

Occupational Therapy (OT)

Courses

OT 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.

OT 5505 Occupational Therapy Clinical Procedures: 2 semester hours.

Students learn about occupational therapy assessment and treatment. They engage in hands-on experiences involving the theory and application of basic techniques of patient evaluation and handling.

OT 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.

OT 5507 Professional Behaviors Seminar: 1 semester hour.

Students engage in and exemplify professional behaviors in preparation for their clinical practicum experience and clinical fieldwork rotations. This course focuses on self-reflection on individual student's professional behaviors, establishing short-term professional development plans, tracking development of and changes in one's professional behaviors, and documenting progress. Specific, evaluated graduate-level activities and/or performances are identified in the course syllabus.

OT 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

OT 5513 Occupational Therapy Profession: 3 semester hours.

Students learn a historical and theoretical overview of the occupational therapy profession and examine the roles occupational therapists play in health care, educational, and psychosocial settings. Students examine the occupational therapy process and collaborative roles played in rural and urban service delivery systems, and review the future direction of the profession, professionalism, and ethical, legal, and political issues.

OT 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.

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

Students acquire the knowledge, skills, and professional behaviors needed to develop, organize, implement, manage, and evaluate relevant therapy programs, using a business model and/or grant-sponsored endeavor. Students explore and learn about policies related to reimbursement

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

Students learn basic principles of occupational science, foundational to understanding the role of human occupation in health and participation in life and an intuitive understanding of these processes. It engages students in both the in-depth study of occupation and active participation in occupation, while requiring deep reflection and peer discussion to integrate these two components. Specific, evaluated graduate-level activities and/or performances are identified in the course syllabus.

OT 5522 Occupational Performance: 3 semester hours.

Students explore the role of occupation in health/well-being. They study the Occupational Therapy Practice Framework to understand the OT process. Students examine occupational performance and its variables. Students learn about frames of reference and theories to help organize, assess, and interpret occupational performance for individuals and populations. Learn to analyze occupational performance through a systemized approach to activity analysis. Specific, evaluated graduate-level activities and/or performances are identified in the course syllabus.

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

Students learn the historical and philosophical perspectives of the therapeutic relationship, through lectures, group activities, reflective exercises, a review of phenomenological literature, and role playing. Students learn to develop and implement therapeutic relationships that support and enhance client occupational performance.

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

Students learn the theory and application of occupational performance and function within the context of adult clients with physical dysfunction. Students learn about physical and psychosocial dysfunction in rehabilitation and orthopedic management.

OT 5525 Psychosocial Function in Occupation: 4 semester hours.

Students examine mental health conditions, culture, socioeconomic status and other factors related to psychosocial dysfunction. Students explore, learn, and critically analyze occupational therapy theories, frames of reference, assessment and measurement tools, and intervention strategies used to identify and address occupational performance problems, related to psychosocial dysfunction and the mental health settings in which they are used.

OT 5526 Neurological Function in Occupation: 5 semester hours.

Students learn theory and frames of reference related to persons with neurological disorders or injury, through the study of evaluation, treatment, and long-term management of neurological factors that may cause disability. Students learn about occupational problems related to neurological dysfunction found in specific conditions, such as spinal cord injury, head injury, cerebral vascular accidents, and Parkinson's disease. This course addresses physical, cognitive and other factors related to neurological dysfunction.

OT 5527 Occupation and Environmental Management: 3 semester hours.

Students explore ways in which occupational therapists in a variety of settings support health and participation in life through engagement in occupation, by acknowledging and managing the multiple contexts surrounding their clients. Explore models of service provision for both

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

Students learn common conditions, impairments, and disabilities in children, how they affect development and occupational performance, the pediatric evaluations used to assess these conditions, and interventions used to address occupational performance problems. Students apply this knowledge as they look at occupational performance problems, screenings, assessments, discharge planning, and follow-up, while integrating evidence-based decision-making and clinical reasoning, relevant to pediatric practice.

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

Students participate in a clinical, practical, occupational therapy experience, in the on-campus Disability Student Services Center, under the direction and supervision of the occupational therapy faculty members. They follow a student/client of the DSSC throughout the semester. Emphasis is on hands-on experience with documentation, evaluation, clinical reasoning, and treatment planning with a student client of ISU's Disability Student Services Center.

OT 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: OT 5532.

OT 5542 Occupational Performance Laboratory: 1 semester hour.

Students apply concepts, models, and frames of reference learned in PTOT 4422/5522, to analyze tasks and the occupational performance of individuals and populations. Students administer occupational performance evaluations and develop competence in completing occupational profiles and analyses of occupational performance, as it relates to self-care, work, and leisure. This lab serves as a precursor to developing occupational therapy intervention plans for individuals/populations with or at risk for disability.

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

During these laboratory sessions, students apply hands-on evaluation and treatment techniques used in the physical and psychosocial occupational performance approach, that they learned about in the Physical Function in Occupation class.

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

Students participate in laboratory exercises in which they apply occupational therapy theories and frames of reference to the evaluation and treatment of persons with psychosocial dysfunction or disability. Students learn about the administration and interpretation of major assessment instruments, treatment plan development and implementation, documentation, and client/caregiver education.

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

During these laboratory sessions, and assignments, students are exposed to and participate in evaluation and treatment techniques that address the physical, cognitive and other factors related to neurological dysfunction, applying what they learn in PTOT 5526.

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

During these laboratory sessions, and assignments, students are exposed to and participate in simulated and real-world treatment opportunities. The laboratory experiences provide students with practice in adapting the environment to support their clients' health and participation in life through engagement in occupation, with specific focus on ergonomics, assistive technology, community wellness, low-vision rehabilitation, home/community accessibility, and the unique environmental aspects of rural life and the special needs of farmers and ranchers.

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

During these laboratory sessions, and assignments, students apply what they learn in OT 5528 regarding pediatric and adolescent screenings, evaluations, and interventions for children and adolescents with disabling condition.

OT 5571 Professional Issues in Occupational Therapy Practice: 1 semester hour.

Students participate in an in-depth exploration of a topic related to the practice of occupational therapy and apply principles of instructional design to share the topic with their peers. Topics explored may include evidence-based practice, managing ethical dilemmas, program development, and advocacy.

OT 5581 Fieldwork Seminar I: Introduction to Fieldwork: 1 semester hour.

Students learn about the basics of fieldwork in this course, in the first in series of 4 fieldwork seminar courses. Students are introduced to information they will need to choose and successfully complete fieldwork, including the purpose of fieldwork, the roles of the key players, and the basic required fieldwork documentation. Students are also introduced to the process of making their Level II fieldwork requests, which they complete by the end of the semester. Specific, evaluated graduate-level activities and/or performances area identified in the course syllabus.

OT 5582 Fieldwork Seminar II: Transition from Level I Fieldwork: 1 semester hour.

Students reflect on their Level I fieldwork experiences and explore factors that will make them more successful in their future Level I and Level II fieldwork placements in this, the second courses in the student's series of four Fieldwork Seminar courses.

OT 5583 Fieldwork Seminar III: Preparing for Level II Fieldwork: 1 semester hour.

Students actively engage in tasks to prepare them for their first Level II fieldwork experience, including, preparing their fieldwork objective and communicating with their fieldwork educator, in this, the third in a series of four fieldwork seminar courses. Specific, evaluated graduate-level activities and/or performances are identified in the course syllabus.

OT 5584 Fieldwork Seminar IV: Becoming a Self-Reflective Fieldwork Student: 1 semester hour.

Students finalize their preparation for their final Level II fieldwork experience and learn strategies to navigate the transition from student to entry level clinician in this, the fourth and final fieldwork seminar course. An emphasis is put on students becoming self-reflective in their role as fieldwork students and future self-reflective practitioners. Specific, evaluated graduate-level activities and/or performances are identified in the course syllabus.

OT 5591 Occupational Therapy Professional Project 1: 1 semester hour.

Students begin work with their research groups, in consultation with a faculty member project advisor. This may also include initial work on preparing their Institutional Research Board/Human Subjects Committee proposal for eventual submission to the IRB/HSC. The completion of the series of 4 research courses will culminate in a public presentation of a posted and a publishable paper in conjunction with their faculty member project advisor. Graded S/U.

OT 5593 Occupational Therapy Professional Project 3: 1 semester hour.

Students continue to work with their research groups, in consultation with their faculty member project advisor. Together, they analyze their data, prepare a draft of a paper, using their analyzed data, accompanied by their literature review introduction, purpose, and methods and materials, that they have previously created. They will add their newly created results, discussion, and conclusion, and prepare a draft poster for presentation. Students submit an RFP and presentation of their poster to a state, regional, or national conference, in conjunction with their faculty member project advisors. Graded S/U

OT 6619 Clinical Reasoning: 1 semester hour.

Students are introduced to the thinking process and judgments an occupational therapist must make in order to deliver effective occupational therapy services. Students will explore various forms of reasoning employed by a therapist to make informed decisions related to practice.

OT 6633 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

OT 6634 Clinical Affiliation IV- Fieldwork 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: OT 6633.

OT 6691 Occupational Therapy Professional Project 1: 1 semester hour.

Students begin work with their research groups, in consultation with a faculty member project advisor. This may also include initial work on preparing their Institutional Research Board/Human Subjects Committee proposal for eventual submission to the IRB/HSC. The completion of the series of 4 research courses will culminate in a public presentation of a poster and a publishable paper in conjunction with their faculty member project advisor. Graded S/U.

OT 6692 Occupational Therapy Professional Project 2: 1 semester hour.

Students continue to work with their research groups, in consultation with a faculty member project advisor, and prepare their Institutional Research Board/Human Subjects Committee proposal for submission to the IRB/HSC. Following approval by the IRB, student groups will prepare their surveys for distribution, prepare other methods of data collection, recruit research participants using approved methods, and/or collect research data. The completion of this series of 4 research courses, will culminate in a public presentation of a poster and a publishable paper in conjunction with their faculty member project advisor. Graded S/U

OT 6693 Occupational Therapy Professional Project 3: 2 semester hours.***OT 6694 Occupational Therapy Professional Project 4: 1 semester hour.***