

OT - OCCUPATIONAL THERAPY

OT 4990 Directed Study Cr. 1-2

Offered Every Term.

Restriction(s): Enrollment limited to students in the Pharmacy and Health Sciences.

Repeatable for 5 Credits

OT 5010 Foundations of Occupational Therapy and Occupational Science Cr. 4

Provides an introduction to occupation, the history and philosophy of occupational therapy, evidence and theoretical models that guide the profession, the sociocultural forces that influence occupation, and the processes and procedures utilized by the occupational therapist. Offered Fall.

Restriction(s): Enrollment limited to students in the Pharmacy and Health Sciences.

Fees: \$50

OT 5030 Health Conditions II: Mental Health Cr. 4

Major categories of psychiatric conditions throughout the lifespan are presented. Diagnostic criteria and treatment strategies in traditional and community settings are presented with fieldwork requirements. Guest lectures from medical and community settings present on mental health conditions and implications. Offered Winter.

Restriction(s): Enrollment limited to students in the Pharmacy and Health Sciences.

OT 5045 Therapeutic Media Cr. 2

The performance, adaptation and utilization of processes involved in selected creative and manual tasks and activities, which have therapeutic value for individuals across the lifespan. Included are principles and methods of teaching appropriate to the role of the occupational therapist. Offered Winter.

Restriction(s): Enrollment limited to students in the Pharmacy and Health Sciences.

OT 5055 Life Occupations I Cr. 3

The first of two life occupations courses across the lifespan focuses on self care based on the Occupational Therapy Practice Framework III. Students will examine areas of occupation and develop assessment and intervention strategies while refining documentation skills. Offered Spring/Summer.

Restriction(s): Enrollment limited to students in the Pharmacy and Health Sciences.

OT 5065 Life Occupations II Cr. 3

Role of leisure in health, wellness, prevention and rehabilitation; focus: across the life span. Explores and develops assessment tools, treatment plans for diverse populations; includes experiential learning. Second of two courses. Offered Yearly.

Restriction(s): Enrollment limited to students in the Pharmacy and Health Sciences.

Fees: \$50

OT 5150 Cognition and Visual Perception Cr. 3

Offers further information regarding control of movement, forms of learning, sensory-perceptual processing, and cognitive processing for engagement in meaningful occupation. Offered Yearly.

OT 5220 Therapeutic Media Cr. 2

The performance, adaptation and utilization of processes involved in selected creative and manual tasks and activities, which have therapeutic value for individuals across the lifespan. Included are principles and methods of teaching appropriate to the role of the occupational therapist. Offered Spring/Summer.

Restriction(s): Enrollment limited to students in the Pharmacy and Health Sciences.

OT 5300 Surface Anatomy for Occupational Therapy Cr. 2

Students will: 1) practice and develop palpation skills, 2) locate bony landmarks, muscles, tendons, joints, ligaments, nerves, and arteries on the living human body, 3) appreciate differences of a variety of tissue types. Offered Fall.

Prerequisites: OT 5505 (may be taken concurrently) and OT 5510 (may be taken concurrently)

OT 5310 Movement Assessment and Intervention Cr. 4

Emphasizes theory and motor skill learning related to movement assessment including range of motion, strength, sensation, and coordination. While upper limb assessment is emphasized, it is expected that the student will be able to use available resources to assess the lower limb, trunk, neck and head as needed. Principles of and motor skills for intervention in each area will also be addressed. Offered Fall.

Restriction(s): Enrollment limited to students in the Pharmacy and Health Sciences.

Fees: \$30

OT 5400 Neurosciences for Health Care Professionals Cr. 3

Study of the human central nervous system; emphasis on sensory and motor systems and structures that contribute to normal movement. Offered Winter.

Restriction(s): Enrollment limited to students in the Pharmacy and Health Sciences.

Fees: \$50

Equivalent: PT 5400

OT 5410 Health Conditions I: Physical Disabilities Cr. 4

A series of interdisciplinary presentations on the clinical manifestations and management of selected problems due to disease states or injury; includes etiology, assessment, course and medical specialty management of the problems. Offered Winter.

Restriction(s): Enrollment limited to students in the Pharmacy and Health Sciences.

OT 5420 Health Conditions II: Mental Health Cr. 4

Major categories of psychiatric conditions throughout the lifespan are presented. Diagnostic criteria and treatment strategies in traditional and community settings are presented with fieldwork requirements. Guest lectures from medical and community settings present on mental health conditions and implications. Offered Winter.

Restriction(s): Enrollment limited to students in the Pharmacy and Health Sciences.

OT 5500 Aging: From Community to Longterm Care Cr. 3

The goal of the course is to strengthen knowledge and skills in aging and geriatric rehabilitation. Content includes: successful aging, age-related health conditions, gerontology research for OTs, at risk older adults, assisted living and long term care, policy and legislation. Offered Fall.

Restriction(s): Enrollment is limited to students with a major in Occupational Therapy; enrollment is limited to Graduate or Undergraduate level students.

OT 5505 Clinical Applications of Human Anatomy Cr. 3

Knowledge of basic human anatomy for students in health science professional programs; foundation for further study in clinical sciences. Offered Spring/Summer.

Restriction(s): Enrollment is limited to students with a major, minor, or concentration in Occupational Therapy or Physical Therapy.

Equivalent: PT 5505

OT 5510 Clinical Applications of Human Anatomy: Laboratory Cr. 1

Examination of dissections, dissection of human cadavers; didactic study. Offered Yearly.

Restriction(s): Enrollment limited to students in the Pharmacy and Health Sciences.

Fees: \$200

Equivalent: PT 5510

OT 5520 Foundations of Occupational Therapy and Occupational Science Cr. 3

An introduction to occupation, the history and philosophy of occupational therapy, evidence and theoretical models that guide the profession, the sociocultural forces that influence occupation, and the processes and procedures utilized by the occupational therapist. Offered Winter.

Restriction(s): Enrollment limited to students in the Pharmacy and Health Sciences.

OT 5530 Health Conditions I: Physical Disabilities Cr. 4

This course introduces students to clinical manifestations and management of selected problems due to disease states or injury; includes etiology, assessment, course, and medical specialty management of the problems using the lens of occupational therapy practice framework. Offered Winter.

Restriction(s): Enrollment limited to students in the Pharmacy and Health Sciences.

OT 5540 Health Conditions II: Mental Health Cr. 4

Major categories of psychiatric conditions throughout the lifespan are presented. Diagnostic criteria and treatment strategies in traditional and community settings are presented with fieldwork requirements. Guest lectures from medical and community settings present on mental health conditions and implications. Offered Winter.

Restriction(s): Enrollment limited to students in the Pharmacy and Health Sciences.

OT 5550 Therapeutic Media Cr. 2

The performance, adaptation and utilization of processes involved in selected creative and manual tasks and activities, which have therapeutic value for individuals across the lifespan. Included are principles and methods of teaching, appropriate to the role of the occupational therapist. Offered Winter.

Restriction(s): Enrollment limited to students in the Pharmacy and Health Sciences.

OT 5560 Surface Anatomy for Occupational Therapy Cr. 2

Laboratory based course featuring surface anatomy. The students will 1) practice and develop palpation skills, 2) locate bony landmarks, muscles, tendons, joints, ligaments, nerves, and arteries on the living human body, and 3) appreciate differences of a variety of tissue types. Offered Spring/Summer.

Prerequisites: OT 7080 with a minimum grade of C (may be taken concurrently) and OT 7085 with a minimum grade of C (may be taken concurrently)

OT 5570 Clinical Applications of Human Anatomy Cr. 3

Examination of the human body using online applications including: Acland's anatomy, Visible bodies app, Gary's Anatomy, NetAnatomy and AnatomyTV. Offered Spring/Summer.

Restriction(s): Enrollment is limited to students with a major, minor, or concentration in Occupational Therapy or Physical Therapy.

OT 5580 Clinical Applications of Human Anatomy: Laboratory Cr. 1

Examination of prosections, dissection of human cadavers; didactic study. Offered Spring/Summer.

Restriction(s): Enrollment limited to students in the Pharmacy and Health Sciences.

OT 5610 Group Dynamics Cr. 5

Experiential approach to learning group dynamics and achieving skills necessary for conducting effective therapeutic groups for a variety of clinical and community settings. Development of self awareness and social skills necessary in building practical group skill in occupational therapy intervention. Level I fieldwork experiences. Offered Fall.

Restriction(s): Enrollment limited to students in the Pharmacy and Health Sciences.

Fees: \$50

OT 5620 Life Occupations Self Care Cr. 3

The first of two life occupations courses across the lifespan focuses on self care based on the Occupational Therapy Practice Framework III. Students will examine areas of occupation and develop assessment and intervention strategies while refining documentation skills. Offered Spring/Summer.

Restriction(s): Enrollment limited to students in the Pharmacy and Health Sciences.

OT 5625 Life Occupations Self Care Lab Cr. 1

The life occupations lab course provides students the opportunity to practice assessments and interventions for patient self care based on the Occupational Therapy Practice Framework. Students will examine areas of occupation and develop assessment and intervention strategies while refining documentation skills. Offered Spring/Summer.

OT 5630 Movement Assessment and Intervention Cr. 4

This course is taken during the third semester of the first year of the OTD program, and centers on frames of references applicable to assessments involving principles of kinesiology and application of these principles with preliminary interventions. Core concepts and major assumptions of the biomechanical frame of reference are specifically reviewed.

Students then learn assessment procedures involving sensation, range of motion, manual muscle testing, and coordination. Students are required to perform and pass competencies for each of the main areas of assessment explored. Finally, students are required to create an online-module for case managers in a specific setting and peers are required to work through classmates' modules to learn both instructional design skillset and knowledge of the role of a case manager. Offered Fall.

Prerequisite: OT 5570 with a minimum grade of C and OT 5580 with a minimum grade of C

OT 5640 Neuroscience for Health Care Professionals Cr. 3

This is a course on Neuroscience for health care professionals that will cover fundamentals of neuroanatomy and neurophysiology. We will explore the structure and function of the human nervous system in the context of clinical conditions of relevance to occupational therapy. Offered Fall.

Restriction(s): Enrollment limited to students in the Pharmacy and Health Sciences.

OT 5650 Pathophysiology for Health Sciences Cr. 3

Fundamental knowledge of the nature of disease for the health sciences student; physiologic and morphologic changes accompanying disease processes; mechanisms of repair and recovery. Offered Fall.

Restriction(s): Enrollment limited to students in the Pharmacy and Health Sciences.

Equivalent: PT 5650, RT 5650

OT 5993 Writing Intensive Seminar in Occupational Therapy Cr. 0

Satisfies General Education Requirement: Writing Intensive Competency Disciplinary writing assignments under the direction of a faculty member. Must be selected in conjunction with designated corequisite; consult Schedule of Classes for corequisites available each term. Satisfies University General Education Writing Intensive Course in the Major requirement. Required for all majors. Offered Every Term.

Prerequisite: OT 3000 (may be taken concurrently) with a minimum grade of D-

Restriction(s): Enrollment is limited to Undergraduate level students; enrollment limited to students in the Pharmacy and Health Sciences.

OT 6060 Occupational Therapy Research I Cr. 3

Introduces graduate level students to the logic of scientific research. In particular, students will learn about the process of scientific inquiry in the health sciences in general and occupational therapy specifically. Offered Winter.

Restriction(s): Enrollment limited to students in the Pharmacy and Health Sciences.

OT 6065 Occupational Therapy Research II Cr. 1

The second course in the three-course research thread, Research II is taken with the support of OT faculty members conducting research in an area of interest to the student. Students will work with the faculty member to further refine their literature review (completed in Research I) and develop a problem statement and research questions. Students will also work with a faculty mentor to submit or review IRB for the study/area of interest. Offered Spring/Summer.

Prerequisite: OT 6060

Restriction(s): Enrollment limited to students in the Pharmacy and Health Sciences.

OT 6070 Occupational Therapy Research III Cr. 2

Application of research principles and methods to solving occupational therapy problems. Offered Fall.

Prerequisite: OT 6060 and OT 6065

Restriction(s): Enrollment limited to students in the Pharmacy and Health Sciences.

Fees: \$15

OT 6090 Directed Research Cr. 1-4

Opportunity to conduct supervised research and to participate in research activities of a mentor. Offered Every Term.

Prerequisite: OT 6070

Restriction(s): Enrollment limited to students in the Pharmacy and Health Sciences.

Repeatable for 8 Credits

OT 6100 Occupational Therapy Assessments and Interventions I (Ortho) Cr. 5

Examines OT assessments and interventions and how they impact an individual's life occupations. The emphasis of this course is on musculoskeletal and orthopedic diagnoses. Offered Winter.

Restriction(s): Enrollment limited to students in the Pharmacy and Health Sciences.

OT 6140 Environment, Occupation and Health Cr. 3

Through this course, we bring the study of environments and places to the forefront and examine their dynamic relationship with occupation and health. The foci of the course are several. We will develop an understanding of the importance and complexity of "environment" and "place" as concepts. We will use that understanding to examine some key types of environments and places through which occupation occurs. We also will assess the role of environments and places in occupation, disability, therapy, and well-being. Offered Winter.

Restriction(s): Enrollment limited to students in the Pharmacy and Health Sciences.

OT 6160 Occupational Therapy Research I Cr. 4

Introduces graduate level students to the logic of scientific research. In particular, students will learn about the process of scientific inquiry in the health sciences in general and occupational therapy specifically. Offered Fall.

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the Pharmacy and Health Sciences.

OT 6200 Occupational Therapy Assessments and Interventions II Cr. 5

This course offers didactic and practical learning experience designed to bridge the gap between physical disabilities, theory and practice focused on assessments and interventions for neurological diagnoses with a specialized section on hand therapy. Offered Fall.

Restriction(s): Enrollment limited to students in the Pharmacy and Health Sciences.

Fees: \$67

OT 6210 Occupational Therapy Practice in Aging Cr. 3

Covers the concepts and the process of aging and the role of occupational therapy with adults impacted by changing physical health and cognitive capacities and environments. Focuses on the effects of major late life transitions including, for example, retirement from paid employment, driving cessation, household downsizing and caregiving. Offered Fall.

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the Pharmacy and Health Sciences.

OT 6230 Motor Control Cr. 3

Current theories of motor control and motor learning; recovery of function and normal movement across the lifespan. Offered Winter.

Restriction(s): Enrollment limited to students in the Pharmacy and Health Sciences.

OT 6300 Occupational Therapy Assessments and Interventions III (Pediatric) Cr. 5

Occupation-based therapeutic activities, intervention strategies, documentation skills, and discharge planning that promotes client-centered outcome; the focus is on development birth through young adulthood. Offered Winter.

Restriction(s): Enrollment limited to students in the Pharmacy and Health Sciences.

Fees: \$65

OT 6320 Patient Perspectives of Health, Illness and Culture Cr. 2

People from various cultures (religious, ethnic, sexual orientation, disability, chronic illness, economic status) discuss in small groups how these cultures influence living with a chronic illness. Students also discuss readings on health culture and keep a journal on their course experience. Offered Spring/Summer.

Restriction(s): Enrollment limited to students in the Pharmacy and Health Sciences.

Equivalent: PPR 6300

OT 7040 Capstone Development Cr. 2

The students will gain a general understanding of the Capstone Journey, including the courses, experience, and project. The students will develop knowledge of the ACOTE requirements, determine the ACOTE area of focus for their capstone experience, complete a literature review to support their project idea, identify mentors, and set goals related to their journey. Offered Yearly.

Restriction(s): Enrollment is limited to Graduate level students.

OT 7120 Topics in Assistive Technology Cr. 3

Theories of assistive technology; their application in health care and community settings. Offered Spring/Summer.

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the Pharmacy and Health Sciences.

OT 7200 Occupational Therapy Practice in Aging Cr. 3

Covers the concepts and the process of aging and the role of occupational therapy with adults impacted by changing physical health and cognitive capacities and environments. Focuses on the effects of major late life transitions including, for example, retirement from paid employment, driving cessation, household downsizing and caregiving. Offered Winter.

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the Pharmacy and Health Sciences.

OT 7300 Professional Lit Cr. 3

Offered Fall.

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the Pharmacy and Health Sciences.

OT 7410 Pediatrics Special Topics Cr. 3

This advanced pediatric course will provide an in-depth view of specialized pediatrics topics with hands-on opportunities. Specialty topics covered in this course: Models of Practice for children and families, Feeding and Oral Motor Intervention, Sensory Processing/Self-Regulation, Vision Therapy, Psychotropic Medications for Pediatric Diagnosis, Research and Intervention for children with Developmental Disorders and Psychosocial Dysfunction, Behavior management, Adjunct Modalities for Pediatric Diagnosis (i.e. Splinting, Casting, Kinesiotaping, Pressure garments, etc). Offered Yearly.

Restriction(s): Enrollment is limited to Graduate level students.

OT 7500 Occupational Therapy Synthesis Cr. 3

Synthesizes learning from all previous coursework while preparing the student to take the National Board Certification of Occupational Therapy (NBCOT) examination and business and management fundamentals. This course will include blended learning methodology to enhance learning and peer interaction. Students will complete a review of previously learned content and apply that content into practical clinical scenarios and gain knowledge to successfully pass the NBCOT exam. Offered Intermittently.

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the Pharmacy and Health Sciences.

Repeatable for 9 Credits

OT 7700 Research Dissemination Cr. 3

Offered Winter.

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the Pharmacy and Health Sciences.

OT 7750 Professional Field Experience Cr. 1-4

Supervised placement in area of specialization. Offered Every Term.

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the Pharmacy and Health Sciences.

OT 7800 Occupational Therapy Capstone Cr. 3

Offered Spring/Summer.

Restriction(s): Enrollment is limited to students with a major in Occupational Therapy; enrollment is limited to Graduate level students.

OT 7898 Level II Fieldwork A: Medical Cr. 8

Supervised field work experience in affiliated health care agencies. Offered Every Term.

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the Pharmacy and Health Sciences.

OT 7899 Level II Fieldwork B: Community Cr. 8

Supervised field work experience in affiliated health care agencies. Offered Every Term.

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the Pharmacy and Health Sciences.

OT 7990 Directed Study Cr. 1-3

Opportunities for study and experience in areas of special interest in occupational therapy. Written report and oral presentation required. Offered Every Term.

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the Pharmacy and Health Sciences.

Repeatable for 5 Credits

OT 7999 Masters Essay Dir Cr. 1-2

Offered Every Term.

Restriction(s): Enrollment limited to students with a class of Candidate Masters; enrollment is limited to Graduate level students; enrollment limited to students in the Pharmacy and Health Sciences.

OT 8990 Masters Project Dir Cr. 1-5

Offered Every Term.

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the Pharmacy and Health Sciences.

OT 8999 Master's Thesis Research and Direction Cr. 1-8

Offered Every Term.

Prerequisite: OT 7700

Restriction(s): Enrollment limited to students with a class of Candidate Masters; enrollment is limited to Graduate level students; enrollment limited to students in the Pharmacy and Health Sciences.

Repeatable for 8 Credits