

Occupational Therapy

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Courses

Visit online course listings to view offerings for M01 OT.

M01 OT 595 Independent Study

Active participation in research activities with Program faculty. A written plan of study agreed upon by faculty and student. Permission of faculty advisor required.

Credit variable, maximum 6 units.

M01 OT 611 Professional Immersion in Occupational Therapy

This foundational course prepares students to manage the changing paradigms of health care that are encountered in future practice. Students are introduced to settings across the continuum of care, professional team roles, and health policy which are integrated into future coursework. Health informatics systems support professional practice and are explored as a means to understand continuum of service delivery, documentation, and reimbursement systems. Students learn foundational tools of the profession, including the current practice framework and activity analysis.

Credit 3 units.

M01 OT 612 Neuroscience Principles Supporting Occupational Performance

This foundational course explores the structures and functions of the nervous system as they relate to occupational performance. Students develop a basic understanding of the neural mechanisms that underlie motor function, sensation, perception, cognition, and affect.

Credit 3 units.

M01 OT 613 Theoretical Foundations Supporting Occupational Performance

This course explores the philosophical and theoretical foundations of the profession. The evolving theories, models, and frames of reference which support occupational therapy research and practice are compared and applied to case scenarios. Emphasis will be on the PEOP model of occupational performance and the core principles of client-centered care and disability. The meaning and complexity of occupation and occupational performance will be explored as students gain an understanding of humans as occupational beings.

Credit 2 units.

M01 OT 614 Elements of Research Design and Use of Data

Building on prerequisite knowledge, the student engages in research design and data analysis. Students locate sources of grant funding, compose an IRB proposal, identify appropriate statistical analyses of data based on the research question, evaluate the psychometrics of assessments, and analyze both qualitative and quantitative data.

Credit 3 units.

M01 OT 615 Fundamentals of Professional Communication

This course provides foundational skills in effective verbal and nonverbal communication for all aspects of occupational therapy practice. Evidenced-based models of professional communication are presented with an emphasis on therapeutic modes of communication. Students develop competency in therapeutic use of self, stages of change, group dynamics, leadership and roles, and the process of conducting an occupational profile using semi-structured assessment.

Credit 3 units.

M01 OT 616 Professional Identity and Practice I

This four-course series emphasizes the personal and professional growth of the student as a representative of the profession and institution. The initial course of the series introduces students to empathy, professional behaviors, ethical practice, professional development, interprofessional collaboration, and field experiences. Students are supported in establishing their role in an inclusive and respectful learning community, and their contribution to group culture. Development of professional behavior, presence, and correspondence is emphasized.

Credit 2 units.

M01 OT 627 Enabling Community Living

Students learn about the role of occupational therapy in population health and community environments. Topics include social determinants of health, universal design and environmental management, social policy, cultural influences, technology for recreation and exercise, and community mobility. Students engage in the assessment of the accessibility of community environments.

Credit 2 units.

M01 OT 641 Elective MSOT to PhD Mentored Scholarship II

This is the second in a three-course sequence in which students participate in a mentored scholarship experience to prepare for entry into a PhD program. Students conduct clinical research or engage in the scholarship of teaching and learning under the direction of a researcher. Learning experiences include designing, implementing, evaluating, and disseminating research to advance knowledge translation, professional practice, service delivery, or professional issues. Students will actively participate in a research laboratory as a means to gain exposure to the skills needed to run an independent laboratory as a career scientist.

Credit 2 units.

M01 OT 642 Evaluation and Intervention: Adults and Older Adults I

This course explores the person, environment, and occupation factors that influence occupational performance of adults and older adults. Students evaluate these factors, interpret findings, and design components of intervention plans using applicable theories, models, frames of reference and best evidence. Mechanisms for reimbursement, re-evaluation, and discharge planning as applicable to various practice settings are addressed.

Credit 6 units.

M01 OT 643 Case-Based Learning II: Occupational Performance Enabling Participation

In this second of a three-semester sequence, students continue to study select health conditions and apply the occupational therapy process to cases under the guidance of a facilitator. Students integrate concepts learned in the evaluation and intervention coursework to design comprehensive evidence-based intervention plans using applicable

theories, models, frames of reference and best evidence. They select assessments, plan interventions, delineate OT/OTA roles, and make discharge recommendations that are client-centered and incorporate appropriate community resources.
Credit 3 units.

M01 OT 645 Management Strategies for a Changing Practice Environment I

This is the first of a two-course series examining management and organizational principles for occupational therapy services as delivered in multiple practice environments. Students perform a needs assessment, begin building capacity with a community partner, and develop a business or program plan. Interactions with managers, clinic leaders, community agencies, interprofessional teams, and other entrepreneurs allow students the opportunity for experiential learning.
Credit 3 units.

M01 OT 646 Professional Identity and Practice III

This four-course series emphasizes the personal and professional growth of the student as a representative of the profession and institution. Students continue to develop professional identity and ethical practice in this third course. Students reflect on individual contributions to institutional culture, mission, vision, and core values. Supervised experiences in a clinical or community setting allow the student to practice skills and behaviors learned in the classroom.
Credit 2 units.

M01 OT 648 OTD Mentored Scholarship II

This is the second in a three-course sequence in which students participate in a mentored scholarship experience. Students conduct clinical research, clinical and community program development, or the scholarship of teaching and learning within the mentor's line of scholarship. Learning experiences will include designing, implementing, evaluating, and disseminating research to advance knowledge translation, professional practice, service delivery, or professional issues.
Credit 2 units.

M01 OT 650 Theories, Models and Classifications

This course will explore the historical and theoretical foundations of Rehabilitation and Participation Science and track the development of rehabilitation models and classification systems. Students will find and use specific theories to ground their understanding of the area of their specialization, and they will be taught how to classify and apply levels of evidence to build the background for their doctoral work. The course will be team-taught with students and include faculty presentations and discussions.
Credit 3 units.

M01 OT 651 Elective MSOT to PhD Mentored Scholarship III

This is the third in a three-course sequence in which students participate in a mentored scholarship experience to prepare for entry into a PhD program. Students conduct clinical research or engage in the scholarship of teaching and learning under the direction of a researcher. Learning experiences include designing, implementing, evaluating, and disseminating research to advance knowledge translation, professional practice, service delivery, or professional issues. Students will actively participate in a research laboratory as a means to gain exposure to the skills needed to run an independent laboratory as a career scientist.
Credit 2 units.

M01 OT 652 Evaluation and Intervention: Adults and Older Adults II

This course explores the person, environment, and occupation factors that influence occupational performance of adults and older adults. Students evaluate these factors, interpret findings, and design components of intervention plans using applicable theories, models, frames of reference and best evidence. Mechanisms for reimbursement, re-evaluation, and discharge planning as applicable to various practice settings are addressed.
Credit 6 units.

M01 OT 653 Case-Based Learning III: Occupational Performance Enabling Participation

In this last course of the series, students continue to study select health conditions and apply the occupational therapy process to cases under the guidance of a facilitator. Students integrate concepts learned in the evaluation and intervention course work to design comprehensive evidence-based intervention plans using applicable theories, models, frames of reference and best evidence. They select assessments, plan interventions, delineate OT/OTA roles, and make discharge recommendations that are client-centered and that incorporate appropriate community resources.
Credit 3 units.

M01 OT 655 Management Strategies for a Changing Practice Environment II

This is the second of a two-course series that examines management and organizational principles for occupational therapy services as delivered in multiple practice environments. Students implement and evaluate a community program, report an outcomes and sustainability plan back to the community, and prepare an application for funding based on the need for services. Interactions with managers, clinic leaders, community agencies, interprofessional teams, and other entrepreneurs allow students the opportunity for experiential learning.
Credit 3 units.

M01 OT 656 Professional Identity and Practice IV

This four-course series emphasizes the personal and professional growth of the student as a representative of the profession and institution. This last course addresses preparation for national certification, state requirements for scope of practice and licensure, interprofessional collaboration, supervision of other OT personnel, ethical behavior, continuing competence and professional service. Orientation to Level II fieldwork is covered.
Credit 2 units.

M01 OT 658 OTD Mentored Scholarship III

This is the third in a three-course sequence in which students participate in a mentored scholarship experience. Students conduct clinical research, clinical and community program development, or the scholarship of teaching and learning within the mentor's line of scholarship. Learning experiences will include designing, implementing, evaluating, and disseminating research to advance knowledge translation, professional practice, service delivery, or professional issues.
Credit 2 units.

M01 OT 660 Biopsychosocial Factors Influencing Performance

The course will provide an in-depth understanding of the biomedical research literature pertaining to factors that influence performance. The course focuses on psychological, physiological, sensory, perceptual, motor, cognitive processes as well as subjective and objective assessments of the environment for home, work and community contexts that contribute to performance and performance changes

with rehabilitation. The course will be team taught with a combination of lecture and seminar formats to lay the foundational principles of performance and to discuss how the capacity to perform supports participation.

Credit 3 units.

M01 OT 670 Environment Factors and Participation

The course will provide an in-depth understanding of person-environment interactions and the link between biomedical factors and community participation. The course focuses on the physical, technology and policy aspects of the environment that impact participation of persons with or at risk for chronic illness or disability. The course will be team taught with a combination of lecture and seminar formats.

Credit 3 units.

M01 OT 680 Measurement Theory and Development

The course will provide a broad framework and specific knowledge for assessment in areas of rehabilitation and participation. The course focuses on psychological, physiological, sensory, perceptual, motor, cognitive processes as well as subjective and objective assessments of the environment for home, work and community contexts. The course will be team taught with a combination of lecture and discussion formats.

Credit 3 units.

M01 OT 681 Implementing PEOP in Practice

Using the Person-Environment-Occupation-Performance (PEOP) model, students synthesize interdisciplinary knowledge from literature and theory to develop an assessment and intervention model for a population. This model relates to the student's mentored scholarship or capstone experience to support best practice with a select population.

Credit 4 units.

M01 OT 682 Translational Science in Action

Students explore the construct of translational science and the challenges of integrating evidence into practice. Advocating for and using evidence in clinical settings has many barriers; strategies to influence professional practice through application of evidence are integral to this course.

Credit 3 units.

M01 OT 683 Leading Change in Practice

This course immerses students in the basic principles of personal and professional leadership theories and practices necessary for success in a dynamic healthcare environment. A variety of methods for planning, implementing, and evaluating change in various settings are addressed.

Credit 3 units.

M01 OT 690 Rehabilitation Neuroscience

The role of experience in shaping brain functions is a central question in psychology and neuroscience. The prevailing view is that the functional organization of even the mature brain is dynamic -- changing in response either to increases or decreases in stimulation. However, this has not always been the accepted perspective. Even now, many fundamental questions remain, and the answers should directly impact the way that we approach learning and the rehabilitation (re-learning) in the future. Just what are the limits on plasticity in the adult brain? How should environments be structured to exploit this capacity effectively? Is all reorganization behaviorally relevant? What factors contribute to adaptive, as opposed to maladaptive, changes? Together, we will consider historical perspectives on, and what is presently known about, these and related questions.

Credit 3 units.

M01 OT 691 Doctoral Capstone Proposal

Students prepare for the capstone experience and develop a plan for an in-depth experience in advanced clinical practice, scholarship, administration, leadership, advocacy, program and policy development, education, or theory development. Students develop specific learning objectives for the capstone in collaboration with a mentor.

Credit 2 units.

M01 OT 692 Doctoral Capstone Project

Students document the scholarship achieved in the capstone experience. Evidence of scholarship may include the protocol for a community program, a business development plan, a systematic review of the literature, a research manuscript, course syllabi or course development materials, policies and procedures, or other scholarly writing that demonstrates a synthesis of the knowledge gained in the capstone experience. The course culminates with dissemination of the scholarly work.

Credit 1 unit.

M01 OT 693 Doctoral Capstone Experience

This course provides a 14-week customized student experience specific to doctoral pursuits and allows for the development of in-depth knowledge in an area of interest. Students engage in advanced clinical practice, scholarship, administration, leadership, advocacy, program and policy development, education, or theory development, and work toward achieving individual learning objectives established in collaboration with a mentor and onsite supervisor.

Credit 7 units.

M01 OT 7011 Literature and EBP for the OT Practitioner

In this course, students will critically analyze professional and non-professional literature and evidence to answer occupational therapy practice questions and guide decision-making and professional reasoning. The course covers topics such as literature search strategies, critical appraisal of research articles and gray literature, and application of evidence to practice. Students will learn to use evidence-based practice to improve outcomes, increase efficiency, and enhance their own professional development. As part of the course, students will compile a literature review to guide their doctoral project.

Credit 3 units.

M01 OT 7021 Advanced Theory Implementation

Students learn to critically analyze educational, developmental, and environmental theories and use them to guide decision-making and professional reasoning. By course completion, students will have the skills and knowledge necessary to apply a wide variety of theories and models in their professional and clinical practice. As part of the course, students will write a theoretical basis summary to guide their doctoral project.

Credit 3 units.

M01 OT 7041 Advanced Practice through Experiential Learning

This course provides students the opportunity to implement and evaluate their doctoral projects. In conjunction with the course instructor and the doctoral project mentor, students will implement a plan, document the outcomes, and strategically evaluate the results in preparation for dissemination. Student participation in this course is primarily self-driven with general oversight provided by the course instructor and doctoral mentor. There will be the opportunity for collaboration with peers throughout the course.

Credit 3 units.

M01 OT 710 Lab Practicum

Laboratory practicum is designed to permit the student to learn the basic processes of their selected laboratory. The practicum will involve on-going research projects and can be both laboratory and clinical in nature.

Credit 2 units.

M01 OT 720 Teaching Practicum I

The teaching practicum provides an opportunity to engage in a focused and supervised classroom teaching experience. The student's teaching should be in a content area relevant to the student's area of interest.

Credit 1 unit.

M01 OT 721 Teaching Practicum II

The teaching practicum provides a continued opportunity to engage in a focused and supervised classroom teaching experience. The student's teaching should be in a content area relevant to the student's area of interest.

Credit 1 unit.

M01 OT 7220 Implementing Best Practices in Teaching

This course is designed for healthcare professionals who want to improve their teaching practice by implementing evidence-based best practices in their instructional strategies. Students will learn how to use best practices to create effective lesson plans, deliver engaging and interactive instruction, create inclusive learning environments, promote diversity, equity, and inclusion in educational settings, and implement innovative teaching techniques. By course completion, students will have the skills and knowledge necessary to apply best practices in teaching to their educational settings, ultimately leading to improved learner outcomes.

Credit 3 units.

M01 OT 7310 Outcomes Focused Leadership

This course focuses on developing leadership skills that prioritize outcomes and results in both healthcare and non-traditional settings. The course covers topics such as setting and measuring goals, outcome evaluation, data-driven decision-making, and accountability. Students will engage in case studies and practical exercises to develop hands-on experience. By course completion, students will be well-equipped to lead their teams towards achieving measurable and impactful outcomes.

Credit 3 units.

M01 OT 7400 Doctoral Project: Ideate

In this 1-credit course, students will learn the fundamentals of project management and collaborate with their doctoral mentor, the course faculty, and peers to begin to develop their doctoral project. This course integrates content from the core courses to facilitate the completion of an evidence-based and theory-driven doctoral project concept. This course also includes required networking and regular meetings with the student's doctoral mentor.

Credit 1 unit.

M01 OT 7420 Doctoral Project: Implement and Evaluate

This course focuses on implementing and evaluating the doctoral project plan designed in the previous semester. It runs concurrently with the "Advanced Practice through Experiential Learning" course where the doctoral project is implemented. This course also includes required networking and regular meetings with the student's doctoral mentor.

Credit 1 unit.

M01 OT 770 Research Seminar

Regular meeting where research is presented and discussed. Presentations will be made by Washington University faculty, faculty outside the university, and students.

Credit 1 unit.

M01 OT 780 Research Practicum

The mentored research credit units will be used to develop the research skills of the student. The student will work with the mentor's guidance to conduct research that adds value to the laboratory and gains experience for the student. The mentored independent studies should lead to refereed publications and may contribute to the dissertation research.

Credit variable, maximum 12 units.

M01 OT 9000 Full-time Graduate Research/Study
