

OCCUPATIONAL THERAPY (OTP)

OTP 500: Introduction to Occupational Therapy (3 credits)

Basic concepts important to occupational therapy are addressed. National, state, and local organizations important to the occupational therapist are covered. Foundations for teaching and learning, ethics, professionalism, and clinical skills are introduced. The history of occupational therapy, the Occupational Therapy Practice Framework, and activity analysis are covered. Students participate in analyzing activities across the lifespan for therapeutic value. Topics of medical terminology, clinical observation, client interview, health history, and occupational profile are also addressed. OT theory is introduced and established.

Prerequisite: Permission of the department

OTP 500L: Introduction to Occupational Therapy Lab (1 credits)

Prerequisite: Permission of the department

OTP 502: Integrated Anatomy (3 credits)

This course examines structure and function of the musculoskeletal, integumentary, cardiac, respiratory, and lymphatic systems. The peripheral nervous system is explored as it relates to movement. The lecture component expands on students' knowledge of structures by describing the biomechanics and kinesiology of the musculoskeletal system, including movement analysis and joint mobility. In lab, students develop a working knowledge of anatomical structures. Selected pathology related to the musculoskeletal, integumentary system, and lymphatic systems are examined to support students' application of anatomy concepts to clinically relevant knowledge.

Corequisite: OTP 500

OTP 502L: Integrated Anatomy Lab (1 credits)

Prerequisite: Permission of the department

OTP 504: Foundations of Neuroscience (3 credits)

This course focuses on the application of anatomy and function of the human nervous systems and its role in development, movement, sensation, cognition, perception, and behavior to support the understanding of neurorehabilitation practice. Normal function and dysfunction of the peripheral and central nervous systems are reviewed including the spinal cord, brainstem, cerebrum, visual and vestibular systems. Concepts and knowledge are linked to selected neurological disorders, clinical problems, and case studies.

Prerequisite: Permission of the department

OTP 506: Research I (2 credits)

This course examines the research process, statistical analysis, and evidence-based practice with applicability to occupational therapy practice. Attention is given to critical research methods, analysis, and ethical aspects of scholarly inquiry. Emphasis is placed on how research contributes to the development of occupational therapy knowledge, improves practice, and enhances the education and professional accountability of occupational therapists.

Prerequisite: Permission of the department

Corequisite: OTP 500

OTP 510: Professional Development I: Advocacy, Ethics, and Legislative Issues (3 credits)

This course addresses professional issues in the delivery of healthcare services. Students gain an understanding of the roles of occupational therapy practitioners in advocating for consumers and for the profession. Students gain an understanding of the effects of health and disability on individuals, family, and society. Social, economic, political, and demographic influences on healthcare are analyzed. Reimbursement models of healthcare are introduced. Global healthcare and sociocultural competence are reviewed.

Corequisite: OTP 500 and permission of the department

OTP 511: Research II (3 credits)

Occupational Therapy students learn how to develop a research proposal built on a framework of evidence-based practice. Students are taught how to perform each step in a proposal, are expected to apply to a topic of their choosing, and present their findings to OT faculty and students. Students learn the IRB and grant writing processes.

Prerequisite: OTP 506 and permission of department

OTP 513: Professional Development IV: Occupational Therapy Management (3 credits)

The management functions of healthcare practice are presented and considered in this course that integrates students' knowledge of interventions with information related to the delivery of occupational therapy services. Topics include leadership, supervision, third party reimbursement, quality improvement, regulatory topics, and models of service delivery. Students gain a practical understanding of strategic planning, budgeting, marketing, program evaluation, and ethical problem-solving in administration.

Prerequisite: OTP 500, OTP 515, and permission of the department.

OTP 514: Neurology and Occupational Therapy Practice (3 credits)

Neurological conditions across the lifespan are reviewed with a focus on identifying and assessing occupational therapy's role in client care by applying the occupational therapy practice framework (OTPF) to determine appropriate occupational performance expectations and outcomes. This course builds on previous course instruction of clients with neurological conditions. Students begin to consider the context, environment, performance patterns, performance skills, occupations, and client factors with individuals, groups, and populations. Students explore initial evaluation expectations and outcomes based on conditions in practice. Concepts and knowledge are linked through case studies to build clinical reasoning and application.

Prerequisite: OTP 500, OTP 502, OTP 504, and permission of the department.

OTP 515: Occupational Therapy Professional Reasoning & Clinical Skills (2 credits)

This course provides students the opportunity to develop necessary abilities in the areas of manual skills, safety, clinical judgment, professionalism, and documentation. Therapeutic use of self is explored including self-assessment and reflection. Students demonstrate novice level skills in analyzing occupational profiles, administering and interpreting assessments, and designing interventions. Students are introduced to funding and professional development requirements in the OT field.

Prerequisite: OTP 500 and permission of the department

OTP 521: Level I Fieldwork: Psychosocial Health & Wellness (1 credits)

Students enrich their OT coursework through directed observation and interaction with individuals within a variety of psychosocial settings, virtual or in-person. Students have the opportunity to practice professional behaviors, communication, and leadership skills. Students engage in assignments and reflective activities to support further learning and development of OT clinical skills. Students are responsible for their own transportation to clinical sites. Corequisite or

Prerequisite: OTP 531 and permission of the department

OTP 522: Level I Fieldwork: Pediatric Occupations (1 credits)

Students enrich their coursework through directed observation and interaction with the pediatric population in a variety of settings, virtual or in-person. Students have the opportunity to practice professional behaviors, communication, and leadership skills. Students engage in assignments and reflective activities to support further learning and development of OT clinical skills. Students are responsible for their own transportation to clinical sites.

Prerequisite or corequisite: OTP 531, OTP 550, permission of the department

OTP 523: Level I Fieldwork: Adult Occupations (1 credits)

Students enrich their coursework through directed observation and interaction with adult populations in a variety of settings, virtual or in-person. Students have the opportunity to practice professional behaviors, communication, and leadership skills. Students engage in assignments and reflective activities to support further learning and development of OT clinical skills. Students are responsible for their own transportation to clinical sites.

Prerequisite or corequisite: OTP 531, OTP 540, permission of the department

OTP 530: Mental and Behavioral Health in Occupational Therapy I (3 credits)

The occupational therapy process and domain in relation to mental and behavioral health are reviewed and students begin to develop clinical reasoning skills. Pathology, assessments, and general treatment approaches in mental and behavioral health are addressed. Using the Occupational Therapy Practice Framework as the foundation, students learn evaluation, assessment, and intervention foundations of mental health treatment in occupational therapy, including conceptual models and frames of reference that support this area.

Prerequisite: Permission of the department

Corequisite: OTP 500

OTP 530L: Mental and Behavioral Health in Occupational Therapy I Lab (1 credits)

Prerequisite: Permission of the department

OTP 531: Mental and Behavioral Health in Occupational Therapy II (3 credits)

Group and individual treatments in a variety of mental health settings are covered. Students use the Occupational Therapy Practice Framework as the foundation. Students learn several intervention techniques, counseling skills, treatment planning, and group development and implementation.

Prerequisite: OTP 530 and permission of the department

OTP 531L: Mental and Behavioral Health in Occupational Therapy II (1 credits)

Prerequisite: Permission of the department

OTP 540: Occupational Therapy Process and Domain for Physical Dysfunction (3 credits)

The occupational therapy process and domain in relation to adult physical functioning are reviewed and students begin to develop clinical reasoning skills. This course focuses on occupational therapy evaluation and treatment of adults with orthopedic, systemic, and traumatic disorders. The etiology, signs, symptoms, medical management of common medical and orthopedic disorders are reviewed and their impact on occupational performance are explored. Assessment and treatment approaches focus on biomechanical and rehabilitation frames of reference.

Prerequisite: OTP 500, OTP 502, OTP 504, OTP 506, and permission of the department

Corequisite: OTP 514, OTP 515

OTP 540L: Occupational Therapy Process and Domain for Physical Dysfunction Lab (1 credits)

Prerequisite: Permission of the department

OTP 541: Occupational Therapy Process & Integration for Physical Dysfunction (3 credits)

Students apply learnings from prior courses for holistic occupational therapy evaluation and intervention. Students will demonstrate clinical skills related to neurological client populations, cardiopulmonary care, and systems disorders with a focus on occupational performance of clients with medical conditions.

Prerequisite: OTP 502, OTP 504, OTP 514, OTP 540, and permission of the department

OTP 541L: Occupational Therapy Process & Integration for Physical Dysfunction Lab (1 credits)

Prerequisite: Permission of the department

OTP 542: Occupational Therapy for the Older Adult (3 credits)

This course focuses on assessment and treatment of the older adult population. Theories of aging are introduced and used to adapt occupational therapy interventions to the unique needs of the older adult. Diagnostics and characteristics unique to the aging population are addressed. The use of client-centered practice and meaningful occupation are emphasized for successful aging.

Prerequisite: OTP 531, OTP 540, OTP 541, and permission of the department.

OTP 542L: Occupational Therapy for the Older Adult Lab (1 credits)

Prerequisite: Permission of the department

OTP 543L: Therapeutic Modalities Lab (1 credits)

Appropriate application of physical agent modalities is introduced and reviewed along with the opportunity to practice application of selected modalities. Orthotic fabrication and application is taught via classroom format and lab experience. Safety, precautions and contraindications for specified procedures is emphasized during instruction of physical agent modalities, infection control and wound care, and use of orthoses.

Prerequisite: OTP 502, OTP 504, OTP 540, and permission of the department

OTP 550: Pediatric Occupational Therapy Practice I (3 credits)

The occupational therapy process and domain in relation to pediatric practice settings are reviewed and students begin to develop clinical reasoning skills. This course focuses on typical and atypical development throughout childhood. Activity analysis and frame of reference related to pediatric OT practice are introduced. Students gain an understanding of the roles of OT practitioners when working in a variety of pediatric settings. Students learn screening, assessment, and documentation methods.

Prerequisite: OTP 500, OTP 504, OTP 530, and permission of the department

OTP 550L: Pediatric Occupational Therapy Practice I (1 credits)*Prerequisite: Permission of the department***OTP 551: Pediatric Occupational Therapy Practice II (3 credits)**

This course addresses the practice of occupational therapy related to infants, children, and adolescents. Instruction builds on a cumulative knowledge base to focus on pediatric occupational therapy intervention. Students continue to learn the outcome measures and assessment methods that are appropriate for children and families. Emphasis is on common pediatric diagnoses, OT assessment, documentation, and interventions to address the functional needs of the child within the family and community.

*Prerequisite: OTP 550 and permission of the department***OTP 551L: Pediatric Occupational Therapy Practice II Lab (1 credits)***Prerequisite: Permission of the department***OTP 560: Occupation and Technology (2 credits)**

The use of adaptive technologies and strategies across settings and lifespan are explored. Students are exposed to various resources, equipment, and adaptations available to enhance clients' occupational performance. Students learn to create and adapt commonly used items to address client needs. Students learn the value of both high, mid, and low technology to meet the wide range of client needs to compensate for occupational performance deficits.

*Prerequisite: OTP 500, OTP 515, and permission of the department***OTP 566: OT Practice Settings (3 credits)**

Current and emerging occupational therapy practice settings are explored. Students are exposed to the different roles and responsibilities OTs may have within the workplace in various medical and community-based settings. Students develop a clear understanding of occupational therapy across a continuum of care; identifying the profession's distinct value to various stakeholders. This course is to be taken in the student's final academic semester.

*Prerequisite: OTP 513, OTP 530, OTP 540, OTP 550, and permission of department***OTP 570: Advanced Seminar in Occupational Therapy (0.50 credits)**

This advanced seminar studies occupational therapy treatment principles and applications in the context of Level II fieldwork. Situation-based personal, professional, and ethical issues are incorporated into discussion-based problem solving experiences. Fieldwork supervision models are applied to clinical practice. This class meets online with the academic fieldwork coordinator.

*Corequisite: OTP 590 or OTP 591***OTP 571: Advanced Seminar in Occupational Therapy II (0.50 credits)**

This advanced seminar studies occupational therapy treatment principles and applications in the context of Level II fieldwork. Situation-based personal, professional, and ethical issues will be incorporated into discussion-based problem solving experiences. Study methods for the NBCOT examination are addressed, as well as licensure procedures. Fieldwork supervision models are applied to clinical practice. This class meets online with the academic fieldwork coordinator.

*Lab fee: \$119.00**Corequisite: OTP 590, OTP 591, or permission of the department***OTP 590: Level II Fieldwork (8 credits)**

Level II Fieldwork Supervised field experiences provide the student therapist with an opportunity to apply theory and clinical reasoning skills to the evaluation and treatment of people or populations across the lifespan, with a range of disabilities, in a variety of settings. OTP 590 and 591 are designed to provide students with in-depth experiences in delivering occupational therapy services to clients, focusing on meaningful occupation. Students engage in reflective practice to embrace professional values as responsibilities of the occupational therapist, such as engaging in ethical practice, professional behaviors, and continued competence. The goal of level II fieldwork is to develop competent, entry-level, generalist occupational therapists. Students must meet all level II fieldwork requirements stated in the most recent Bay Path University OT Student Handbook and requested by a student's fieldwork site.

*Prerequisite: Completion of all didactic OTP course requirements or permission of department.**Corequisite: OTP 570***OTP 591A: Level II Fieldwork A (2 credits)**

Level II Fieldwork Supervised field experiences provide the student therapist with an opportunity to apply theory and clinical reasoning skills to the evaluation and treatment of people or populations across the lifespan, with a range of disabilities, in a variety of settings. OTP 590 and 591 are designed to provide students with in-depth experiences in delivering occupational therapy services to clients, focusing on meaningful occupation. Students engage in reflective practice to embrace professional values as responsibilities of the occupational therapist, such as engaging in ethical practice, professional behaviors, and continued competence. The goal of level II fieldwork is to develop competent, entry-level, generalist occupational therapists. Students must meet all level II fieldwork requirements stated in the most recent Bay Path University OT Student Handbook and requested by a student's fieldwork site.

*Prerequisite: Completion of all didactic OTP course requirements or permission of department.**Corequisite: OTP 571***OTP 591B: Level II Fieldwork B (6 credits)**

Level II Fieldwork Supervised field experiences provide the student therapist with an opportunity to apply theory and clinical reasoning skills to the evaluation and treatment of people or populations across the lifespan, with a range of disabilities, in a variety of settings. OTP 590 and 591 are designed to provide students with in-depth experiences in delivering occupational therapy services to clients, focusing on meaningful occupation. Students engage in reflective practice to embrace professional values as responsibilities of the occupational therapist, such as engaging in ethical practice, professional behaviors, and continued competence. The goal of level II fieldwork is to develop competent, entry-level, generalist occupational therapists. Students must meet all level II fieldwork requirements stated in the most recent Bay Path University OT Student Handbook and requested by a student's fieldwork site.

*Prerequisite: Completion of all didactic OTP course requirements or permission of department.**Corequisite: OTP 571*