

DEPARTMENT OF OCCUPATIONAL THERAPY

Occupational therapy is a client-centered health profession concerned with promoting health and well-being and enabling participation in everyday life activities. Occupational therapists work with individuals, groups, communities and populations to enhance their capacity and ability to engage in the occupations they want to, need to or are expected to do. Occupational therapists also may work collaboratively with clients to modify tasks, activities and/or environments to better support their engagement and participation [adapted from World Federation of Occupational Therapists, 2012].

Mission & Vision

The mission of the Department of Occupational Therapy at Quinnipiac University is to provide **high-quality education** to develop occupational therapy practitioner-scholars at both entry and advanced practice levels, who possess broad-based knowledge and can **influence meaningful change** in the health and functioning of individuals, populations and communities.

We strive to be recognized for:

- Our **programs** that are models for innovative occupational therapy practice;
- Our **faculty members** who are role models in practice, service leadership, teaching and clinical scholarship; and
- Our **graduates** who are forward thinkers, ethical, compassionate and competent occupational therapists.

We do so by striving for excellence in educating students to meet and exceed our program learning outcomes.

Department Philosophy

The Department of Occupational Therapy views occupational therapy with an occupational and transformative-humanistic lens. This approach acknowledges that each student has a pre-existing occupational identity and possesses varying abilities and experiences, which are brought to the university environment. "Students are viewed as occupational beings who are in dynamic transaction with the learning context and the teaching-learning process" (AOTA Philosophy of Occupational Therapy Education, 2018). The transformative philosophy of education assumes that students can be shaped and transformed through the questioning, analysis and re-examination of worldviews, perceptions and prior belief systems utilizing a humanistic and critical approach to solving problems (Mezirow, 1997). Utilizing community-based, experiential learning; professional interactions; and opportunities for creative flow experiences, students' perceptions, skills and cognitive processes are enhanced and transformed.

Through mentorship and curricular experiences, faculty members apply a transformative-humanistic approach to support students in their personal and professional growth toward becoming an entry-level occupational therapist and leader. Students are also taught the value and potential of every human being (including themselves) in their capacity for self-determination and need to participate in desired occupations for health, wellness and inclusion as social beings.

The department conceptualizes both development and transformation not merely as a sequential ontological event but rather as a complex iterative, heterarchical, and hierarchical set of processes that are situated in various contexts. Creative, high impact transformation is the basis of curriculum content while developmental transformation is reflected in how the courses are arranged in overlapping phases or tiers using a modified version of Fink's Taxonomy of Significant Learning:

- Foundational Knowledge (Caring and Learning to Learn) – refers to understanding, remembering information and ideas; developing interests and professional values; and self-directing one's learning.
- Application and Integration (Learning About Oneself/Others) – refers to development of practical, creative and critical thinking skills by connecting ideas/concepts, events and realms of life, as well as in-depth exploration and integration of awareness of oneself and of others.
- Application and Synthesis – refers to continued refinement of practical, creative and critical thinking and reflection through the understanding of systems and embracing one's agency in decision-making on complex issues affecting individuals, communities and society.

Through advising, mentorship and curricular experiences, the faculty applies a **transformative humanistic approach** to support students in their personal and professional growth toward becoming an entry-level occupational therapist. Students are also taught the value and potential of every human being and their capacity to self-determine.

- Dual-Degree BS in Health Science /Master of Occupational Therapy (BS/MOT) (Direct Entry) (<http://catalog.qu.edu/health-sciences/occupational-therapy/entry-level-occupational-therapy-masters/>)
- Post-Baccalaureate Master of Occupational Therapy (MOT) (<http://catalog.qu.edu/graduate-studies/health-sciences/occupational-therapy-entry-level-mot/>)
- Dual-Degree BS in Health Science /Doctor of Occupational Therapy (BS/OTD) (Direct Entry) (<http://catalog.qu.edu/health-sciences/occupational-therapy/entry-level-occupational-therapy-doctor/>)
- Post-Baccalaureate Doctor of Occupational Therapy (OTD) (<http://catalog.qu.edu/graduate-studies/health-sciences/occupational-therapy-entry-level-otd/>)
- Online Post-Professional Occupational Therapy Doctorate (OTD) (<http://catalog.qu.edu/graduate-studies/health-sciences/occupational-therapy-online-otd/>)

Occupational Therapy (OT)

OT 101. Foundations of Occupational Therapy. 2 Credits.

Occupational therapy is at the intersection of healthcare, design, and technology, ensuring people can participate in daily life to their fullest potential. This course introduces students to the science of human activity, adaptation, and well-being-knowledge that applies to careers in health sciences, education, business, and engineering. Through hands-on activities and case studies, students will see how OT principles influence everything from assistive technology to workplace design.

Prerequisites: None

Offered: Every year, Fall and Spring

OT 201. Occupation, Health, Participation.**2 Credits.**

This course introduces the concept of occupation as central to the practice of occupational therapy. Emphasis is on the relationship between occupation and health. Using methods of inquiry, students gain a deeper understanding of occupational performance and its determinants from a person-centered to a population- and institution-centered perspective. Theoretical models focused on occupations are explored and applied to assessing and enhancing occupational performance.

Prerequisites: None**Offered:** Every year, Fall**OT 214. Professionalism in Occupational Therapy Practice.****2 Credits.**

This course serves as a bridge from students' general education to the professional phase of the OT curriculum. Students explore features of contemporary occupational therapy practice, such as client-centeredness and evidence-based practice, as foundations to professionalism. Students integrate Quinipiac essential learning proficiencies into the context of occupational therapy practice. Finally, the course helps students to internalize the values of professionalism as keys to being an effective change agent.

Prerequisites: None**Offered:** Every year, Spring**OT 322. Functional Anatomy and Kinesiology I.****3 Credits.**

This course is a comprehensive, two-part series designed to provide students with foundational expertise in human biomechanics. Students examine the musculoskeletal system in conjunction with principles of kinetics and kinematics as the basis of practice in physical rehabilitation. The course includes a corequisite laboratory to develop competency in basic biomechanical safety and assessment (goniometry and manual muscle testing). The series culminates by merging all aspects of human movement as the basis for engaging in everyday occupational activities.

Prerequisites: Take BIO 211, BIO 212, PHY 101.**Offered:** Every year, Fall**OT 322L. Functional Anatomy and Kinesiology Lab I.****1 Credit.**

This lab, which accompanies OT 322, provides the opportunity to learn in the Human Anatomy Lab, Clinical Skills Lab, Rehabilitation Science Lab and the Model Apartment as students develop proficiency with basic biomechanical safety and assessment (goniometry and manual muscle testing). This variety of laboratory settings serves to enhance content delivered in the classroom; students are guided to first visualize human anatomy via donor dissection and then apply that learning in the simulated clinical settings. Students are alternately scheduled among spaces weekly and in accordance with progression of region in the human body. (2 lab hrs.)

Prerequisites: Take BIO 211, BIO 212, PHY 101.**Offered:** Every year, Fall**OT 323. Functional Anatomy and Kinesiology II.****3 Credits.**

This course is part two of a comprehensive series designed to provide students with foundational expertise in human biomechanics. Students continue their examination of the musculoskeletal system in conjunction with principles of kinetics and kinematics as the basis of practice in physical rehabilitation. The series culminates by merging all aspects of human movement as the basis for engaging in everyday occupational activities.

Prerequisites: Take OT 322.**Offered:** Every year, Spring**OT 323L. Functional Anatomy and Kinesiology Lab II.****1 Credit.**

This lab, which accompanies OT 323, provides an opportunity to learn in the Human Anatomy Lab, Clinical Skills Lab, Rehabilitation Science Lab and the Model Apartment as students develop proficiency with basic biomechanical safety and assessment (goniometry and manual muscle testing). This variety of laboratory settings enhances content delivered in the classroom. Students are guided to first visualize human anatomy via donor dissection and then apply that learning in the simulated clinical settings. Students are alternately scheduled among spaces weekly and in accordance with progression of region in the human body. (2 lab hrs.)

Prerequisites: Take OT 322L.**Offered:** Every year, Spring**OT 325. Principles of Human Development and Occupation.****3 Credits.**

This course explores normal development and its impact on age appropriate occupations. The age span is from conception through early adulthood. The course provides a foundation for evaluation and intervention in human occupation.

Prerequisites: None**Offered:** Every year, Fall and Spring**OT 326. Principles of Human Development/Older Adults.****3 Credits.**

This course builds on the developmental concepts from OT 325 to explore normal development and its impact on age appropriate occupations. The age span is from early to late adulthood. The course provides a foundation for evaluation and intervention in human occupation as well as a foundation in performance patterns, skills and context.

Prerequisites: None**Offered:** Every year, Fall and Spring**OT 501F. Immersive Fieldwork Experience in Psychosocial and Mental Health Practice (Fieldwork IIa).****3 Credits.**

This six- to seven-week fieldwork experience provides students with in-depth opportunities to integrate theory, research and best practice in psychosocial and/or mental health settings. The experience promotes clinical reasoning, reflective practice and professionalism while enhancing one's therapeutic use of self. Practice settings may include traditional mental health agencies, community-based programs and nontraditional sites that promote psychological and social factors for occupational engagement and well-being.

Prerequisites: None**Offered:** Every year, Summer**OT 501S. Fieldwork Seminar.****1 Credit.**

This course runs concurrently with the mental health/psychosocial summer experience and is delivered in an online format. It is designed to enhance professional and clinical reasoning while promoting the integration of theory to practice. Students are encouraged to critique the system of care as it relates to best practice for an identified population.

Prerequisites: None**Offered:** Every year, Summer**OT 502. Pharmacology in Occupational Therapy Practice.****2 Credits.**

This course addresses the pharmacokinetics, side effects and drug interactions of medications prescribed to clients who are commonly referred for occupational therapy services. The course emphasizes the role of the occupational therapist in medication management as a health maintenance activity and in monitoring the impact of drug therapy on the therapeutic process and occupational performance of clients.

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

OT 511. Administration and Management in Occupational Therapy. 4 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, Fall

OT 522L. Biomechanical Interventions in Occupational Therapy. 2 Credits.

This lab provides students with "hands-on" learning experience and clinical reasoning in the safe and effective application of biomechanically-oriented interventions including physical agents and modalities, orthotic fitting and fabrication, and therapeutic exercise. Students also are introduced to prosthetics and the role of occupational therapy during pre-prosthetic and prosthetic training. Students apply clinical reasoning to identify the most appropriate biomechanical interventions based on the client's evaluation and socio-cultural factors to facilitate occupational performance. Prerequisite: Matriculation as an MOT student.

Prerequisites: None

Offered: Every year, Fall

OT 531. Sensory Processing and Integration. 3 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. Prerequisite: Matriculation as an MOT student.

Prerequisites: None

Offered: Every year, Fall and Spring

OT 531F. Sensory Processing and Integration Fieldwork. 1 Credit.

This course provides structured fieldwork experience to observe and analyze sensory processing the pediatric population. The experience emphasize exposure to the clinical application of the Ayres' sensory integration principles learned in the OT curriculum with fieldwork coordinators with advanced training. Students have the opportunity to reflect on this experience within the lecture course.

Prerequisites: None

Offered: Every year, Fall and Spring

OT 531L. Sensory Processing and Integration Lab. 1 Credit.

This course provides practical experientials designed to assimilate sensory processing and integration concepts. Evaluation, direct intervention and collaboration strategies in traditional environments are emphasized. Additionally, application of sensory integrative concepts into currently relevant community-based contexts and systems are explored to facilitate functional participation and engagement in purposeful, context-specific activities. Prerequisite: Matriculation as an MOT student.

Prerequisites: None

Offered: Every year, Fall and Spring

OT 532. Neurorehabilitation in Occupational Therapy. 3 Credits.

This course provides a comprehensive overview of specialized interventions used by occupational therapy practitioners in neurorehabilitation. This course integrates the use of various theoretical models/frames of reference, current evidence and clinical/professional reasoning pertinent to the OT process in neurorehabilitation practice. Key concepts in interprofessional practice and health literacy are incorporated. Prerequisite: Matriculation as an MOT student.

Prerequisites: None

Offered: Every year, Fall and Spring

OT 532F. Neurorehabilitation in Occupational Therapy Practice Fieldwork. 1 Credit.

This course provides a structured fieldwork experience to observe, participate in, and document the OT process with adult neurological populations in neurorehabilitation settings. Emphasis is on applying evidence and theory into practice and the development of professional identity and may observe inter- and intra-professional collaboration and patient/client education. Students have the opportunity to reflect on this experience within the lecture course.

Prerequisites: None

Offered: Every year, Fall and Spring

OT 532L. Neurorehabilitation in Occupational Therapy Lab. 1 Credit.

This course complements OT 532 Neurorehabilitation in OT Practice in providing a comprehensive overview of specialized interventions used by occupational therapy practitioners in neurorehabilitation. Students have the opportunity to apply methods and techniques according to various theoretical models/frames of reference and current evidence-based interventions. Prerequisite: Matriculation as an MOT student.

Prerequisites: None

Offered: Every year, Fall and Spring

OT 540. Special Topics in Occupational Therapy. 1.5-3 Credits.

This course provides an opportunity for students to delve deeper into the specialized knowledge of the profession with evidence-based, occupation-centered practice as its core subject. Students further explore the specialized roles of the occupational therapist beyond that of a direct provider of skilled services, such as organizational/community leader, educator, case manager, entrepreneur and consultant at the systems level. In addition, students learn various modes of care delivery and systems of care including but not limited to tele-health, community building/development and train-the-trainer; they also evaluate the outcomes of such modes.

Prerequisites: None

Offered: Every year, Spring

OT 541. Assistive Technology in Occupational Therapy. 2 Credits.

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 rehabilitation, home, work, leisure and community technology-related practice areas. Prerequisite: Matriculation as an MOT student.

Prerequisites: None

Offered: Every year, Fall

OT 541L. Assistive Technology in Occupational Therapy 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, Fall

OT 542. Work and Ergonomics. 3 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. Prerequisite: Matriculation as an MOT student

Prerequisites: None

Offered: Every year, Spring

OT 550. OT Research Methods. 4 Credits.

This course addresses the importance of research in the practice of occupational therapy. The course examines the research approaches and methods in occupational therapy practice. Students participate in designing and implementing entry-level research studies as well as analyzing and interpreting the professional literature. Students begin work on their spring capstone project.

Prerequisites: None

Offered: Every year, Fall

OT 556. Professional Development. 3 Credits.

This distance learning course focuses on the current issues related to the roles of the student transitioning to professional. The course emphasizes linking theory to practice, self-analysis and reflection upon academic experience, and relating those to different facets of clinical and professional reasoning as a funding mechanism in practice. Continued professional growth through the development of understanding of personal and professional responsibilities as a practicing therapist and a commitment to lifelong learning and professional advocacy also are addressed. Grant writing is included.

Prerequisites: None

Offered: Every year, Spring

OT 570. Capstone Graduate Projects. 3 Credits.

This capstone course is a culminating experience in the occupational therapy curriculum, which integrates all course-based material and fieldwork experiences with practical application. Students participate in designing and executing a research or creative project that is relevant to current and emerging practice areas in occupational therapy. Students gain experience in project management, critical analysis and professional presentations.

Prerequisites: None

Offered: Every year, Spring

OT 580. Fieldwork Level IIa. 6 Credits.

This 12-week supervised experience provides the student with the opportunity to apply theory, evidence, and professional reasoning skills to the occupational therapy evaluation and intervention process for clients across the life span and in a variety of settings. Students have the opportunity to engage in in-depth reflections regarding professionalism and professional identity through concurrent online seminars. Students are expected to abide by program policies outlined in the OT Fieldwork Handbook.

Prerequisites: None

Offered: Every year, Summer

OT 581. Fieldwork Level IIb. 6 Credits.

This 12-week supervised experience provides the student with the opportunity to apply theory, evidence, and professional reasoning skills to the occupational therapy evaluation and intervention process for clients across the life span and in a variety of settings. Students have the opportunity to engage in in-depth reflections regarding professionalism and professional identity through concurrent online seminars. Students are expected to abide by program policies outlined in the OT Fieldwork Handbook.

Prerequisites: None

Offered: Every year, Fall

OT 599. OT Independent Study. 1-3 Credits.

Prerequisites: None

Offered: As needed

OT 615. Critical Writing I. 3 Credits.

This course is the first in a sequence of courses focusing on scholarly reading and writing. Students investigate a specific area of interest, describe best practices as supported by evidence and theory and learn how to conduct a peer review of writing.

Prerequisites: None

Offered: Every year, Spring Online

OT 616. Self-Directed Study in Clinical Practice. 3 Credits.

This self-directed course focuses on each individual student's goals and objectives within an area of specialty practice. Students create a proposal and learning contract with objectives, methods and timelines to meet individualized learning goals toward certifications or in-depth learning of a particular topic. The purpose of this course is to work toward individualized professional development goals.

Prerequisites: None

Offered: Every year, Spring Online

OT 635. Scholarly Use of Evidence in Writing. 3 Credits.

This course is the second in a sequence of courses focusing on scholarly reading and writing. Emphasis on determining proper use of evidence occurs throughout the course. Synthesis of scholarly evidence and literature culminates in the creation of a manuscript for submission to a professional trade magazine or journal.

Prerequisites: None

Offered: Every year, Summer Online

OT 640. Directed Study in Evidence-Based Practice. 3 Credits.

Students learn the steps of the evidence-based practice continuum. Each student follows the steps using actual practice case studies from his/her individual practice sites and presents the responses to each step in the process to discover evidence to guide the practice case questions. Peer interaction and feedback is critical to the realistic development of evidence to guide practice decisions. A major assignment is to have each student participate in the writing of a systematic review or an evidence-based practice brief for the profession. Students complete a needs assessment of a particular site or practice area as well.

Prerequisites: Take OT 654.

Offered: Every year, Spring

OT 650. Application of Theory and Exploration of Occupation. 3 Credits.

This course explores occupation--the central construct of the profession, and occupational science as a disciplinary knowledge base of the profession. Students examine a variety of theories relevant to occupational therapy and analyze their practice using critical theory.

Prerequisites: Take OT 652.

Offered: Every year, Spring

OT 651. Systems Thinking to Influence Change. 3 Credits.

Knowledge of health care delivery in the U.S. is fundamental to providing occupational therapy services. A key element to providing relevant health care services is an understanding of the broader systems that influence and drive delivery models. This course addresses the general systems model as applied to the delivery of health care services. System components are addressed including the resources, the internal processes, external influences, measurable outcomes and stakeholders in service delivery systems. The course examines the range of service delivery models in OT including the traditional medical model, school-based, community, educational, home health, hospice and telehealth, among others. The course prepares students to analyze the key components of delivery system and determine how OT services are optimized in specific models.

Prerequisites: None

Offered: Every year, Fall

OT 652. Introduction to Doctoral Studies. 1 Credit.

Students develop learning strategies for doctoral work and explore contemporary leadership theory and create a professional development plan for doctoral work with goals and objectives related to becoming an agent of change.

Prerequisites: None

Offered: Every year, Fall

OT 653. Policy/Ethics. 2 Credits.

The future leaders of the profession need an understanding of the political and legal policies impacting occupational therapy, as well as the ethics involved in decision making. Students explore the role of the occupational therapist in advocacy as well as the concepts of social justice. The impact of these policies and decisions are reviewed in relationship to all settings and the occupational as well as psychosocial well-being of the individual client and populations of clients.

Prerequisites: None

Offered: Every year, Fall

OT 654. Research Methods. 3 Credits.

This course is the first of a series of courses focusing on scholarship in the profession. Emphasis is placed on understanding qualitative and quantitative research methods and building a solid foundation needed to carry out a scholarly project. This course covers the scholarship process, with a focus on developing a question for scholarly exploration, ways of answering questions and approaches to analyzing results.

Corequisites: Take OT 652.

Offered: Every year, Fall

OT 655. Professional Seminar. 3 Credits.

This course integrates prior learning into the discussion of how to become an "agent of change" within systems. Topics include advocacy, leadership and leadership theories, group dynamics and change management. Student integrate this knowledge through the development of a program proposal and evaluation.

Prerequisites: Take OT 651.

Offered: Every year, Summer

OT 656. Research Design Scholarship II. 4 Credits.

This course is the second of a series of courses focusing on scholarship in the profession. Emphasis is placed on developing a proposal for a scholarly project. Drawing on the content of OT 654 students develop the background to the project and problem statement, questions guiding the project informed by theory, and write a design a scholarly proposal in regards to ethical policies and procedures necessary to conduct research.

Prerequisites: Take OT 640, OT 654.

Offered: Every year, Summer

OT 663. Seminar: Innovations & Emerging Practice Issues. 3 Credits.

This course will initially focus on environmental scanning for evidence of change and locating evidence in the literature for that change within a student-identified area of interest. Then, weeks four through seven focus on the individual theme as selected by each student.

Prerequisites: Take OT 640.

Offered: Every year, Spring

OT 671. Leadership in Higher Education. 3 Credits.

Students analyze trends in higher education and health care. Building on these trends students create one course including a full syllabus, learning objectives, learning outcomes and assessment. This course provides a foundation for teaching in the future, either full or part time.

Prerequisites: Take OT 652.

OT 680. Capstone I. 2 Credits.

This capstone course is a culminating experience in the occupational therapy curriculum, which integrates all core material. Students design and execute a scholarly or creative project that is relevant to current and emerging practice areas in occupational therapy. Students gain experience in project management, critical analysis and professional presentations.

Prerequisites: Take OT 656.

Offered: Every year, Fall

OT 681. Capstone II. 2 Credits.

This capstone course is a culminating experience in the occupational therapy curriculum, which integrates all core material. Students design and execute a scholarly or creative project that is relevant to current and emerging practice areas in occupational therapy. Students gain experience in project management, critical analysis and professional presentations.

Prerequisites: Take OT 680;

Offered: Every year, Spring

OT 699. OT Independent Study. 1-6 Credits.**Prerequisites:** None**Offered:** As needed**OT 730. Administration and Management of Systems. 3 Credits.**

This class introduces students to the systems involved in delivering occupational therapy services in health care, educational and community-based environments. Students examine components of service delivery including external influences, internal processes, communication, reimbursement and measurable outcomes to understand how occupational therapy services are optimized. The course addresses core management functions including planning, organizing, directing and controlling. Students gain hands-on experience with strategic planning, budgeting, marketing, program evaluation and conflict management.

Prerequisites: None**Offered:** Every year, Spring**OT 751. Capstone Seminar I - Exploration. 2 Credits.**

This course is the first of a series of capstone seminars designed to assist the students in understanding the elements and process of developing a culminating signature project in the OTD program. Students explore personal interests, opportunities and the social context around topic areas. They develop skills of conducting an environmental scan and needs assessment relative to their project interests. Students identify program evaluation methods and ultimately present a capstone proposal as an initial plan for their capstone project.

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

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

Occupational Therapy Doctoral (OTD)

OTD 500. Philosophy and Science of Occupational Therapy. 2 Credits.

This course presents the philosophical, historical, and scientific foundations of the occupational therapy profession and their relevance to contemporary practice. From a philosophical perspective, the course unpacks the epistemology (knowledge), ontology (reality/view) and axiology (actions/methods) of the profession. The evolution of practice throughout history and current and emerging trends in practice is analyzed with respect to meeting societal needs.

Prerequisites: None

Offered: Every year, Summer

OTD 501. Occupational Therapy 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

OTD 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 observe and conduct and 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 provides a natural experience of learning about human occupations.

Prerequisites: None

Offered: Every year, Fall

OTD 503. OT Practice Framework & Professional Reasoning. 2 Credits.

This course explores the profession's domain and scope through the Occupational Therapy Practice Framework and links the terminology to the analysis of occupation and occupational performance in context, as well as the various forms of professional reasoning used in the occupational therapy process.

Prerequisites: None

Offered: Every year, Fall

OTD 505. Development of Human Occupations Seminar. 2 Credits.

This course explores typical human development and more specifically, occupational development from conception through early (emerging) adulthood. In this course, traditional theories of development are explored along with more contemporary and occupation-focused theories. Each of these sets of theories will contribute to an understanding of how biologic capacity, environmental, and cultural factors influence occupational development.

Prerequisites: None

Offered: Every year, Summer

OTD 510. Clinical Anatomy in Occupational Therapy. 3 Credits.

This course provides a comprehensive study of the musculoskeletal system and the peripheral nervous system with emphasis on their correlation to health conditions and occupational dysfunctions as well as the biomechanical basis of occupational performance. This course has a corresponding dissection and palpation lab.

Prerequisites: None

Offered: Every year, Summer

OTD 510L. Clinical Anatomy in OT Practice Lab. 1 Credit.

This laboratory course involves dissection, visual examination, and surface palpation as part of a comprehensive study of the human anatomy. Emphasis is in the thorough examination of the musculoskeletal system and select components of the nervous system relative to the anatomical and biomechanical bases of occupational performance.

Prerequisites: None

Offered: Every year, Summer

OTD 511. Applied Kinesiology. 2 Credits.

This course integrates information from Human Anatomy with principles of biomechanics and their application to occupational therapy practice. Emphasis is on the biomechanical analysis of human occupations and performance. Key concepts in clinical kinesiology are presented as essential elements to the OT process.

Prerequisites: None

Offered: Every year, Fall

OTD 511L. Applied Kinesiology Lab. 1 Credit.

This laboratory course provides a comprehensive review of fundamentals of musculoskeletal assessment relevant to occupational therapy practice. This course applies and integrates the concepts learned in the lecture course, OT 521.

Prerequisites: None

Offered: Every year, Fall

OTD 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

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

This course builds upon and provides practical application of the concepts taught in the OTD 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

OTD 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

OTD 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

OTD 515. 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

OTD 520. Occupational Therapy Mental Health and Psychosocial Practice I. 2 Credits.

This course highlights OT's distinct value in addressing psychosocial and mental health needs among children and youth, groups and organizations. Emphasis is on the distinct nature of occupation in promoting mental health, preventing disease, and managing life disruptions. Scientific evidence and theories guide the student's learning of the OT process across the continuum of service delivery.

Prerequisites: None

Offered: Every year, Spring

OTD 520L. Occupational Therapy Mental Health and Psychosocial Practice I Lab. 2 Credits.

This course builds on concepts from OT 720 highlighting OT's distinct value in addressing psychosocial and mental health needs among children and youth, groups and organizations. Students practice assessments and evidence-based intervention modalities for various mental health conditions across the lifespan. Application of theoretical models and frames of reference are highlighted. Additionally, students enhance observation skills needed for documentation and practice verbal interventions related to therapeutic modes.

Prerequisites: None

Offered: Every year, Spring

OTD 521. OT Mental Health and 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

OTD 521F. OT Mental Health and 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 allows the student to observe and explore the evaluation and intervention process utilized in occupational therapy. Students have the opportunity to observe and report on the variety of assessment and intervention tools utilized across a continuum of service delivery. Students 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**OTD 521L. OT Mental Health and Psychosocial Practice II Lab. 2 Credits.**

This lab builds upon concepts from OT 512 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 leadership skills and therapeutic use of self. A culminating group protocol assignment integrates theory, practice, and research.

Prerequisites: None**Offered:** Every year, Fall**OTD 522. Occupational Therapy for Children and Youth I. 6 Credits.**

This course provides a comprehensive overview evaluation and interventions used by occupational therapy practitioners for children and youth. Traditional theoretical models/frames of reference and current evidence is 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 is highlighted throughout the course.

Prerequisites: None**Offered:** Every year, Spring and Summer**OTD 522F. Occupational Therapy for Children and Youth I****Fieldwork.****1 Credit.**

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

Prerequisites: None**Offered:** Every year, Spring and Summer**OTD 522L. Occupational Therapy for Children and Youth I Lab. 2 Credits.**

This lab course complements the OT 531 and OT 531F 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 and Summer**OTD 523. Occupational Therapy for Children and Youth II. 5 Credits.**

This course focuses on specialized interventions for individuals and populations with sensory integrative and processing difficulties and brain-based behavioral challenges. It integrates the use of the SI frame of reference with previously learned theoretical models and apply best available evidence and clinical/professional reasoning to various systems (e.g., state/federal regulations for early intervention and school-based practice, insurance funding, and community-based health and wellness initiatives). Documentation within these various systems are illustrated, discussed and produced.

Prerequisites: None**Offered:** Every year, Fall and Spring**OTD 523F. OT for Children and 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 have the opportunity to see, observe and report on the variety of intervention strategies utilized within the various models such as health care, 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 and Spring**OTD 523L. OT for Children and 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 are 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 and Spring**OTD 524. Occupational Therapy for Adults and Older Adults I. 4 Credits.**

This course provides a comprehensive overview of assessments and interventions used by occupational therapy practitioners in general medicine/surgery, neurology and orthopedics. The course integrates the use of various theoretical models/frames of reference, current evidence, and clinical/professional reasoning pertinent to the OT process. Documentation is highlighted throughout the course including for traditional systems for individual and population-based approaches. Key concepts in interprofessional practice and health literacy are incorporated.

Prerequisites: None**Offered:** Every year, Spring and Summer**OTD 524F. Occupational Therapy for Adults and Older Adults I****Fieldwork.****1 Credit.**

This course provides structured fieldwork observation in various settings working with the adult population. It allows the student to observe and explore the evaluation and treatment process utilized in occupational therapy with adults and older adults. Students 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, Spring and Summer

OTD 524L. Occupational Therapy for Adults and Older Adults I Lab.**2 Credits.**

This lab course complements the OT 532 and OT 532F 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, Spring and Summer**OTD 525. OT for Adults and Older Adults II.****4-6 Credits.**

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

Prerequisites: None**Offered:** Every year, Fall and Spring**OTD 525F. OT for Adults and Older Adults II Fieldwork.****1 Credit.**

This course provides structured fieldwork observation in neurorehabilitative 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, Fall and Spring**OTD 525L. OT for Adults and Older Adults II Lab.****1-2 Credits.**

This lab integrates the advanced intervention techniques discussed and described in the lecture portion of this class. Opportunities are 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 and Spring**OTD 526. Technology in OT Practice.****1 Credit.**

This course provides students with opportunities to demonstrate knowledge and apply practice in the use of technology that includes assistive virtual and telehealth technology. The course focuses on application of technology across the lifespan, emphasizing a variety of practice contexts and practice settings. Since technology options change rapidly, emphasis is on the clinical reasoning processes in the utilization of technologies in education, home, work, leisure and community practice domains.

Prerequisites: None**Offered:** Every year, Spring and Summer**OTD 526L. Technology in OT Practice Lab.****1 Credit.**

This lab provides students with opportunities to practice the design and fabrication and use of technology in practice that includes assistive technology; virtual environments in practice and telehealth technology. This lab must be completed concurrently with OTD 641 the lecture component of Technology in OT Practice.

Prerequisites: None**Offered:** Every year, Spring and Summer**OTD 527. Work and Ergonomics.****2-3 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**OTD 528L. Biomechanical Interventions Lab.****1 Credit.**

This course provides hands on learning in the therapeutic application of orthotics, physical agents and modalities, and exercise programs. Students will develop the skills to evaluate and develop an intervention plan for specific conditions. Students also learn the role of occupational therapy during pre-prosthetic and prosthetic training.

Prerequisites: None**Offered:** Every year, Summer**OTD 530. Administration and Management of Systems.****3 Credits.**

This class introduces students to the systems involved in delivering occupational therapy services in health care, educational and community-based environments. Students examine components of service delivery including external influences, internal processes, communication, reimbursement and measurable outcomes to understand how occupational therapy services are optimized. The course addresses core management functions including planning, organizing, directing and controlling. Students gain hands-on experience with strategic planning, budgeting, marketing, program evaluation and conflict management.

Prerequisites: None**Offered:** Every year, Spring and Summer**OTD 531. Leadership and Change.****2 Credits.**

This course addresses the means to become an "agent of change" within the occupational therapy environment using leadership approaches. Leadership theories are addressed and applied to supervision, advocacy, and mentoring. Students self-reflect on leadership and communication styles and strategies to promote effective supervision for groups both internal and external to occupational therapy.

Prerequisites: None**Offered:** Every year, Summer**OTD 580. Fieldwork Level IIA.****5-6 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**OTD 581. Fieldwork Level IIB.****5-6 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 OTD 580.

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

OTD 582. Professional Development.**2 Credits.**

This course focuses on the current issues related to transitioning from student to professional roles and responsibilities. Topics include updates in the OT profession with a focus on official documents; emerging roles of OT in practice; credentialing, licensure and continuing competence/professional development. Contemporary issues of practice such as access to services, advocacy and inter-/intra-professional collaboration are explored.

Prerequisites: None**Offered:** Every year, January and Spring**OTD 751. Capstone Seminar I - Exploration.****2 Credits.**

This course is the first of a series of capstone seminars designed to assist the students in understanding the elements and process of developing a culminating signature project in the OTD program. Students explore personal interests, opportunities and the social context around topic areas. They develop skills of conducting an environmental scan and needs assessment relative to their project interests. Students identify program evaluation methods and ultimately present a capstone proposal as an initial plan for their capstone project.

Prerequisites: None**Offered:** Every year, Fall**OTD 752. Knowledge Translation and Synthesis.****3 Credits.**

This course focuses on the assessment, review and utilization of research to inform policy and improve practice. Students actively engage in multiple components of the knowledge translation process including defining the problem, searching for and critically appraising the evidence. Students work in small groups to apply this information to the development of a clinical practice guideline. Competencies acquired in this course are integral to the Capstone process.

Prerequisites: None**Offered:** Every year, Spring**OTD 753. Capstone Seminar II - Planning.****1-2 Credits.**

This course is the second of a series of Capstone seminars leading to the Doctoral Capstone Experience and Project. This course is specifically designed to assist the students in finalizing their Doctoral Capstone Project (DCP) proposal based on a needs assessment. Students are expected to complete a comprehensive literature review that serves as justification for the DCP.

Prerequisites: None**Offered:** Every year, Spring and Summer**OTD 753S. Capstone Seminar II.****1 Credit.**

This course is the second of a series of Capstone seminars leading to the Doctoral Capstone Experience and Project. This course is specifically designed to assist the students in finalizing their Doctoral Capstone Project (DCP) proposal based on a needs assessment. Students are expected to complete a comprehensive literature review that serves as justification for the DCP.

Prerequisites: None**Offered:** Every year, Fall**OTD 754. Capstone Seminar III - Preparation.****2 Credits.**

This course is the third of a series of capstone seminars designed to assist the students in planning their Doctoral Experiential Component. Under faculty mentorship, students design a 14-week experience and project plan that outlines goals and objectives, as well as formal evaluation mechanism. Students write the methods section of the formal capstone project paper.

Prerequisites: None**Offered:** Every year, January and Spring**OTD 760. Principles of Teaching & Learning.****2 Credits.**

This course introduces students to the principles of the teaching-learning process to meet the needs of clients, communities, other health providers, and the public. Concepts discussed include health literacy, assessment of learning outcomes, factors which may influence the teaching-learning process, instructional methods, and best practices in clinical and academic teaching.

Prerequisites: None**Offered:** Every year, Fall and Spring**OTD 762. Health Policy, Law & Advocacy.****2 Credits.**

This course prepares students as future leaders of the profession who need an understanding of the political and legal policies impacting occupational therapy, as well as the ethics involved in decision making. The role of the occupational therapist in advocacy and concepts of social justice are explored.

Prerequisites: None**Offered:** Every year, Spring and Summer**OTD 764. Business Leadership and Entrepreneurship.****2 Credits.**

This course provides an overview of business development and entrepreneurship for occupational therapy practitioners within today's health care environment, including public initiatives for health and wellness and prevention for society. Leadership concepts are threaded in the context of a business enterprise.

Prerequisites: None**Offered:** Every year, Spring**OTD 790. Doctoral Project Seminar.****1-2 Credits.**

This seminar course is designed to facilitate the completion of the student's Doctoral Capstone Project and promote an in-depth reflection on the program learning outcomes. The seminar runs concurrently with the Doctoral Capstone Experience where specific competencies representing in-depth knowledge of practice are synthesized. The final outcome of the seminar is a scholarly manuscript and public dissemination of the Doctoral Capstone Project.

Prerequisites: None**Offered:** Every year, Spring and Summer**OTD 791. Doctoral Experience.****5-6 Credits.**

The Occupational Therapy Doctoral Experience is a culminating experience in the OT curriculum to develop occupational therapists with skills beyond a generalist level. The experience provides the student with an in-depth learning opportunity in one or more (but not limited to) of the following areas of practice: education, clinical practice skills, advocacy, policy development, administration, research, program development and evaluation. The experiential component requires a total of 448 hours.

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