

OCCUPATIONAL THERAPY MASTERS (OTM)

OTM 501. OT Theory. 3 Credits.

This course explores how occupations influence health and well-being from a historical, developmental, and evidence-based perspective. Current and emerging occupation-based models are analyzed and applied as theoretical foundations in the promotion of health, prevention of disease, and management of occupational disruptions across the life span. Complementary healthcare models and current global social political issues are highlighted.

Prerequisites: None

Offered: Every year, Fall

OTM 502L. OT Service Learning. 1 Credit.

This course applies the concepts of observation and therapeutic use of self to a community setting where the students will observe and conduct an applied activity analysis of the clients/community and/or the population in order to design service projects that meet the occupational needs of those being served in the setting. Application of context variable analysis and service provision in a meaningful occupation will provide a natural experience of learning about human occupations.

Prerequisites: None

Offered: Every year, Fall

OTM 503. OT Practice Framework and Professional Reasoning. 2 Credits.

This course explores the vocabulary of the profession, The Occupational Therapy Practice Framework, and links the terminology to knowledge and skills in the identification and analysis of occupation in context, personal factors and occupational performance and the application of clinical reasoning to the occupational therapy process.

Prerequisites: None

Offered: Every year, Fall

OTM 505. Research Methods and Evidence-Based Practice. 3 Credits.

This course addresses research fundamentals in the practice of occupational therapy. The course examines research epistemology, methods, research designs, and data analysis in occupational therapy research. Levels of evidence are addressed and applied to decisions in occupational therapy interventions. Students gain experience developing research procedures, critically analyzing data, and identifying ethical issues involved in developing a research study.

Prerequisites: None

Offered: Every year, Spring

OTM 512. Applied Neuroscience in OT Practice. 4 Credits.

This course provides a comprehensive study of neuroanatomy including the structures, functions, and interrelationships of neural subsystems that are key to occupational performance. Students apply their understanding of these neural substrates including motor behaviors, sensory-perception, emotional processing, cognition, and learning, to the analysis of human occupations and dysfunctions in occupational performance.

Prerequisites: None

Offered: Every year, Fall

OTM 512L. Applied Neuroscience in OT Practice Lab. 1 Credit.

This course builds upon and provides practical application of the concepts taught in the OTM 512 course. Students are introduced to standardized and non-standardized procedures for neurological screening, as well as dynamic analysis of human occupational performance as essential tools of occupational therapy practice.

Prerequisites: None

Offered: Every year, Fall

OTM 513. Clinical Anatomy & Kinesiology. 4 Credits.

Students will take a deep dive into the human body with a focus on the musculoskeletal system and the biomechanics. Focus will be placed on regional competence beginning with core stability leading to distal mobility as it relates to human occupation. Origins, actions, insertions, and innervations are of heavy emphasis.

Prerequisites: None

Offered: Every year, Fall

OTM 513L. Clinical Anatomy & Kinesiology Lab. 2 Credits.

Students will participate in both the Human Anatomy Lab for cadaveric dissection, virtual dissection, as well as Clinical Skills and palpation labs where they will master biomechanical assessment of the human body. Students will gain an ability to see through the skin to visualize the body in action as it engages in human occupations.

Prerequisites: None

Offered: Every year, Fall

OTM 520. OT Mental Health & Psychosocial Part I. 2 Credits.

This course provides a comprehensive overview of OT's role for children and youth with mental health and psychosocial needs. Emphasis is on the role of occupation in promoting mental health, preventing disease and managing life disruptions. Psychological and OT theories guide the student's learning of the OT process within community-based and institutional settings across the continuum of service delivery. The inclusion of documentation, therapeutic use of self and evidence-based practice are emphasized.

Prerequisites: None

Offered: Every year, Spring

OTM 520L. OT Mental Health and Psychosocial Part I Lab. 2 Credits.

This course builds upon concepts from OTM 520 highlighting OT's distinct value in addressing psychosocial and mental health needs among children and youth, groups, and organizations. Students will practice assessments and evidence-based intervention modalities for various mental health conditions across the life span. Application of theoretical models and frames of reference will be highlighted. Additionally, students will enhance observation skills needed for documentation and practice verbal interventions related to therapeutic modes.

Prerequisites: None

Offered: Every year, Spring

OTM 521. OT in Mental Health & Psychosocial Practice II. 2 Credits.

This course highlights OT's distinct value in addressing psychosocial and mental health needs among adult and older adult populations, groups, and organizations. Emphasis is on the role of occupation in promoting mental health, preventing disease and managing life disruptions. OT, psychosocial, & group theories, as well as, group interventions are highlighted. Related skills such as documentation, therapeutic use of self and evidence-based practice are emphasized.

Prerequisites: None

Offered: Every year, Fall

OTM 521F. OT in Mental Health & Psychosocial Practice II**Fieldwork.****1 Credit.**

This course provides structured fieldwork observation in various settings working with the mental health and psychosocial populations across the lifespan; it will allow the student to observe and explore the evaluation and intervention process utilized in occupational therapy. Students will also have the opportunity to observe and report on the variety of assessment and intervention tools utilized across a continuum of service delivery. Students will develop an appreciation for the frames of reference used in the models of practice, as a guide to the evaluation and intervention process.

Prerequisites: None**Offered:** Every year, Fall**OTM 521L. OT in Mental Health & Psychosocial Practice II Lab. 2 Credits.**

This lab builds upon concepts from OT 521 highlighting OT's distinct value in addressing psychosocial and mental health needs among adult and older adult populations, groups, and organizations. Emphasis is on the role of occupation in promoting mental health, preventing disease and managing life disruptions. Group theory and evidence-based group interventions are practiced to promote the therapeutic use of self. A culminating group protocol assignment integrates theory, practice, and research.

Prerequisites: None**Offered:** Every year, Fall**OTM 522. OT For Children and Youth I.****6 Credits.**

This course provides a comprehensive overview of pediatric health conditions as they alter function and participation, environmental factors as they relate to barriers for occupational performance, and evaluation and interventions used by occupational therapy practitioners for children and youth. Traditional theoretical models/frames of reference and current evidence will be utilized as a basis for the clinical/professional reasoning process applicable to the OT process for children and youth so that facilitators and barriers to occupational performance can be identified. Documentation related to contextual philosophies, procedures, and regulations dictating pediatric practice will be highlighted throughout the course.

Prerequisites: None**Offered:** Every year, Spring**OTM 522F. OT For Children & Youth I Fieldwork.****1 Credit.**

This course provides structured fieldwork observation in various settings working with the children/youth population; it will allow the student to observe and explore the evaluation and intervention process utilized in occupational therapy. Students will also have the opportunity to observe and report on the variety of assessment and intervention tools utilized within the models of healthcare for the children and youth population.

Prerequisites: None**Offered:** Every year, Spring**OTM 522L. OT For Children & Youth I Lab.****2 Credits.**

This lab course complements the OTM 522 and OTM 522F and provides opportunity for experiential learning of the evaluation process and intervention techniques used in occupational therapy for children and youth. The safe, efficient, and culturally sensitive delivery of specific assessment and intervention techniques are highlighted.

Prerequisites: None**Offered:** Every year, Spring**OTM 523. OT for Children & Youth II.****5 Credits.**

This course provides an in-depth analysis of sensory processing and integration with a focus on clinical reasoning to understand and appreciate the impact of these processes on individuals, populations and community environments. Opportunities are provided to learn specific intervention strategies for individuals, as well a systems approach emphasizing the importance of educating the team of people who support these individuals in varying contexts, to facilitate functional participation and engagement in purposeful and productive activities. Documentation within these various systems will be illustrated, discussed, and produced.

Prerequisites: None**Offered:** Every year, Fall**OTM 523F. OT for Children & Youth II Fieldwork.****1 Credit.**

This course provides structured fieldwork observation in sensory integration settings and allows the student to observe and explore the intervention process utilized in these frames of reference. Students will also have the opportunity to see, observe and report on the variety of intervention strategies utilized within the various models such as healthcare, education, community and social systems. The settings utilized are equipped to provide clinical application of principles learned in the OT curriculum and focus on the sensory integration intervention process.

Prerequisites: None**Offered:** Every year, Fall**OTM 523L. OT for Children & Youth II Lab.****1 Credit.**

This lab integrates the advanced intervention techniques / specialized interventions used by occupational therapy practitioners for individuals and populations with sensory integrative and processing difficulties, developmental disabilities, and brain-based behavioral challenges. Opportunities will be provided to learn specific interventions required for a variety of occupational therapy practice contexts and with consideration of cultural and environmental factors.

Prerequisites: None**Offered:** Every year, Fall**OTM 524. Ot for Adults/Older Adults I.****4 Credits.**

This course provides a comprehensive overview of various conditions that impact health and occupational performance among adults and older adult populations, with emphasis given to understanding common diagnoses encountered and assessments and interventions used by occupational therapy practitioners in general medicine/surgery, neurology, and orthopedics. This course will integrate the use of various theoretical models/frames of reference, current evidence, and clinical/professional reasoning pertinent to the OT process. Documentation will be highlighted throughout the course including for traditional systems for individual and population-based approaches. Key concepts in interprofessional practice and health literacy will be incorporated.

Prerequisites: None**Offered:** Every year, Summer**OTM 524F. OT for Adults/Older Adults I Fieldwork.****1 Credit.**

This course provides structured fieldwork observation in various settings working with the adult population; it will allow the student to observe and explore the evaluation and treatment process utilized in occupational therapy with adults and older adults. Students will develop an appreciation for the frame of reference used in the models of practice as a guide to evaluation and treatment.

Prerequisites: None**Offered:** Every year, Summer

OTM 524L. OT for Adults/Older Adults I Lab. 2 Credits.

This lab course complements the OTM 524 and OTM 524F and provides opportunity for experiential learning of the evaluation process and intervention techniques used in occupational therapy for adults and older adults. The safe, efficient and culturally sensitive delivery of specific assessment and intervention techniques are highlighted.

Prerequisites: None

Offered: Every year, Summer

OTM 525. OT for Adults/Older Adults II. 4 Credits.

This course provides a comprehensive overview of specialized interventions used by occupational therapy practitioners in neurorehabilitation, oncology and geriatrics/gerontology. This course will integrate the use of various theoretical models/frames of reference, current evidence, and clinical/professional reasoning pertinent to the OT process in neurorehabilitation practice. Documentation will be highlighted throughout the course for traditional and emerging systems for individual and population-based approaches. Key concepts in interprofessional practice and health literacy will be incorporated.

Prerequisites: None

Offered: Every year, Spring

OTM 525F. OT for Adults/Older Adults II Fieldwork. 1 Credit.

This course provides structured fieldwork observation in neuro-rehabilitative settings and allows the student to observe and explore the intervention process utilized in these frames of reference. The settings utilized are equipped to provide clinical application of principles learned in the OT curriculum and focus on the neurorehabilitation intervention process.

Prerequisites: None

Offered: Every year, Spring

OTM 525L. OT for Adults/Older Adults II Lab. 2 Credits.

This lab integrates the advanced intervention techniques discussed and described in the lecture portion of this class. Opportunities will be provided to learn specific interventions required for a variety of occupational therapy practice contexts and with consideration of cultural and environmental factors.

Prerequisites: None

Offered: Every year, Spring

OTM 526. Technology in OT Practice. 1 Credit.

This course provides students with exposure to advanced intervention techniques related to assistive technology in occupational therapy. The course focuses on application of assistive technology across the lifespan, and thus emphasizes use of both interventions in a variety of practice contexts and practice settings. Since technology options change rapidly, emphasis is on the clinical reasoning process used to select and evaluate interventions in education, home, work, leisure and community practice domains.

Prerequisites: None

Offered: Every year, Spring

OTM 526L. Technology in OT Practice Lab. 1 Credit.

This lab course provides students with hands-on experience in advanced intervention techniques related to assistive technology in occupational therapy. The course focuses on application of assistive technology across the lifespan, and thus emphasizes use of both interventions in a variety of practice contexts and practice settings. Since technology options change rapidly, emphasis is on the clinical reasoning process used to select and evaluate interventions in rehabilitation, home, work, leisure and community technology-related practice areas. Prerequisite: Matriculation as an MOT student.

Prerequisites: None

Offered: Every year

OTM 527. Work & Ergonomics. 2 Credits.

This course focuses on the occupation of work applied across the lifespan and to various practice contexts and worker challenges. The course addresses topics related to the occupation of work, including employment acquisition, job performance, volunteerism, and retirement. Work tasks and work demands are analyzed relative to physical, cognitive, social, organizational, and environmental factors that impact job performance. Modifications that optimize worker functioning are examined as prevention and as rehabilitation.

Prerequisites: None

Offered: Every year, Spring

OTM 528L. Biomechanical Interventions Lab. 1 Credit.

Students experience hands on learning in safe and effective application of biomechanically-oriented interventions and principles for splinting, physical agent modalities, and therapeutic exercise programs. Specifically, students evaluate and fabricate splints for specific diagnoses and discuss the role of splinting as part of an overall intervention plan. Students are introduced to various prosthetic devices and the role of occupational therapy during pre-prosthetic and prosthetic training. Students demonstrate the ability to use and apply various physical agent modalities to intervention planning assignments.

Prerequisites: None

Offered: Every year, Summer

OTM 530. Administration and Management of System. 3 Credits.

This class introduces students to the daily management functions of an occupational therapy department including planning, organizing, directing, controlling, and supervision of occupational therapy assistants and other department personnel. The course integrates students' knowledge of interventions with information related to the delivery of occupational therapy services. Topics include managed care, quality assurance, leadership, regulatory agencies, models of practice, ethics, and consultation. Students gain hands-on experience with budgeting, marketing, program evaluation, and ethical problem-solving in administration.

Prerequisites: None

Offered: Every year, Summer

OTM 560. Special Topics in OT. 2 Credits.

Students will delve deeper into the specialized knowledge of the profession with evidence-based, occupation-centered practice as its core subject. Exploration of specialized roles beyond that of a direct provider of skilled services, such as educator, case manager, and consultant at the systems level. Students will also learn various modes of care delivery and systems of care and evaluate the outcomes of such modes.

Prerequisites: None

Offered: Every year, Spring

OTM 562. Professional Development I. 1 Credit.

This course prepares students for the role of student transitioning to professional. Focus is placed on understanding of current professional issues, policies related to practice, professional advocacy to support current and future practice, an introduction to the process of securing grants, and development of skills needed to participate in the instructional design process in preparation for work in an academic setting.

Prerequisites: None

Offered: Every year, Summer

OTM 570. Scholarly Project I. 1 Credit.

This Scholarship Project Series is a 2-course, 3 credit sequence that enables students to participate in the design, development, and implementation of a Scholarly project over the course of a year. Students will work with faculty mentors to develop a creative, community-based project or research study that is relevant to current or emerging practice areas in occupational therapy. This first course focuses on the project design through a scholarly literature review.

Prerequisites: None

Offered: Every year, Fall

OTM 573. Scholarly Project II. 2 Credits.

This Scholarship Project Series is a 2-course, 3 credit sequence that enables students to participate in the design, development, and implementation of a Scholarly project over the course of a year. Students will work with faculty mentors to develop a creative, community-based or research-project that is relevant to current or emerging practice areas in occupational therapy. This second course focuses on the project development and implementation.

Prerequisites: Take OTM 570.

Offered: Every year, Spring

OTM 580. Fieldwork Level IIA. 5 Credits.

This 12-week full-time supervised fieldwork experience provide the student with the opportunity to apply theory and clinical reasoning skills to the occupational therapy evaluation and intervention process for clients across the life span and in a variety of life environments. Students must abide by all fieldwork policies as listed in the Student Fieldwork Manual. This is the first of two required level II experiences.

Prerequisites: None

Offered: Every year, Summer

OTM 581. Fieldwork Level IIB. 5 Credits.

This 12-week full-time supervised fieldwork experience provide the student with the opportunity to apply theory and clinical reasoning skills to the occupational therapy evaluation and intervention process for clients across the life span and in a variety of life environments. Students must abide by all fieldwork policies as listed in the Student Fieldwork Manual. This is the second of two required level II experiences and is different in setting/population from OTM 580.

Prerequisites: Take OTM 580.

Offered: Every year, Fall

OTM 581S. Seminar Professional Development II. 1 Credit.

This course prepares students for the transition from academia to professional practice, focusing on career development strategies and NBCOT exam preparation. Through interactive discussions, mock exams, and career planning exercises, students will gain confidence in their professional readiness and develop a personalized roadmap for success in the field of occupational therapy.

Prerequisites: TAKE OTM 580

Offered: Every year, Fall