

# OCCUPATIONAL THERAPY (MOT)

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## **MOT 5030 - Application of Occupational Therapy Practice**

0 or 3 Credits

This course focuses on socialization to the profession through fieldwork, problem-based learning, and interprofessional experiences. Skill development in this course includes professional collaboration, giving and receiving feedback, clinical reasoning, professional behaviors. Fieldwork experiences and case studies allows students to apply knowledge and approaches learned in other courses throughout the curriculum.

### **Restrictions:**

Enrollment limited to students in the Occupational Science Therapy department.

## **MOT 5040 - Application of Occupational Therapy Practice 2**

0 or 3 Credits

This course focuses on preparation for professional practice through classwork related to professional, federal and state regulations governing occupational therapy practice, professional organizations, preparation for level II fieldwork, and preparation for navigating the job market. Learning occurs through fieldwork, problem-based learning, and inter- and intra-professional experiences. Skill development in this course includes professional collaboration, giving and receiving feedback, clinical reasoning, and professional behaviors. Fieldwork experiences and case studies allows students to apply knowledge and approaches learned in other courses throughout the curriculum.

### **Restrictions:**

Enrollment limited to students in the Occupational Science Therapy department.

## **MOT 5100 - Functional Anatomy for Occupational Therapy**

0 or 3 Credits

This course is an in-depth study of the neuromusculoskeletal structures and functions of the human body. Emphasis is placed on anatomical concepts and relationships relevant to occupational engagement for use in occupational therapy practice.

### **Restrictions:**

Enrollment limited to students in the Doisy College Health Sciences college.

## **MOT 5150 - Kinesiology**

0 or 3 Credits

This course will study human motion with the emphasis on understanding movement in the context of occupational engagement. Students will analyze the movement needed to complete an activity, determine body structures and function responsible for completion of the task, and adapt or modify the activity or context to allow participation. This class forms a basis for assessment of musculoskeletal movement and strength needed for future courses and clinical application.

### **Restrictions:**

Enrollment limited to students in the Occupational Science Therapy department.

**Attributes:** Health & Rehab Sciences

## **MOT 5170 - Neuroscience in Occupational Therapy**

3 Credits

This course establishes the foundations of neuroscience related to occupational performance. Topics include an overview of the structure and function of the nervous system as they relate to occupational performance. The interaction between the central, peripheral, autonomic, sensory, and motor systems are explored. Students will participate in learning experiences to integrate knowledge of neuroscience as a foundation for occupational therapy practice.

### **Restrictions:**

Enrollment limited to students in the Occupational Science Therapy department.

## **MOT 5200 - Health Conditions and Occupational Implications**

3 Credits

This course addresses health and social conditions and the associated occupational implications. Topics explore the literature and first person accounts of occupational disruption from disability caused by illness or social circumstances.

### **Restrictions:**

Enrollment limited to students in the Occupational Science Therapy department.

## **MOT 5250 - Administration & Leadership in Occupational Therapy**

3 Credits

This course explores policy, leadership, service delivery, and navigation of healthcare, political, and societal systems relevant to occupational therapy. Frameworks of advocacy and leadership are employed to navigate systems for optimized occupational engagement for persons, groups, and populations. Principles of program planning and management, utilization of resources, quality improvement, professional expectations and role development within occupational therapy are discussed.

### **Restrictions:**

Enrollment limited to students in the Occupational Science Therapy department.

**Attributes:** Health & Rehab Sciences

## **MOT 5300 - Foundations of Occupational Therapy Practice**

3 Credits

This course introduces the learner to the foundations of occupational therapy practice. The history of the profession and its evolution through a succession of paradigm shifts is explored. The tenets of occupational therapy are explored including occupational analysis, the domain and process of occupational therapy, professional behavior and safety, the continuum of care, effective communication, health literacy, and preparation for fieldwork education.

### **Restrictions:**

Enrollment limited to students in the Occupational Science Therapy department.

**Attributes:** Health & Rehab Sciences

**MOT 5350 - Theoretical Perspectives of Occupational Therapy**

3 Credits

This course introduces the nature and components of theoretical knowledge which guide occupational therapy practice including the interrelated nature of theories, models, and frames of reference. The course examines the process of theory development and how theoretical knowledge influences practice to promote health for persons, groups, and populations.

**Restrictions:**

Enrollment limited to students in the Occupational Science Therapy department.

**MOT 5370 - Occupational Therapy Assessments Throughout the Lifespan**

3 Credits

This course establishes the foundation for selecting and implementing assessment tools that will be used in practice courses later in the curriculum. This includes the exploration, examination, selection, administration, and interpretation of a variety of measurement tools used in multiple occupational therapy practice settings across the lifespan.

**MOT 5400 - Occupational Therapy Practice with Adults 1**

0 or 3 Credits

This course focuses on professional occupational therapy skills and abilities for working with adults in traditional practice settings. Using the Occupational Therapy Practice Framework, appropriate OT frames of reference, and contextual influences, students apply clinical reasoning as they promote meaningful occupational engagement and health through holistic assessment, intervention, and discharge planning. Learning occurs in both classroom and lab settings.

**Restrictions:**

Enrollment limited to students in the Occupational Science Therapy department.

**Attributes:** Health & Rehab Sciences

**MOT 5410 - Occupational Therapy Practice in Mental Health**

0 or 3 Credits

This course focuses on professional occupational therapy knowledge, skills, and attitudes for working with clients with mental health conditions or disorders in both traditional and nontraditional practice settings. Using the Occupational Therapy Practice Framework, appropriate OT frames of reference, and contextual influences, students apply clinical reasoning as they promote meaningful occupational engagement and health through holistic assessment, intervention, and discharge planning. Learning occurs in both classroom and lab settings.

**Restrictions:**

Enrollment limited to students in the Occupational Science Therapy department.

**Attributes:** Health & Rehab Sciences

**MOT 5450 - Occupational Therapy Practice with Children and Youth 1**

0 or 3 Credits

This course focuses on occupational therapy assessment and intervention with infants and children in traditional pediatric practice settings. Students will apply knowledge from previous courses related to the Occupational Therapy Practice Framework, occupational therapy frames of reference, and assessment to children. Students apply clinical reasoning as they promote holistic, family-centered occupational engagement and health through assessment, intervention, and discharge planning. Learning occurs in both classroom and lab settings.

**Restrictions:**

Enrollment limited to students in the Occupational Science Therapy department.

**Attributes:** Health & Rehab Sciences

**MOT 5460 - Occupational Therapy with Aging Adults**

3 Credits

This course builds upon the foundation of occupational science and occupational therapy services to prepare students to engage in holistic occupational therapy practice in a wide array of intervention settings across the lifespan. Students will develop an understanding of conceptual models for community-based practice in a variety of areas including: community mental health, primary care, transition pre-post incarceration and military, primary and secondary prevention of chronic conditions, public health, and community mobility. This course will build off of previous knowledge and apply it to community-based settings for holistic practice.

**Restrictions:**

Enrollment limited to students in the Occupational Science Therapy department.

**MOT 5480 - Occupational Therapy & Upper Extremity Rehabilitation**

2 Credits

This course focuses on the evaluation and treatment of upper extremity dysfunction from an occupational therapy perspective. This lecture/lab combination covers nerve and muscular/orthopedic issues throughout the upper extremity with an emphasis on the wrist and hand. Multiple orthotics are fabricated in the lab portion of this course. Lab included.

**Restrictions:**

Enrollment limited to students in the Occupational Science Therapy department.

**MOT 5550 - Occupational Therapy Practice with Adults 2**

0 or 3 Credits

This course builds on previous adult coursework and focuses on professional occupational therapy skills and abilities for working with adults in traditional practice settings. Using the Occupational Therapy Practice Framework, appropriate OT frames of reference, and contextual influences, students apply clinical reasoning as they promote meaningful occupational engagement and health through holistic assessment, intervention, and discharge planning. Learning occurs in both classroom and lab settings.

**Restrictions:**

Enrollment limited to students in the Occupational Science Therapy department.

**Attributes:** Health & Rehab Sciences

**MOT 5560 - Occupational Therapy Practice in the Community**

0 or 3 Credits

This course focuses on professional occupational therapy skills and abilities for working with clients across the lifespan in a wide array of community settings. Using the Occupational Therapy Practice Framework, appropriate OT frames of reference, and contextual influences, students apply clinical reasoning as they promote meaningful occupational engagement and health through holistic assessment, intervention, and discharge planning. Additional content builds program development and program evaluation skills. Learning occurs in both classroom and lab settings.

**Restrictions:**

Enrollment limited to students in the Occupational Science Therapy department.

**Attributes:** Health & Rehab Sciences

**MOT 5570 - Specialty Occupational Therapy Practice**

2 Credits

This course focuses on professional occupational therapy skills and abilities for working within a specialty occupational therapy practice area. Using the Occupational Therapy Practice Framework, appropriate frames of reference, and contextual influences; students apply clinical reasoning as they promote meaningful occupational engagement and health through holistic assessment, intervention, and discharge planning. Learning occurs in both classroom and lab settings. Students will select one specialty practice area from among multiple offered in the same semester.

**MOT 5580 - Emerging and Focused Practice in Occupational Therapy**

0 or 3 Credits

This course explores and analyzes a variety of emerging and focused practice areas in occupational therapy. Specific topic selection will be based on the timeliness of topics.

**MOT 5600 - Occupational Therapy Practice with Children and Youth 2**

0 or 3 Credits

This course focuses on occupational therapy assessment and intervention with children and youth in traditional pediatric practice settings. Students will apply knowledge from previous courses related to the Occupational Therapy Practice Framework, occupational therapy frames of reference, assessment and intervention. This course builds specifically on knowledge from OT Practice with Children & Youth 1. Students apply clinical reasoning as they promote holistic, family-centered occupational engagement and health through assessment, intervention, and discharge planning for children zero through 21. Learning occurs in both classroom and lab settings.

**Restrictions:**

Enrollment limited to students in the Occupational Science Therapy department.

**MOT 5610 - Quantitative Research Methods in Occupational Therapy**

2 Credits

This course focuses on scholarly inquiry and appreciation of evidence based practice in occupational therapy. Quantitative designs and methodologies including statistical analysis are reviewed to develop skills as consumers of the literature. Additional topics include research ethics and research grants.

**MOT 5611 - Occupational Therapy Graduate Research Project 1**

1 Credit

This is the first course in a 3 - 4 course optional graduate research sequence that offers an applied research experience under the mentorship of a faculty researcher.

**MOT 5620 - Qualitative Research Methods in Occupational Therapy**

2 Credits

This course focuses on scholarly inquiry and appreciation of evidence based practice in occupational therapy. Qualitative approaches and methods including qualitative analysis are reviewed to develop skills to design and implement qualitative research and consume qualitative literature to inform practice.

**MOT 5621 - Occupational Therapy Graduate Research Project 2**

1 Credit

This is the second course in a 3 - 4 course optional graduate research sequence that offers an applied research experience under the mentorship of a faculty researcher.

**MOT 5631 - Occupational Therapy Graduate Research Project 3**

1 Credit

This is the third course in a 3 - 4 course optional graduate research sequence that offers an applied research experience under the mentorship of a faculty researcher.

**MOT 5641 - Occupational Therapy Graduate Research Project 4**

1 Credit

This is the fourth course in a 3 - 4 course optional graduate research sequence that offers an applied research experience under the mentorship of a faculty researcher.

**MOT 5660 - Applied Research IV**

1-6 Credits

Building upon the foundation established in the previous Applied Research courses, this seminar course lays additional groundwork for an entry-level occupational therapy practitioner's appreciation of the role of scientific inquiry in the field. Students complete a significant portion of their master's project, which is related to their faculty mentor's scholarship.

**Restrictions:**

Enrollment limited to students in the Occupational Science Therapy department.

**MOT 5700 - Advanced Fieldwork I**

6 Credits

This practicum course engages students in a supervised, 12#week Level II Fieldwork experience. Level II Fieldwork is an integral part of occupational therapy education that facilitates the transition from the didactic curriculum to the clinical setting. During this course, students will have the opportunity to apply OT knowledge in a clinical setting, develop clinical reasoning through reflective practice, refine professional behaviors, apply ethical standards to clinical cases, and ultimately, develop entry#level OT skill.

**Restrictions:**

Enrollment limited to students in the Occupational Science Therapy department.

**MOT 5750 - Advanced Fieldwork II**

3 or 6 Credits (Repeatable up to 6 credits)

This practicum course engages students in a supervised, 12-week Level II Fieldwork experience. Level II Fieldwork is an integral part of occupational therapy education that facilitates the transition from the didactic curriculum to the clinical setting. During this course, students will have the opportunity to apply OT knowledge in a clinical setting, develop clinical reasoning through reflective practice, refine professional behaviors, apply ethical standards to clinical cases, and ultimately, develop entry-level OT skill.

**Restrictions:**

Enrollment limited to students in the Occupational Science Therapy department.

**MOT 5980 - Graduate Independent Study in Occupational Therapy**

1-6 Credits (Repeatable for credit)

Independent project within the Occupational Science and Occupational Therapy Department. Course objectives will be identified through student and faculty consultation. Offered every semester.

**Restrictions:**

Enrollment limited to students in the Occupational Science Therapy department.