

# OCCUPATIONAL THERAPY- UNDERGRAD (OTBS)

## **OTBS 10000 Introduction to Occupational Therapy (NLA)**

Explore how practitioners in the field of occupational therapy use purposeful activity to promote health and wellness at individual and population levels. Investigate current areas of practice for occupational therapists and explore the historical roots of the profession. (S,Y)

1 Credit

## **OTBS 10600 Introduction to Occupational Science (LA)**

An overview of the science of human occupation and theoretical models that are used to describe the impact of occupation on individuals. Includes the personal, physical, psychosocial, cultural, and environmental factors of work, self-care, and play/leisure. An introduction to the domain of occupational therapy is included. (F-S, Y)

3 Credits

## **OTBS 20100 Human Development I (LA)**

Explore developmental theories as they pertain to child development and childhood occupations. Study how children develop by examining theories and principles pertaining to the development of cognition, social and emotional behaviors, sensorimotor skills, play skills, and social identities. Apply developmental theories to developmental patterns and observations of children. Prerequisites: OTBS 10000. (F,S,Y)

Attributes: 1

3 Credits

## **OTBS 20200 Human Development II (LA)**

Explore theories and factors influencing typical developmental progression from adolescence through older adulthood. Study how adolescents and adults develop by examining theories and principles pertaining to the development of cognition, social and emotional behaviors, sensorimotor skills, and social identities. Examine self-care, work, play, and leisure occupations related to development and role performances through older adulthood. Prerequisites: OTBS 20100. (F,S,Y)

Attributes: 1

3 Credits

## **OTBS 20600 The Culture of Disability (LA)**

An examination of the historical and sociocultural construction of disability through readings, discussion, film, and personal narrative. The history of several disability groups will be used as case studies to analyze the ideological, socioeconomic, political, and cultural experience of disability. Prerequisites: Sophomore standing or permission of instructor. (F,Y)

Attributes: 1, DV, H, SS

3 Credits

## **OTBS 21000 The Cancer Experience (LA)**

Introduction to the major types of cancer, impact of cancer on the individual, basic medical terminology, cultural differences in types of cancer, and external and internal influences on cancer, as well as treatment, adjustments, and coping strategies. Prerequisites: Sophomore standing. (IRR)

Attributes: SO, TIDE, TMBS

3 Credits

## **OTBS 21100 Occupational Therapy in Life Skills (NLA)**

Concepts of occupational therapy and other allied health disciplines are applied through observation and direct interaction with the neurologically impaired adult population, attending interdisciplinary team meetings and rounds, and seminar group discussions. Emphasis is on integrating professional behaviors, group activities, basic activity analysis, medical record documentation and client/family interaction within a clinical setting. Prerequisites: OTBS 10600. (S,Y)

1-2 Credits

## **OTBS 22000 Adult Clinical Practice in Occupational Therapy (NLA)**

Observation and participation in clinical treatment provided through the OT/PT clinic at Ithaca College. Treatment of occupational therapy adult clients, as well as participation in other occupational therapy services provided by the clinic. The clinic will provide students with an experiential learning opportunity while serving the needs of adults in the college and local communities. Prerequisites: OTBS 10600. (F,S,U,Y)

1 Credit

## **OTBS 22100 Pediatric Clinical Practice in Occupational Therapy (NLA)**

Observation and participation in clinical treatment provided through the OT/PT clinic at Ithaca College. Treatment of occupational therapy pediatric clients, as well as participation in other occupational therapy services provided by the clinic. The clinic will provide students with an experiential learning opportunity while serving the needs of children in the college and local communities. Prerequisites: OTBS 10600. (F,S,U,Y)

1 Credit

## **OTBS 30500 Applied Occupations (NLA)**

Occupational therapy theory and process are the concentration of this course. Selected theoretical approaches used in occupational therapy are introduced, discussed, compared, and critiqued. Analysis of occupations using occupational therapy models is discussed and practiced. Historical, social, cultural, and political influences on theory development are examined. The teaching-learning process in therapy is applied to the therapeutic process. Prerequisites: OTBS 10600; OTBS 33500. (S,Y)

3 Credits

## **OTBS 30600 Occupational Apartheid (LA)**

Expands on content from OTBS 10600. The premise of occupational justice will be explored: personal, political, historical, sociological, cultural, and environmental influences on individual. Engagement in occupation will be analyzed in relation to occupational apartheid. Application of methods to ameliorate identified problems will be incorporated. Prerequisites: OTBS 10600. (S,O)

Attributes: SS

3 Credits

## **OTBS 32000 Clinical Psychiatry in Occupational Therapy (NLA)**

Study of the basic concepts of identification, definition, and management of psychosocial problems. Major pathological syndromes and their etiologies are examined. Includes an introduction to pharmacology and medical terminology. Emphasis is placed on understanding not only the pathology and medical treatment, but also the effect of the condition on the individual's ability to perform functional activities. Additional emphasis will be placed on children, the elderly, and interdisciplinary teams. Prerequisites: PSYC 32100; OTBS 20200. (S,Y)

3 Credits

**OTBS 33500 Individual and Group Work in Health Sciences (LA)**

Focuses on therapeutic use of self in individual and group relationships. Emphasis is on an action-based, helping, problem-solving model to guide individual interventions. Provides the cognitive, affective, and occupational basis to helping groups for various client populations and settings across the life span. Presents knowledge and experiential opportunity to gain skill to be a competent group leader. Lecture and lab format. This course includes a Level I Fieldwork experience. Prerequisites: PSYC 10300; OTBS 10600; OTBS 20100; OTBS 20200; and three credits in sociology and/or anthropology. (F,Y)

4 Credits

**OTBS 38500 Quantitative Concepts in Professional Reasoning (LA)**

An introduction to quantitative concepts as they relate to professional reasoning in clinical contexts. Particular emphasis will be placed on the statistical interpretation of clinical research studies, utilizing the interplay between descriptive and inferential techniques and critical statistical reasoning. Laboratory sessions focus on developing skills for analyzing data using a commercial statistical software package (SPSS), reflecting on concepts related to data analysis, and presenting quantitative information in charts and tables, and written and oral arguments. Corequisite: OTBS 46000. Prerequisites: Math placement group 1 or 2, or successful completion of MATH 10800 or MATH 11000 with a grade of C- or higher; junior standing. (F,Y)

Attributes: QL

3 Credits

**OTBS 39900-39907 Selected Topics in Occupational Therapy**

Topics of current interest to faculty and students. Experimental courses are offered under this number and title. This course may be repeated for credit for different selected topics. Prerequisites: As appropriate to topics. (IRR)

1-3 Credits

**OTBS 40000 Functional Human Anatomy (LA)**

Study of the gross anatomical components of the human body through the use of lecture and lab activities using models and electronic media. Emphasis is placed on the musculoskeletal, neurological, and vascular systems of the human body. Prerequisites: BIOL 20600, PTBS 31300, or EXSS 12000 and EXSS 12100 with a C or higher. (U,Y)

5 Credits

**OTBS 41000 Neuroscience (LA)**

Introduction to the science of the nervous system. Provides a framework for understanding the nervous system and the area of applied neurosciences. This course provides a scientific basis for improved patient care by clarifying the relationships between the nervous system and behavior. Selected laboratory and experiential activities enhance lecture, discussion, and reading materials. Prerequisite: OTBS 40000. (F,Y)

Attributes: NS

3 Credits

**OTBS 42100 Kinesiology (LA)**

The application of gross anatomy to the study of human movement, with emphasis on understanding the interrelated kinetics of normal motion of the musculoskeletal system as they influence functional activities. Evaluation procedures such as manual muscle testing (MMT), joint range of motion (ROM), palpation of surface anatomy, and kinesiological analysis of functional activities are used in laboratory sessions. Prerequisites: OTBS 40000. (F,Y).

Attributes: NS

4 Credits

**OTBS 43000 Applied Interventions in Occupational Therapy (NLA)**

Emphasis is on selected occupational therapy intervention methods. The use of orthotics as a preparatory method in intervention, the evaluation and intervention of biomechanical components, and prosthetics as an occupation-based activity are explored. Adaptation of methods of instructing activities of daily living and design of equipment are also covered. Prerequisites: OTBS 30500; OTBS 40000; OTBS 42100. (S,Y)

3 Credits

**OTBS 44000 Concepts in Adult Occupational Therapy (NLA)**

Concepts in occupational therapy for the adult population will be explored. Practice models that are suitable for the adult client population will be addressed within the context of the occupational therapy process. Includes a case based seminar to integrate theory with practice.

Prerequisites: OTBS 30500; OTBS 40000. (F,Y)

4 Credits

**OTBS 44500 Concepts in Pediatric Occupational Therapy (NLA)**

Concepts in occupational therapy for the pediatric population will be explored. Practice models that are suitable for the pediatric client population will be addressed within the context of the occupational therapy process. Includes a case based seminar to integrate theory with practice. Prerequisites: OTBS 30500; OTBS 40000. (S,Y)

4 Credits

**OTBS 45000 Adult Evaluation and Intervention Processes in Occupational Therapy (NLA)**

The occupational therapy evaluation and intervention processes for the adult population will be explored. This includes development of an occupational profile of the client and conducting an analysis of occupational performance. The intervention phase involves implementation and re-evaluation of the intervention plan. This course includes a clinical FW experience. Prerequisites: OTBS 30500; OTBS 32000; OTBS 40000. (F,Y)

3 Credits

**OTBS 45500 Pediatric Evaluation and Intervention Processes in Occupational Therapy (NLA)**

Explores the occupational therapy evaluation and intervention processes for the pediatric population. Emphasis placed on development of an occupational profile of the client, analysis of occupational performance, and implementation and re-evaluation of the intervention plan. Includes a clinical fieldwork experience. Prerequisites: OTBS 30500; OTBS 40000. (S,Y)

3 Credits

**OTBS 46000 Research Methods in Occupational Therapy (LA)**

Review of the basic methods and designs used in occupational therapy research and inquiry. Includes conceptual foundations of research, basic research methodology, and analysis and interpretation of data and reading and use of scholarly literature to write effective arguments. Emphasizes critical evaluation of occupational therapy research literature based on both quantitative and qualitative methods in order to develop evidence-based practitioners. Development of the components of the individual thesis proposal and comprehensive literature reviews with emphasis on writing for professional audiences. Prerequisites: WRTG 10600 or ICSM 10800 or ICSM 11800. Corequisite: OTBS 38500. (F,Y)

Attributes: WI

3 Credits

**OTBS 46500 Occupational Therapy Research Seminar (NLA)**

A seminar/tutorial-based course that builds on previous classes in research statistics and design, and on clinical/professional courses in the senior year. This course is taken with a faculty member who is conducting research in an area of interest to the student. Construction of a research paper, including the development of a problem statement and research questions suitable for thesis research, and support of these elements with a background, definition, and rationale. Oral presentation of the proposal is required. Prerequisites: OTBS 46000; senior status.

(S,Y)

1 Credit

**OTBS 47100 Adult Clinical Conditions in Occupational Therapy (NLA)**

A study of selected systemic, medical-surgical, orthopedic, and neurological conditions. Basic concepts in the identification, definition, and medical management of these conditions affecting adults and older persons. Emphasis is placed on understanding not only the etiology, pathology, and medical treatment, but also the effect of the condition and its treatment on the person's ability to perform functional activities.

Prerequisites: OTBS 40000. (F,Y)

3 Credits

**OTBS 47500 Pediatric Clinical Conditions in Occupational Therapy (NLA)**

Exploration of the salient medical background of pediatric diseases and conditions. Principles of medical management of selected systemic diseases in children and young adults as a basis for intervention by an occupational therapist. Prerequisites: OTBS 40000; OTBS 41000. (S,Y)

2 Credits

**OTBS 48100 ICC Capstone in OT (LA)**

Exploration and reflection upon the relationship between experiences with the Ithaca College core curriculum courses and the individual as an occupational being and emerging occupational therapy professional. Emphasis on the proposal, design, and creation of a reflective artifact that demonstrates the changes that have occurred as a result of the ICC experience inside and outside of the study of occupational therapy. An analysis of how learning in the Integrative Core Curriculum contributes to the preparation of the individual in the study of occupational therapy will be discussed and developed. Prerequisites: Senior, permission of instructor. (S,Y)

Attributes: CP

1 Credit

**OTBS 49900-49903 Independent Study in Occupational Therapy (NLA)**

Individual research and writing in a particular area of occupational therapy, supervised by a faculty member in the department. An approved design statement is required before registration for this course.

Prerequisites: Permission of supervising faculty member, student's adviser, department chair, and dean. (F-S,Y)

1-3 Credits