populations.
- **SLO #3** Be skilled in patient education.
- **SLO #4** Develop habits of critical reflection and self-directed learning.
- **SLO #5** Acquire professional advocacy and inter-professional collaboration skills.

Master of Occupational Therapy Program

Prepare entry-level clinicians competent to meet the diverse needs of people locally, nationally, and globally by upholding the standards of occupational therapy education. The program is committed to providing high-quality student-centered interdisciplinary education, scholarship, lifelong learning opportunities, and respect for cultural diversity.

Student Learning Outcomes (SLOs) for the MOT Program are:

- **SLO #1** Graduates will apply foundational concepts, knowledge of occupation, and reflective practice to competently practice as an occupational therapist.
- **SLO #2** As effective consumers of the scientific literature, graduates will incorporate evidence-based decision-making into their occupational practice.
- **SLO #3** Graduates will promote awareness of the impact of psycho-social issues, as part of interdisciplinary practice, on the provision and outcomes of occupational therapy in existing and emerging practice areas.
- **SLO #4** As reflective practitioners, graduates will foster self-assessment skills related to professional development and a commitment to lifelong learning.
- **SLO #5** Graduates will promote awareness of the unique challenges of occupational therapy practice and occupational participation in rural settings.
- **SLO #6** In their provision of occupational therapy services, graduates will respect, apply, and incorporate principles of diversity and cultural competence.

Degree Programs

Degree programs offered by the Department of Physical and Occupational Therapy include:

Doctor of Physical Therapy (DPT)

Master of Occupational Therapy (MOT)

Doctor of Physical Therapy

The graduate entry-level program in Physical Therapy is a professional entry-level program designed to prepare students for licensure to practice as physical therapists. The program is accredited by the Commission on Accreditation in Physical Therapy Education of the American Physical Therapy Association. The Doctor of Physical Therapy program (DPT) was granted re-accreditation status by the Commission on Accreditation in Physical Therapy Education (CAPTE) in May 2016. Prospective students having questions about the program's accreditation status should contact:

Commission on Accreditation of Physical Therapy Education (<http://www.capteonline.org/home.aspx>)

3030 Potomac Ave.,
Suite 100
Alexandria, Virginia 22305-3085
accreditation@apta.org
(703)684-2782 or (703)706-3245

Admission Requirements

All DPT Program applications are submitted through the Physical Therapy Centralized Application System (PTCAS (<http://www.ptcas.org/About/>)) system. See our Admission Requirements (<https://www.isu.edu/pt/future-students/admission-requirements/>) webpage for details. The student must also apply to and meet all criteria for admission to the Idaho State Graduate School (<https://www.isu.edu/apply/graduate/>). In addition, the following conditions must be met:

1. Completion of a bachelor's degree from a college or university accredited in the United States or its equivalent from a school in another country (must complete degree before onset of classes in PT Program of the Fall Semester in year of acceptance).
2. Grade point average of 3.0 or above on the equivalent of the most recent four full-time semesters of academic work. GPA is calculated on upper-division courses only.
3. Grade point average of 3.0 or above in each prerequisite set of science courses. Please contact the Department of Physical Therapy for clarification.
4. Applicants must take the Graduate Record Examination (GRE).
 - a. GRE must meet the following requirements to be competitive: A total combined score of at least 295 in the verbal and quantitative portions. Verbal must be at least a 148. Minimum of 4.0 on the analytical portion.
 - b. For GREs taken before August 2011 the following is required: A total combined score of at least 950 in the verbal and quantitative portions. Verbal must be at least 450. Minimum of 4.0 on the analytical portion.
 - c. Applicants whose first language is not English need to meet the following TOEFL requirements for Classified admission (**We do not accept the IELT or ELS in lieu of the TOEFL.**): i) Internet-based test (iBT): a total score of 80 with a score of at least 20 on each Section (graduate assistants who teach courses must score 23 or above on the Speaking Section) on the iBT; or ii) Computer-based test: a total score of 213 with a score of at least 21 on Section 1 (Listening Comprehension) on the computer test; or iii) Paper-based test: a total score of 550 with a score of at least 55 on Section 1 (Listening Comprehension) on the paper test or a score of 84 on the MTEFL, or a score of 6 on the IELTS.

- d. Applicants with scores lower than the requirements will not be considered.
 - e. The scores of the GRE/MAT/TOEFL must be received by the Graduate School by the application deadline (October 1) for an application to be considered. The ISU code for these three tests is: 4355.
5. At least 80 hours of salaried or voluntary experience in two or more physical therapy practice settings. Experience must be supervised and documented by licensed physical therapists. This experience must have occurred within the last five years.
 6. Three letters of recommendation. Two letters must be from licensed physical therapists under whom the student has obtained hours of experience. One letter must be from a professor.

The admissions committee reviews all applicants on a competitive case-by-case basis during any admissions cycle. Qualified applicants may be invited for a personal interview with physical therapy admissions committee. Prospective applicants should contact the department for specific descriptions of the above general requirements. Meeting entry-level requirements for admission does not guarantee a seat in the program. Admission is on a competitive basis, and a majority of the seats are offered to Idaho residents. Please contact the Department of Physical and Occupational Therapy for details or visit the program website at: <https://www.isu.edu/pt/>.

General Requirements

The curriculum is 3 years in duration and includes 4 clinical affiliations. There are 6 semesters and 2 full-time summer sessions encompassing a total of 106 credits. The clinical affiliations mandate student travel and housing with the associated living expenses borne by the student. Out-of-state travel for at least one affiliation is required.

Doctor of Physical Therapy Curriculum

First Year

Fall	Credits	Spring	Credits	Summer	Credits
PTOT 5501	4	PTOT 5502	5	PTOT 5514	3
PTOT 5512	2	PTOT 6606	3	PTOT 6608	1
BIOL 5574	5	PTOT 6618	1	PTOT 6622	3
BIOL 5586	5	PTOT 6620	3	PTOT 6623	3
PTOT 6614	2	PTOT 6621	3		
	18		15		10

Second Year

Fall	Credits	Spring	Credits	Summer	Credits
PTOT 6609	1	PTOT 6610	1	PTOT 6632	5
PTOT 6615	1	PTOT 6615	2		
PTOT 6624	3	PTOT 6619	1		
PTOT 6626	2	PTOT 6625	2		
PTOT 6631	5	PTOT 6646	3		
PTOT 6642	3	PTOT 6648	1-2		
		PTOT 6682	2		

PTOT 7715		3	
15		15-16	5
Third Year			
Fall	Credits	Spring	Credits
PTOT 6615	2	PTOT 7733	5
PTOT 6617	1	PTOT 7734	5
PTOT 6619	1		
PTOT 6648	1-2		
PTOT 6650	1		
PTOT 7711	1		
PTOT 7713	1		
PTOT 7725	4		
PTOT 7727	3		
PTOT 7728	3		
	18-19		10

Total Credits: 106-108

Degree and Licensure Requirements

Students receiving the degree of Doctor of Physical Therapy must satisfactorily complete all courses in the curriculum, prepare and present study papers on a regular basis, prepare and present a case report, attend and successfully complete all clinical affiliations, and pass a comprehensive written departmental examination. For state licensure, students must have met the degree requirements and pass the National Physical Therapy Examination administered by the Federation of State Boards of Physical Therapy.

NOTE: Admitted students should be aware that some required external clinical rotation sites will require criminal background and drug checks. In addition, students who have a record of criminal activity may have difficulty procuring a license to practice in some states after completing the program.

Grade Requirements

The Graduate School and the Department of Physical and Occupational Therapy require that an overall GPA of 3.0 be maintained in all graduate course work and all clinical affiliations must be completed with an S (satisfactory) grade. In addition, the Department of Physical and Occupational Therapy will terminate the graduate program of any student who has received grades of "B- or lower" in more than 6 credits or a maximum of two program courses. Students should consult specific departmental grading policies for specific information.

Master of Science in Athletic Training / Doctorate of Physical Therapy Dual Degree Program

Description of the Program

The MSAT/DPT dual degree program is a unique program for select students. Normally, obtaining both degrees would take a total of 5 years, but with the dual degree, the program can be completed in 4 (47 months), graduating with an MSAT and DPT degree, as well as completion of requirements to sit for the

national board examinations for both professions. Both the MSAT and DPT programs are accredited by the respective governing bodies. This program has been approved by the Idaho State Board of Education.

Admission Requirements

Applicants must be admitted to both programs (MSAT and DPT) separately. The applicant will use the normal application (PTCAS for the DPT; MSAT program application for MSAT). In addition, a letter must be submitted to both programs declaring interest in the dual degree program. Application and letter deadline is November 15th.

Once an applicant has applied and is accepted for both programs, the DPT entrance will be deferred 1 year; the first year of the program will be entirely MSAT content.

Deposits for BOTH programs would need to be made by the deadline for each program.

Awarding of Degrees

Both degrees will be awarded at the end of the entire program (47 months). The candidate will be eligible to sit for the Athletic Training Board of Certification examination during the last academic semester of the entire program and for the National Physical Therapy Examination during the final clinical semester.

Course Sequence

The MSAT sequence will consist of the first summer session and two semesters. The DPT sequence follows for six semesters plus two summer sessions.

First Year

Fall	Credits	Spring	Credits	Summer	Credits
-		-		AT 6661	4
				AT 6600	3
	0		0		7

Second Year

Fall	Credits	Spring	Credits	Summer	Credits
AT 6602	2	AT 6608	5	OPEN (internship opportunity)	
AT 6604	3	AT 6614	3		
AT 6606	5	AT 6645	3		
AT 6662	3	AT 6663	4		
	13		15		0

Third Year

Fall	Credits	Spring	Credits	Summer	Credits
PTOT 5512	2	PTOT 5501	4	PTOT 5514 or HPSS 6640	3
PTOT 5513	3	PTOT 5502	5	PTOT 6608	1
BIOL 5574	5	PTOT 6620	3	PTOT 6631	5
BIOL 5586	5	PTOT 6621	3	Genetics	2

BIOL 5586L	0	PTOT 6606 or AT 6612	3		
PTOT 6623 or AT 6610	3	PTOT 6618	1-2		
		PTOT 6616 or AT 6651	1-2		
	18		20-22		11

Fourth Year

Fall	Credits	Spring	Credits	Summer	Credits
PTOT 6617	1-2	PTOT 6616 or AT 6651	1-2	PTOT 7733	5
PTOT 6618	1-2	PTOT 6619	1-2	PTOT 6616 or AT 6651	1-2
PTOT 6622	3	PTOT 6626	2		
PTOT 6624	3	PTOT 7715	3		
PTOT 6632	5				
	13-15		7-9		6-7

Fifth Year

Fall	Credits	Spring	Credits
PTOT 6616	1-2	PTOT 7734	5
PTOT 6619	1-2	PTOT 7735	5
PTOT 7725	4	PTOT 6648	1-3
PTOT 7727	3		
PTOT 7728	3		
PTOT 6617	1-2		
	13-16		11-13

Total Credits: 134-146

Master of Occupational Therapy

The graduate entry-level program in Occupational Therapy is a professional entry-level program that prepares students to practice as licensed occupational therapists. What follows is specific information on the requirements needed to apply to the Idaho State University Master of Occupational Therapy (MOT) Program.

The occupational therapy profession uses occupation to promote well-being and health among people of all ages and abilities. Occupations are goal-directed, meaningful pursuits that occupy a person's day. Occupations include work and productive activities, self-care or care of others, and leisure/recreational activities. Occupational therapists adapt the environment, tasks, or the person, while helping each client develop new skills necessary to function in their world. Occupational therapists view every aspect of a client's life as important to his/her health.

Occupational therapy seeks to improve the quality of life for individuals who are at risk for physical, cognitive, mental, or psychosocial impairments. Demand for occupational therapy will increase to address the needs of a growing population

of aging adults, children with developmental disabilities, and people who struggle with traumatic injuries and illness. When one experiences physical or mental illness or injury, the occupational therapists step in to help the individual return to work, family roles, and their typical daily life routine.

The restorative nature of occupational therapy is extremely broad and requires individuals with an interest in the complexity of humanity and occupations. One also needs an ability to think critically and creatively and address occupational performance problems that may result from disease, trauma, mental illness, and other life disruptions. To be well prepared, a student must enter the profession with a foundation in the liberal arts, biological, physical, and social sciences.

Admission Requirements

Students can be admitted into the Master of Occupational Therapy (MOT) program by applying to and meeting all criteria for admission to the Graduate School. They must also meet the prescribed prerequisite course requirements. Students may also have the option of early pre-professional entry into the program through the established guidelines of the Bachelor of Science in Health Science, Pre-Occupational Therapy Accelerated Concentration.

During the first three years, the student develops a course of study that will meet the student's interests, university degree requirements, and Occupational Therapy Program prerequisites admission requirements. The student can apply to the BSHS program during his/her junior year. With completion of the first professional year in the OT program, the student will receive a Bachelor of Science in Health Science and will continue directly into the MOT program over the next two years. The combination of the BSHS degree with the MOT degree program creates a seamless entry into the occupational therapy profession, ensuring that all prerequisites in social, physical, and biological sciences are completed in a timely manner. For further information on the BSHS and Occupational Therapy program, contact the Department of Physical and Occupational Therapy at (208) 282-4095.

1. Applicants must complete a bachelor's degree from a college or university accredited in the U.S. or its equivalent from a school in another country. This degree may be in progress during the application process but must be completed prior to beginning OT courses in the Fall semester.
2. All applicants applying to the OT Program must also apply for admission to ISU through the Graduate School. General admissions requirements are explained in the Admissions section of the Graduate Catalog. Note: Some of the requirements for admission into the OT Program are higher than the general requirements for admission to Graduate School.
3. Applicants must have an earned grade point average (GPA) of at least 3.0 overall upper-division coursework to apply to the OT Program. A minimum of 25 upper-division credits must be completed, or in progress, by January of the year of admission for applications to be considered. Applicants with advanced degrees may use the most recent upper-division or graduate credits completed.
4. Applicants must take the Graduate Record Examinations (GRE) or Miller Analogies Test (MAT).
 - a. GRE must meet the following requirements to be competitive: A total combined score of at least 950 in the verbal and quantitative portions. Verbal must be at least 400. Minimum of 4.5 on the analytical portion.
 - b. MAT must meet the following requirements to be competitive: A total score of 390.
 - c. Applicants whose first language is not English need to meet the following TOEFL requirements for Classified admission (**We do not accept the IEI or ELS in lieu of the TOEFL**):
 - i. Internet-based test (iBT): a total score of 80 with a score of at least 20 on each Section (graduate assistants who teach courses must score 23 or above on the Speaking Section) on the iBT; or

- ii. Computer-based test: a total score of 213 with a score of at least 21 on Section 1 (Listening Comprehension) on the computer test; or
 - iii. Paper-based test: a total score of 550 with a score of at least 55 on Section 1 (Listening Comprehension) on the paper test, or a score of 84 on the MTELP, or a score of 6 on the IELTS.
 - d. Applicants with scores lower than the requirements will not be considered.
 - e. The scores of the GRE/MAT/TOEFL must be received by the Graduate School by the application deadline (December 1) for an application to be considered. The Idaho State University code for these three tests is: 4355.
5. Applicants must complete specific prerequisites courses with a GPA of 3.0 in each of the specified categories. Prerequisite coursework in anatomy and physiology must be completed within the last five (5) years. Prerequisite coursework that is ten (10) years or older may not be acceptable for admission unless approved by the Department Admissions Committee prior to application. An applicant with more than four (4) prerequisite courses in progress or planned for the spring/summer semesters may not be considered for admission. Please contact the Department of Physical and Occupational Therapy for specific information on the prerequisite coursework.
 6. Applicants must demonstrate knowledge and exposure to the occupational therapy profession. All of the required experience must be completed prior to admission to the Idaho State University OT Program. All of the experience must be completed under the direct supervision of a practicing occupational therapist and must have occurred within the last FIVE years. A total of 40 hours of experience is required and must be completed in a minimum of two different occupational therapy practices.
 7. Each applicant must submit three letters of reference with the application. One of the letters must be from the Occupational Therapist who directly supervised the volunteer or aide experience(s). Please contact the Idaho State University OT Program for additional information.
 8. Applicants meeting all of the above requirements will be given preference for admission into the program and have been more successful in gaining entry. The admissions committee reviews all applicants on a competitive case-by-case basis during any admissions cycle.

Program Accreditation

The Idaho State University Master of Occupational Therapy Program was accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA) in 2016. ACOTE can be contacted at:

6116 Executive Boulevard
Suite 200
North Bethesda, MD 20852-4929
(301) 652-AOTA
<http://www.acoteonline.org> (<http://www.acoteonline.org/>)

Graduates of the program will be eligible to sit for the national certification examination for the occupational therapist administered by the National Board for Certification in Occupational Therapy (NBCOT).

After successful completion of this exam, the individual will be an Occupational Therapist, Registered (OTR). In addition, most states require licensure in order to practice; however, state licenses are usually based on the results of the NBCOT Certification Examination. In addition, the OT program requires that all occupational therapy students complete Level II Fieldwork within 12 months following the completion of the academic component of the program.

General Requirements

The curriculum is 33 months in duration and includes 4 clinical affiliations. There are 6 semesters and 2 full-time summer sessions encompassing a total of at least 93 credits. Please contact the Department of Physical and Occupational Therapy at dpot@isu.edu for additional information regarding clinical affiliations.

First Year

Fall	Credits	Spring	Credits	Summer	Credits
BIOL 5574	5	PTOT 5501 or 5506	4	PTOT 5505	2
PTOT 5504	1	PTOT 5502	5	PTOT 5514	3
PTOT 5512	2	PTOT 5503	1	PTOT 5531	1
PTOT 5513	3	PTOT 5504	1		
PTOT 5521	3	PTOT 5522	3		
		PTOT 5542	1		
	14		15		6

Second Year

Fall	Credits	Spring	Credits	Summer	Credits
PTOT 5503	1	PTOT 5503	1	PTOT 5519	1
PTOT 5504	1	PTOT 5504	1	PTOT 5533	7
PTOT 5524	4	PTOT 5515	3		
PTOT 5525	4	PTOT 5523	2		
PTOT 5532	1	PTOT 5526	5		
PTOT 5544	1	PTOT 5546	1		
PTOT 5545	1	PTOT 6616	1		
PTOT 6616	1				
	14		14		8

Third Year

Fall	Credits	Spring	Credits
PTOT 5503	1	PTOT 5534	7
PTOT 5504	1	PTOT 6616	2
PTOT 5519	1		
PTOT 5527	3		
PTOT 5528	4		
PTOT 5547	1		
PTOT 5548	1		

PTOT 6616	1
	13
	9

Total Credits: 93

Graduation Requirements

Students receiving the Master of Occupational Therapy (MOT) degree must complete all courses in the curriculum with a minimum of 3.0 GPA, prepare and present academic study papers on a regular basis, prepare and present a professional project or case study, successfully complete all Fieldwork I and II clinical affiliations, take a comprehensive written examination, and pass a final oral examination and project defense.

Once the student has completed the degree requirements, he/she is eligible to sit for the NBCOT Certification Examination. Students are required to complete Level II Fieldwork within 12 months of completing the academic component of the program.

NOTE: Admitted students should be aware that some required external clinical rotation sites will require criminal background and drug checks. In addition, students who have a record of criminal activity may have difficulty procuring a license to practice in some states after completing the program. Students convicted of a felony may not be able to sit for the NBCOT certification examination or attain state licensure.

Courses

PTOT 5501 Clinical Kinesiology and Biomechanics: 4 semester hours.

Analysis of normal and pathological human movement in joints, posture, gait, and the vertebral column. Application of movements to therapeutic interventions is emphasized. PREREQ: Graduate student; progression in the DPT program.

PTOT 5502 Clinical Neuroscience: 5 semester hours.

Study of structure and function of the human nervous system at the cellular and systemic levels. Specific application to clinical management of neurological problems and pathology. PREREQ: Graduate student; progression in the DPT program.

PTOT 5503 Fieldwork Seminar: 1 semester hour.

Individual or group in the process and procedures of acquiring placement in fieldwork rotations in the MOT program. Will be repeated. Graded S/U. Specific, evaluated graduate-level activities and/or performances are identified in the course syllabus.

PTOT 5504 Generic Abilities: 1 semester hour.

Individual and/or group discussion, self assessment, goal setting and portfolio development related to developing and maintaining professional behaviors in occupational therapy practice. PREREQ: None. Will be repeated. Specific, evaluated graduate-level activities and/or performances are identified in the course syllabus.

PTOT 5505 Occupational Therapy Clinical Procedures: 2 semester hours.

Study and practice of theory and application of basic techniques of client evaluation, handling, and an introduction to treatment in occupational therapy. PREREQ: PTOT 5501 and BIOL 5574.

PTOT 5506 Analysis of Human Movement Through Activity: 4 semester hours.

Analysis of normal and pathological movement of the human body. Joint biomechanics, kinesiology, arthrokinematics, and osteokinematics as applied to functional activities. Specific, evaluated graduate-level activities and/or performances are identified in the course syllabus. PREREQ: Enrollment in MOT program.

PTOT 5512 Professional Communication: 2 semester hours.

Introduction to standard forms of professional communication in physical and occupational therapy and among other health care professions. Medical record-keeping and interdisciplinary communication are emphasized. PREREQ: Graduate student; progression in the DPT or OPT program.

PTOT 5513 Occupational Therapy Profession: 3 semester hours.

Historical overview of occupational therapy in health care, education and psychosocial settings. Occupational therapy process, rural human service delivery system, professionalism, ethics, and legal issues will be examined.

PTOT 5514 Research Methodology: 3 semester hours.

Application of principles of research design in the biological, psychological and social sciences. Clinical and laboratory research in occupational and physical therapy are emphasized. Preparation for professional project. PREREQ: Graduate student; progression in the DPT or MOT program.

PTOT 5515 Service Delivery of Occupational Therapy: 3 semester hours.

Application of theoretical concepts of management to the delivery of occupational therapy services. Development, implementation and outcome evaluation of community-based service delivery systems will be emphasized. PREREQ: PTOT 5522 and PTOT 5532.

PTOT 5519 Practicum: 1 semester hour.

Application of various aspects of critical thinking skills to client assessment and intervention. Reflection on and development of personal approaches to patient care. COREQ: PTOT 5533.javascript;

PTOT 5521 Self-Exploration in Occupation: 3 semester hours.

Focus on self-exploration in occupation and purposeful activity. Self-evaluation in occupational performance areas, components, and context. The student will complete a self-development plan in occupation.

PTOT 5522 Occupational Performance: 3 semester hours.

Person/occupation/environment interactions are examined from the perspective of multiple theories and models that analyze typical occupations and address performance dysfunctions. COREQ: PTOT 5542. PREREQ: PTOT 5513 and PTOT 5521.

PTOT 5523 Therapeutic Use of Self in Occupation: 2 semester hours.

Survey of historical and philosophical perspective of the therapeutic relationship and its development and implementation with individuals and groups with psychosocial dysfunction. PREREQ: PTOT 5521.

PTOT 5524 Physical Function in Occupation Performance: 4 semester hours.

The study of theory and application of occupational performance addressing function. Overview of evaluation and treatment of physical and psychosocial function in rehabilitation and orthopedic management. COREQ: PTOT 5544. PREREQ: PTOT 5501 and PTOT 5502.

PTOT 5525 Psychosocial Function in Occupation: 4 semester hours.

Theory, evaluation and intervention techniques in occupational therapy across the lifespan for persons with psychosocial dysfunction in different treatment settings. COREQ: PTOT 5545. PREREQ: PTOT 5522.

PTOT 5526 Neurological Function in Occupation: 5 semester hours.

Occupational therapy management of clients with neurological trauma, degenerative disorders, central and peripheral neural and neuromuscular dysfunction. Overview of rehabilitation approach to evaluation and treatment. COREQ: PTOT 5546. PREREQ: PTOT 5502 and PTOT 5524.

PTOT 5527 Occupation and Environmental Management: 3 semester hours.

The study and application of occupational therapy in managing environmental factors that restore function and decrease disability. COREQ: PTOT 5547. PREREQ: PTOT 5522 and PTOT 5526.

PTOT 5528 Occupation with Children and Adolescents: 4 semester hours.

Study of occupational therapy evaluations and interventions for children and adolescents who have disabling conditions that cause occupational performance problems. COREQ: PTOT 5548. PREREQ: PTOT 5526.

PTOT 5531 Clinical Affiliation I-Fieldwork I: 1 semester hour.

Fieldwork opportunities to observe occupational performance of persons served by local institutional or community-based health, educational, and human service organizations. Graded S/U. PREREQ: PTOT 5522 and PTOT 5542.

PTOT 5532 Clinical Affiliation II-Fieldwork I: 1 semester hour.

Fieldwork experiences focusing on evaluation of occupational performance dysfunction and interventions with persons served by local institutional or community-based health, educational, and human service organizations. Graded S/U. PREREQ: PTOT 5531.

PTOT 5533 Clinical Affiliation III-Fieldwork II: 7 semester hours.

An in-depth clinical fieldwork with clients having physical, psychosocial, neurological, and/or multisystem impairments/disabilities in a facility-based setting such as a hospital or rehabilitation center. Graded S/U. PREREQ: PTOT 5532.

PTOT 5534 Clinical Fieldwork IV (Level II): 7 semester hours.

An in-depth clinical fieldwork with clients having physical, psychosocial, neurological, educational or health impairments/disabilities in community-based settings. Graded S/U. PREREQ: PTOT 5533.

PTOT 5542 Occupational Performance Laboratory: 1 semester hour.

Introduction to and practice using occupation focused evaluation tools and methodologies used in analyzing, evaluating, and categorizing occupational performance. COREQ: PTOT 5522.

PTOT 5544 Physical Function in Occupation Laboratory: 1 semester hour.

Laboratory exercise designed to apply evaluation and treatment techniques used in physical and psychosocial occupational performance approach. COREQ: PTOT 5524.

PTOT 5545 Psychosocial Function in Occupation Laboratory: 1 semester hour.

Laboratory exercise designed to apply evaluation and treatment techniques in the management of psychosocial dysfunction to optimal function. The laboratory develops preclinical competency in psychosocial function across the lifespan. COREQ: PTOT 5525.

PTOT 5546 Neurological Function in Occupation Laboratory: 1 semester hour.

Designed to apply evaluation and treatment techniques to promote adaptation and optimal function. The laboratory serves to develop preclinical competency in the management of neurological disorders. COREQ: PTOT 5526.

PTOT 5547 Occupation and Environmental Management Laboratory: 1 semester hour.

Application of environmental modifications and adaptations within work, self care and recreational environments. Development, implementation and evaluation of environmental modifications to improve occupational performance. COREQ: PTOT 5527.

PTOT 5548 Occupation with Children and Adolescents Laboratory: 1 semester hour.

Laboratory exercise designed to apply evaluation and treatment techniques for children and adolescents specific to occupational performance dysfunction, adaptation and optimal function. COREQ: PTOT 5528.

PTOT 5599 Experimental Course: 1-6 semester hours.

The content of this course is not described in the catalog. Title and number of credits are announced in the Class Schedule. Experimental courses may be offered no more than three times with the same title and content. May be repeated.

PTOT 6606 Clinical Therapeutic Exercise: 3 semester hours.

Theoretical and evidence-based application of exercise for various pathological conditions. Aerobic conditioning, muscular strengthening, flexibility, balance, coordination, power and agility are discussed, demonstrated and evaluated. Specific exercise prescription, modes of exercise, and application for desired outcomes are emphasized. PREREQ: Graduate student; progression in the DPT program.

PTOT 6608 Applied Pharmacology - Musculoskeletal Emphasis: 1 semester hour.

Study of the major drug groups, therapeutic implication and side effects for drugs commonly used for musculoskeletal disorders. PREREQ: Graduate student; progression in the DPT or MOT program; or by course instructor permission.

PTOT 6609 Applied Pharmacology - Cardiopulmonary Emphasis: 1 semester hour.

Study of the major drug groups, therapeutic implication and side effects for drugs commonly used for cardiopulmonary system disorders. PREREQ: Graduate student; progression in the DPT or MOT program; or by course instructor permission.

PTOT 6610 Applied Pharmacology - Neurological Emphasis: 1 semester hour.

Study of the major drug groups, therapeutic implication and side effects for drugs commonly used for neurological system disorders. PREREQ: Graduate student; progression in the DPT or MOT program; or by course instructor permission.

PTOT 6614 Physical Therapy Fundamentals: 2 semester hours.

The introduction and practice of basic knowledge and skills needed for physical therapy practice and management. PREREQ: Graduate student; acceptance in the DPT Program.

PTOT 6615 DPT Capstone Project: 1-2 semester hours.

This is a three phase, progressive series of courses. Capstone Phase 1 (1 credit) requires the study and write up of a clinical pathology. Capstone Phase 2 (2 credit) presents case report design process education, healthcare advocacy, and legal professional concerns. Capstone Phase 3 (2 credits) includes national board examination preparation, case report development requiring the in-depth study, development, reporting and presentation of a comprehensive patient case with an emphasis on the clinical reasoning and decision-making related to the entire patient care process.

PTOT 6616 MOT Professional Project: 1-2 semester hours.

In-depth study of treatment, administrative, or education problem in occupational therapy. Preparation and public presentation of a publishable product is required. May be repeated for up to 6 credits. A minimum of 4 credits is required. Graded S/U. PREREQ: PTOT 5514.

PTOT 6617 Research Practicum: 1-2 semester hours.

Faculty supervised clinical, basic or applied research project which may include review of literature preparation, proposal development, data collection, and manuscript preparation. May be repeated up to 4 credits. Graded S/U. PREREQ: Graduate student; progression in the DPT program.

PTOT 6618 Practicum I: 1-2 semester hours.

Supervised clinical experience in physical therapy. May be repeated up to 4 credits. Graded S/U. PREREQ: PTOT 6621 and PTOT 6641.

PTOT 6619 Practicum II: 1-2 semester hours.

Supervised clinical experience in physical therapy. May be repeated for up to 4 credits. Graded S/U. PREREQ: PTOT 6618.

PTOT 6620 Clinical Procedures: 3 semester hours.

Study and practice of theory and application of basic techniques of patient evaluation, handling, and treatment in physical therapy. PREREQ: Graduate student, progression in the DPT program.

PTOT 6621 Musculoskeletal System Management 1 (upper extremity): 3 semester hours.

Orthopedic and manual physical therapy evaluation, treatment, and management of upper extremity conditions including muscle, skeletal, and connective tissue pathologies. Lab/Lecture course with video and web supplementation.

PTOT 6622 Musculoskeletal System Management 2 (lower extremity): 3 semester hours.

Orthopedic and manual physical therapy evaluation, treatment, and management of lower extremity conditions including muscle, skeletal, and connective tissue pathologies. Lab/Lecture course with video and web supplementation.

PTOT 6623 Biophysical Agents Theory and Application: 3 semester hours.

Study of theory and therapeutic uses of biophysical agents with practice of application designed to develop clinical competence in the use of biophysical agents in the treatment of patients with specific pathologies and conditions

PTOT 6624 Cardiac and Pulmonary Systems Management: 3 semester hours.

Physical therapy evaluation and management of persons with dysfunction of the cardiac and/or pulmonary systems and related pathologies. Principles and workings of acute care settings in physical therapy. Management by other health professional team members. PREREQ: Graduate student, progression in the DPT program.

PTOT 6625 Cardiac and Pulmonary System Management II: 2 semester hours.

Physical therapy management of persons with increased criticality of dysfunction of the cardiac and/or pulmonary systems and related pathologies. Emphasis on pulmonary systems and interaction with other body systems. PREREQ: Graduate student, progression in the DPT program.

PTOT 6626 Neurological Systems Management: 2 semester hours.

Physical therapy management of patients with central and peripheral neural and neuromuscular dysfunctions from traumatic causes. PREREQ: Graduate student, progression in the DPT program.

PTOT 6631 Clinical Affiliation I: 5 semester hours.

Clinical management practicum related to orthopedics, general medicine, and/or cardiopulmonary problems in a variety of clinical settings. Graded S/U. PREREQ: Graduate student; progression in the DPT program.

PTOT 6632 Clinical Affiliation II: 5 semester hours.

Clinical management practicum related to patients with orthopedic, neurological and multisystem problems. Graded S/U. PREREQ: Graduate student; progression in the DPT program.

PTOT 6642 Musculoskeletal System Management 1 (spine): 3 semester hours.

Orthopedic and manual physical therapy evaluation, treatment, and management of spinal conditions including muscle, skeletal, and connective tissue pathologies. Lab/Lecture course with video and web supplementation.

PTOT 6646 Neurological Systems Management Lab: 3 semester hours.

Physical therapy management of patients with central and peripheral neural and neuromuscular dysfunctions from acquired neurological conditions. PREREQ: Graduate student, progression in the DPT program.

PTOT 6648 Graduate Special Topics: 1-3 semester hours.

Individual or group critical analysis and study of a specific area of physical therapy patient management, administration, or research. May be repeated. PREREQ: 2nd year students and/or permission of instructor.

PTOT 6650 Diagnostic Imaging for Rehabilitation Professionals: 1 semester hour.

This course will introduce the rehabilitation to the basics of medical diagnostic imaging. Students will learn the basic production, evaluation, and integration of medical imaging. The focus of the course is on the understanding the standard x-ray film series for the spine and extremity joints, with specific applications of bone scans and MRI. It employs a systematic, practical approach and calls for class participation in the analysis of some films. Lecture course with video and web supplementation. PREREQ: graduate student, progression in the DPT program or permission of instructor.

PTOT 6681 Theories and Resources to Guide Clinical Decision Making in Physical Therapy: 3 semester hours.

Study and application of applying evidence in physical therapy practice. The Guide to PT Practice, Physical Therapy differential diagnosis, and legal and ethical considerations will be addressed.

PTOT 6682 Promoting Behavioral Change in Physical Therapist Practice: 2 semester hours.

Study of the theories of learning, compliance, and behavior modification as related to the application of prevention and wellness in physical therapy practice. PREREQ: PTOT 6681.

PTOT 6693 Contemporary Musculo-Skeletal System Management for Physical Therapists: 2 semester hours.

Applying evidence and elements of accepted practice to PT management of patients across the lifespan with musculoskeletal diagnoses. PREREQ: PTOT 6682.

PTOT 6694 Contemporary Cardiopulmonary System Management for Physical Therapists: 2 semester hours.

Applying evidence and elements of accepted practice to PT management of patients across the lifespan with cardiac and/or pulmonary diagnoses. PREREQ: PTOT 6693.

PTOT 6695 Contemporary Neurological System Management for Physical Therapists: 2 semester hours.

Applying evidence and elements of accepted practice to PT management of patients across the lifespan with neurological diagnoses. PREREQ: PTOT 6694.

PTOT 6696 Patient Case Seminar: 2 semester hours.

Selection and development of a patient case with which the student has worked to demonstrate application of evidence and the Guide to Physical Therapist Practice to Physical Therapy practice. Graded S/U. PREREQ: PTOT 6695.

PTOT 6699 Experimental Case: 1-6 semester hours.

The content of this course is not described in the catalog. Title and number of credits are announced in the Class Schedule. Experimental courses may be offered no more than three times with the same title and content. May be repeated.

PTOT 7701 Contemporary Multiple System Management for Physical Therapists: 2 semester hours.

Applying evidence and accepted clinical practice to PT management of patients across the lifespan with diagnoses affecting multiple systems. PREREQ: PTOT 6696.

PTOT 7705 Clinical Case Management: 3 semester hours.

Advisor guided development and completion of a patient case study demonstrating the application of evidence for PT examination, diagnoses, medical management, treatment and discharge. Oral presentation required. Graded S/U. PREREQ: PTOT 7701.

PTOT 7711 Applied Pharmacology - Mental Health Emphasis: 1 semester hour.

Study of the major drug groups, therapeutic implication and side effects for drugs commonly used for mental health and lifespan considerations. PREREQ: Graduate student; progression in the DPT or MOT program; or by course instructor permission.

PTOT 7713 Physical Therapy Professions: 1 semester hour.

Survey of current status of the physical therapy profession in health care systems. Professionalism, ethics, legal issues, validation of practice, future projections and historical perspective. PREREQ: Graduate student; acceptance in the DPT Program

PTOT 7715 Physical Therapy Resource Management: 3 semester hours.

Application of business and health care administration principles to the practice of physical therapy resource management strategies with an emphasis on community service delivery. PREREQ: Graduate student; progression in the DPT program.

PTOT 7725 Multi-Systems Management: 4 semester hours.

Physical therapy management of persons with problems affecting multiple systems; burns, wounds, amputations, neoplasms, metabolic disorders. PREREQ: Graduate student; progression in the DPT program.

PTOT 7727 Geriatric Management: 3 semester hours.

Examination, evaluation and treatment of the elderly population with emphasis on the management of normal and pathological conditions. PREREQ: Graduate student; progression in the DPT program.

PTOT 7728 Lifespan Development: 3 semester hours.

Normal and abnormal development of neuromuscular, musculoskeletal, cardiopulmonary systems cognitive/perceptual and psychosocial behavior associated with life through adolescence. Evaluation, program planning and treatment strategies are introduced. PREREQ: Progression and full enrollment in the DPT program.

PTOT 7733 Clinical Affiliation III: 5 semester hours.

Clinical management practicum related to patients with orthopedic, neurological, and multisystem problems. PREREQ: Graduate student; progression in the DPT program.

PTOT 7734 Clinical Affiliation IV: 5 semester hours.

Clinical management practicum related to patients with orthopedic, neurological, cardiopulmonary, and multisystem problems leading to entry-level competency. Graded S/U. PREREQ: Graduate student; progression in the DPT program.

PTOT 7735 Clinical Externship: 5 semester hours.

Clinical management experiences related to patient care, administration, or research in a variety of practice environments. Graded S/U. PREREQ: Graduate student; progression in the DPT program.