

# Occupational Therapy

Master of Occupational Therapy (<http://und-public.courseleaf.com/graduateacademicinformation/departmentalcoursesprograms/occupationaltherapy/ot-mot>)

Doctor of Occupational Therapy (<http://und-public.courseleaf.com/graduateacademicinformation/departmentalcoursesprograms/occupationaltherapy/ot-otd>)

## **OT 200. Introduction to Occupational Therapy. 2 Credits.**

History, scope, objectives, and functions of Occupational Therapy. F,S.

## **OT 422. Anatomy Occupational Therapy. 5 Credits.**

Detailed study of human anatomy, with an emphasis on skeletal muscle, its vasculature, and the peripheral nervous system. The laboratory portion of the course allows for a direct study of the human form through dissection of human cadavers. Prerequisite: Occupational Therapy majors only. SS.

## **OT 423. Fundamentals of Neuroscience for Occupational Therapy. 3 Credits.**

Survey of the major theories of behavior, cognition, and neurological disorders based on experimental findings in neuroanatomy, neurophysiology, and neurobiology. Laboratory included. Prerequisite: Occupational Therapy majors only. F.

## **OT 424. Muscle Function in Health and Disease. 4 Credits.**

The study of musculature acting on the extremities and trunk. Theory and techniques of musculoskeletal evaluation with analysis of normal and pathological human motion. Laboratory included. Prerequisite: Occupational Therapy majors only. S.

## **OT 425. Occupational Therapy with Infants and Pre-School Children. 4 Credits.**

Normal and abnormal human development, conception through the pre-school years. Emphasis on reflexes, sensory systems, neurodevelopmental systems, illness and trauma, assessment procedures, treatment techniques, families and intervention teams, and treatment outcomes. Laboratory included. Prerequisite: Occupational Therapy majors only. F.

## **OT 426. Personal/Professional Development. 1 Credit.**

Promote self-awareness and interpersonal communication skills including basic listening skills, ability to provide meaningful feedback and appropriate group membership skills. Prerequisite: Occupational Therapy majors only. SS.

## **OT 427. Orientation to Occupational Therapy Theory. 3 Credits.**

Orientation to human occupation, occupational performance assessment, theoretical practice models, and core processes in occupational therapy. Prerequisite: Occupational Therapy majors only. F.

## **OT 428. Quantitative Research Methods-O.T.. 3 Credits.**

Design and implementation of quantitative research, the evaluation of quantitative research studies, the interpretation of statistics as applied to occupational therapy, and the process of presentation and publication of quantitative research projects. Laboratory included. Prerequisite: Occupational Therapy majors only. F.

## **OT 429. Occupational Therapy with School Age Children and Young Adults. 4 Credits.**

Normal and abnormal human development, disease and disability, school age through young adulthood. Emphasis on assessment, intervention planning and program outcomes for individuals with disabilities in a variety of practice settings including school, community, and medicine. Laboratory included. Prerequisite: Occupational Therapy majors only. S.

## **OT 430. Psychosocial Aspects of Occupational Therapy for Children, Adolescents and Young Adults. 4 Credits.**

Psychosocial development and interruptions to development in children, adolescents, and young adults, with emphasis on OT evaluation, treatment planning and implementation, and treatment outcomes. Laboratory included. Prerequisite: Occupational Therapy majors only. S.

## **OT 431. Medical Science I. 2 Credits.**

First in a two-semester sequence of courses, which covers human body systems and disease and disability groups discussed from all aspects of comprehensive rehabilitation. Included are chronic illness, neurological and orthopedic conditions, general medicine and surgery, and sensory disabilities across the lifespan. Prerequisite: Occupational Therapy majors only. F.

## **OT 432. Medical Science II. 3 Credits.**

Second in a two-semester sequence of courses, which covers human body systems and disease and disability groups discussed from all aspects of comprehensive rehabilitation. Included are chronic illness, neurological and orthopedic conditions, general medicine and surgery, and sensory disabilities across the lifespan. Integration included. Prerequisite: Occupational Therapy majors only. S.

## **OT 433. Group Leadership Skills in Occupational Therapy. 2 Credits.**

Didactic and experiential learning in a small group setting. Provides students with opportunities to function as group facilitators in a variety of practice settings. Prerequisite: Occupational Therapy majors only. S.

## **OT 438. Practicum: Children/Adolescents. 1 Credit.**

Observation and experience in a university-approved pediatric and/or adolescent facility; supervised by occupational therapists, educators, and allied health professionals. Prerequisite: Occupational Therapy majors only. S/U grading. S.

## **OT 451. Multicultural Competency in Occupational Therapy. 3 Credits.**

Develop an understanding of and an appreciation for social-cultural and ethnic diversity and use that understanding to address issues, solve problems, and shape civic, personal, and professional behaviors. To recognize that diversity is intimately tied to the concepts of culture, race, language, identity and inter-group dynamics, as well as its applications to complex situations. These concepts are presented within the context of providing OT services. Prerequisite: Occupational Therapy majors only. S.

## **OT 452. Assistive Technology I. 3 Credits.**

Introductory study of assistive technology devices and products, assessment, and application methods. Focuses on adaptations, modifications, and technology systems and services that assist individuals with disabilities in greater independence and accessibility across the lifespan. Laboratory included. Prerequisite: Occupational Therapy majors only. F,S.

## **OT 453. Physical Aspects of OT with the Maturing Adult. 5 Credits.**

Study of the OT process as applied to physical dysfunction of the maturing adult. Emphasis is on OT evaluation, planning, implementation of treatment, and treatment outcomes. Laboratory included. Prerequisite: Occupational Therapy majors only. F,S.

## **OT 454. Gerontic Occupational Therapy. 2 Credits.**

Occupational perspectives of the elderly, including age-related changes, assessment and intervention strategies and the role of occupational therapy in prevention and wellness programs. Laboratory included. Prerequisite: Occupational Therapy majors only. F,S.

## **OT 456. Psychosocial Aspects of OT with the Maturing Adult. 4 Credits.**

Psychosocial development and interruptions to development in the maturing adult with emphasis on OT evaluation, treatment planning and implementation, and treatment outcomes. Laboratory included. Prerequisite: Occupational Therapy majors only. F,S.

## **OT 458. Qualitative Research Methods for Occupational Therapy. 3 Credits.**

Design and implementation of qualitative research, evaluation of qualitative research studies, analysis and interpretation of qualitative data, and the process of publication and presentation of qualitative research projects. Laboratory included. Prerequisite: Occupational Therapy majors only. F.

## **OT 460. Introduction to Management and Leadership. 2 Credits.**

Introduction to the management practices necessary to direct a quality health service and provide the knowledge and skills needed for entry-level leadership positions in OT practice. Focus is on clinical reasoning and critical analysis in administrative and management functions. Laboratory included. Prerequisite: Occupational Therapy majors only. F.

## **OT 461. Management in the U.S. Healthcare System. 2 Credits.**

Provide an overview of health services system in the US and current trends and issues facing OT within this system. Content includes: federal and state roles, reimbursement of health care services, regulation, community services, health service providers, consultative, non-traditional areas of practice, service delivery models, legalities, and health policy advocacy. Prerequisite: Occupational Therapy majors only. S.

**OT 462. Physical Dysfunction Seminar and Practicum Integration. 3 Credits.**

The student begins to integrate and synthesize the theoretical knowledge of physical function/dysfunction with clinical practice. It requires the application of foundational knowledge, tools and the theory of practice inherent in the role of an OT. Occupational therapy experiences in facilities, supervised by registered occupational therapists, qualified health professionals and university faculty. Prerequisites: OT 422, OT 423, OT 424, OT 425, OT 426, OT 427, OT 428, OT 429, OT 430, OT 431, OT 432, OT 433 and OT 438. F,S.

**OT 463. Psychosocial Dysfunction Seminar and Practicum Integration. 3 Credits.**

Integration and synthesizing of theoretical knowledge with clinical experience toward the application of therapeutic use of self, self-evaluation, and communication skills in professional development. Occupational therapy experiences in mental health field facilities, supervised by registered occupational therapists, qualified health professionals and university faculty. Prerequisites: OT 422, OT 423, OT 424, OT 425, OT 426, OT 427, OT 428, OT 429, OT 430, OT 431, OT 432, OT 433 and OT 438. F,S.

**OT 469. Interprofessional Health Care. 1 Credit.**

A process-learning course intended to provide experience in building a team of health professionals from different professions. The focus is on learning to work effectively with an interprofessional health care team. Emphasis is placed on effective teamwork, the unique contributions of different professions, patient or family centered approach in health care delivery, and awareness of potential medical errors. S/U grading. F,S.

**OT 480. Introduction to Scholarly Writing in Occupational Therapy. 1 Credit.**

This course is designed to provide students with an understanding of the expectations and mechanics of scholarly writing. It is the first step for the development of a scholarly paper that is a requirement of the MOT program. The course outcome is the development of a proposal in an area of interest to the student(s) which has been approved and supervised by a faculty advisor to meet the first requirement of OT 995 Scholarly Project in OT or OT 997 Independent Study. Course content includes the mechanics of writing, development, content and format of the scholarly paper; the use of appropriate resources; and a review of how to use the Publication Manual of the American Psychological Association and the OT department's graduate student manuals. S.

**OT 488. Elective Fieldwork in Occupational Therapy. 3-18 Credits.**

Application of occupational therapy in evaluation and treatment in optional areas of student special interest in selected fieldwork facilities. Variable credits, repeatable, with maximal total of 18 credits. Prerequisite: Occupational Therapy majors only. Repeatable to 18 credits. S/U grading. F,S,SS.

**OT 489. Independent Projects. 1-3 Credits.**

Individual study and/or research in a particular area of interest for the students with approval of a supervising faculty member. Elective for OT majors. Prerequisite: Occupational Therapy majors only. Repeatable to 12 credits.

**OT 490. Occupational Therapy Seminar. 1 Credit.**

Foundational knowledge relevant to the preparation of an independent study proposal. Serves as the basis for OT 494: Directed Study in Occupational Therapy. Prerequisite: Occupational Therapy majors only. S/U grading. F.

**OT 493. Workshop. 1-12 Credits.**

A workshop course with topics dictated by faculty and student interests primarily for but not confined to continuing education. Prerequisite: Occupational Therapy majors only. Repeatable to 12 credits. S/U grading. On demand.

**OT 494. Directed Study in Occupational Therapy. 1 Credit.**

Development of a proposal in an area of interest to the student approved and supervised by faculty. Serves as the basis for OT 997: Independent Study or OT 995: Scholarly Project in OT. Prerequisite: Occupational Therapy majors only. S/U grading. S.

**OT 496. Community Experience. 1-4 Credits.**

Student initiates and participates in off-campus professional learning activities related to OT under joint faculty and on-site professional supervision. Prerequisite: Permission of Department. Repeatable to 12 credits. S/U grading. F,S,SS.

**OT 497. Cooperative Education. 1-6 Credits.**

Qualified students are employed by selected facilities to further understanding of occupational therapy and health-related service provision. Prerequisite: Occupational Therapy majors only. Repeatable to 12 credits. S/U grading. F,S,SS.

**OT 504. Occupation and Vocation. 3 Credits.**

Application of assessment and problem-solving skills necessary for remediation/rehabilitation of occupational performance deficits in the work realm. Laboratory included. Prerequisite: Occupational Therapy majors only. F,S.

**OT 507. Innovative Management and Leadership. 3 Credits.**

Develop and demonstrate an understanding of the skills necessary to plan, implement and evaluate programs and material for education, consultation and private practice. Prerequisite: Occupational Therapy majors only. F,S.

**OT 508. Therapeutic Procedures and Modalities in Occupational Therapy. 2 Credits.**

Occupational therapy theory and application of specific neuromuscular techniques and modalities to promote musculoskeletal function. Laboratory included. Prerequisite: Occupational Therapy majors only. F,S.

**OT 509. Principles of Education in Occupational Therapy. 3 Credits.**

Explores the methods and strategies used to develop, implement and evaluate education programs for students in academia and clinical settings, for patients/clients, businesses and professional staff. Information and discussion focus on the theory and research relevant to education in a variety of settings. Prerequisite: Occupational Therapy majors only. F,S.

**OT 515. Integration of Occupational Therapy Theory. 3 Credits.**

Analysis and applications of theoretical perspectives to occupational therapy process with individuals, groups, and service delivery systems. Prerequisite: Occupational Therapy majors only. F,S.

**OT 582. Graduate Practicum. 1-3 Credits.**

Supervised experience in a variety of OT practice settings. Students are afforded the opportunity to gain practical, on-the-job experience working in an area that matches the focus of their graduate study. Students will be supervised by on-site personnel. Prerequisite: Occupational Therapy majors only. Repeatable to 12 credits. S/U grading. F,S,SS.

**OT 585. Fieldwork in Psychosocial Dysfunction. 9 Credits.**

Application of occupational therapy in evaluation and treatment in psychosocial dysfunction fieldwork facilities. Three months full-time. Prerequisite: Occupational Therapy majors only. S/U grading. F,S,SS.

**OT 587. Fieldwork in Physical Dysfunction. 9 Credits.**

Application of occupational therapy in evaluation and treatment in physical dysfunction fieldwork facilities. Three months full-time. Prerequisite: Occupational Therapy majors only. S/U grading.

**OT 589. Readings in Occupational Therapy. 1-2 Credits.**

Selected readings in the student's area of interest with oral and/or written reports. Prerequisite: Occupational Therapy majors only. Repeatable to 6 credits. F,S,SS.

**OT 593. Teaching Experience in Occupational Therapy. 1-3 Credits.**

Supervised experience in higher education teaching in OT. Projects in course/curriculum development, writing course objectives, writing and delivering lectures and learning activities, and developing assessment tools for the classroom. Prerequisite: Occupational Therapy majors only. Repeatable to 12 credits. F,S,SS.

**OT 599. Special Topics in Occupational Therapy. 1-2 Credits.**

A series of lectures, discussions, and/or laboratory experiences developed around one or more specific topics in occupational therapy. Prerequisite: Occupational Therapy majors only. Repeatable to 6 credits. F,S,SS.

**OT 995. Scholarly Project in Occupational Therapy. 2 Credits.**

A collaborative investigation of a relevant professional topic and production of a scholarly report with approval of the major faculty. Prerequisite: Occupational Therapy majors only. F,S,SS.

**OT 996. Continuing Enrollment. 1-12 Credits.**

Repeatable. S/U grading.

**OT 997. Independent Study. 2 Credits.**

Independent investigation of a relevant professional topic and production of an independent scholarly report with approval of the major faculty advisor. Prerequisite: Occupational Therapy majors only. F,S,SS.