

MASTER OF OCCUPATIONAL THERAPY, LOMA LINDA UNIVERSITY
COURSE DESCRIPTIONS

OCTH 501 Professional Foundations I (3 units)

Foundational understanding of the philosophical and historical underpinnings of the occupational therapy profession, and the unique role and therapeutic use of occupation across multiple settings. Introduces the professional paradigms of frames of reference, professional organizations, and occupation in health and society. Initiates the process of therapeutic use of self as a reflective professional.

OCTH 502 Professional Foundations II: Human Occupation (3 units)

Develops an understanding of how occupation, embedded in a diverse social-cultural context, is shaped and changed throughout the human lifespan. Examines the concept of occupation, as defined in occupational therapy and occupation science, in the context of its historical relationship to human adaptation and health. Explores social participation through individual and group occupations.

OCTH 503 Professional Foundations III (1 unit)

Explores occupational science as a foundation for understanding the form, function, and meaning of occupation to inform intervention and guide research for health promotion and wellness. Includes basic elements of grant writing, and opportunity to create a mock grant proposal for innovative program development.

OCTH 505 Occupation-Based Activity Analysis (3 units)

Analyzes activities in all areas of occupations based on dynamic interaction of client factors, performance skills, performance patterns, and contexts. Includes in-depth understanding of the kinesiology components of joint mobility, stability, tone, and power. Relates activity demands to their influence on performance in occupations. Applies concepts to grading and adapting activities and occupations. Prerequisite: AH CJ 510.

OCTH 506 Functional Neuroscience (3 units)

Provides a foundational understanding of neuroscience – including anatomy and function of the central and peripheral nervous systems, neurological conditions related to anatomical structure and function, and relationship of the nervous system to engagement in occupation. Prerequisite: AH CJ 510.

OCTH 507 Trends in Neuroscience (2 units)

Explores current research and practice trends in neuroscience for enhancing understanding of occupational engagement as it relates to health and well-being. Prerequisite: OCTH 506.

OCTH 508 Splinting (1 unit)

Design and fabrication of splints, with reference to various populations across the lifespan. Emphasizes safety precautions and monitoring. Prerequisite: OCTH 505.

OCTH 509 Design and Technology (2 units)

Introduces a broad spectrum of assistive technology to address the gap in occupational performance by examination and assessment of theoretical and societal issues, population and policy trends, scientific advances, environmental constraints, and funding opportunities. Includes case studies and hands-on use of assistive technology to facilitate evaluation, basic design, and resource coordination of technological devices to meet a variety of client and population needs. Explores principles of universal design and public policy that support engagement in the home and community environments.

OCTH 510 Applied Kinesiology (1 unit)

Applies anatomical and mechanical fundamentals of human motion to conduct muscle testing and goniometry. Emphasizes upper extremity. Prerequisite: AHCI 510

OCTH 511 Conditions in Occupational Therapy: Orthopedic (4 units)

Common orthopedic and rheumatological disorders, and the implications for participation in occupations across the lifespan. Introduces safety issues surrounding these disorders, as well as the influence of contexts. Prerequisites: AHCI 510, OCTH 510

OCTH 512 Conditions in Occupational Therapy: Neuroscience (4 units)

Reviews common neurological disorders and the implications for participation in occupations across the lifespan. Examines guiding theories and evidence-based practice. Introduces safety issues surrounding these disorders, as well as the influence of contexts. Prerequisite: OCTH 506.

OCTH 514 Conditions in Occupational Therapy: Behavioral Health (4 units)

Examines common disorders and guiding theories related to behavioral health and the implications for participation in occupations across the lifespan. Explores roles and how occupations and roles are related, resulting in healthy emotional connections and occupational participation. Discusses safety issues surrounding these disorders, as well as the influence of context.

OCTH 515 Conditions in Occupational Therapy: Infants, Children, Youth (4 units)

Reviews common disorders and conditions, along with implications for participation in occupations for infants, children, and youth from individual and family perspectives. Examines guiding theories, evidence-based practice, federal laws, and policies related to these populations. Introduces safety issues surrounding these disorders, as well as the influence of contexts.

OCTH 516 Conditions in Occupational Therapy: General Medicine (4 units)

Reviews common general medicine disorders and the implications for participation in occupations across the lifespan in both traditional and nontraditional settings. Examines guiding theories and evidence-based practice. Introduces safety issues and standard protocols surrounding these disorders, as well as the influence of contexts. Prerequisite: OCTH 510

OCTH 517 Introduction to Physical Agent Modalities (1 unit)

Prepares the student for use of physical agent modalities with differential diagnoses in multiple practice settings. Discusses treatment goals and use of physical agent modalities within practice guidelines, assesses common practice techniques, explores regulations and safety, and reviews the process for obtaining advanced practice certification in physical agent modalities.

OCTH 521 Analysis and Intervention I: Orthopedic (3 units)

Assesses common orthopedic conditions, including safe transfer techniques, as well as training in the use of adaptive equipment. Treatment planning emphasizes evaluation findings and safety considerations of the client's condition and contexts. Prerequisite: AHCI 510, OCTH 505, 510

OCTH 522 Analysis and Intervention: Behavioral Health (3 units)

Introduces assessments for common behavioral health diagnoses. Emphasizes designing and coordinating occupation-based and client-centered interventions. Demonstrates ability to facilitate groups, and implements de-escalation strategies. Applies wholistic approach in working with clients to promote health and participation in a variety of contexts.

OCTH 523 Analysis and Intervention: Neuroscience (3 units)

Introduction to assessing clients with common neurological disorders – including cognitive, visual/perceptual, balance, and coordination skills; as well as the condition's impact on participation in occupations. Demonstrates ability to safely transfer clients, and provides training in the adaptation of tools, techniques, and environment. Emphasizes treatment planning based on the synthesis of evaluation findings and safety considerations of the client's condition and contexts. Prerequisite: OCTH 506.

OCTH 524 Analysis and Intervention: Infants, Children, Youth (3 units)

Introduction to assessments for common diagnoses and conditions of infants, children, and youth. Emphasizes designing and coordinating evidence-based, client-centered interventions. Design and coordinate groups, and family-centered care. Applies wholistic approach in working with clients to promote health and participation in a variety of contexts.

OCTH 527 Analysis and Intervention: General Medicine (3 units)

Student synthesizes evaluation and assessments to develop intervention plans for clients with general medicine conditions, and to promote participation in occupations. Student demonstrates ability to safely transfer clients, as well as to provide patient and family training; as well as adaptation of tools, techniques, and environment. Prerequisite: OCTH 510

OCTH 531 Sensorimotor I (2 units)

Includes current rehabilitation trends and best practice relevant to adult neurological rehabilitation. Emphasizes sensorimotor approaches to rehabilitation, CIMT, NDT, PNF, Rood, Brunnstrom, and clinical decision making. Integrates neurologic and orthopedic rehabilitation strategies through activities of daily living. Prerequisite: OCTH 506.

OCTH 532 Sensorimotor II (2 units)

Explores sensorimotor theory, assessment and intervention to enable understanding and implementation of sensory-based therapies. Provides skill sets that occupational therapy practitioners use to promote roles and participation in areas of occupation such as activities of daily living, play, sleep, and education.

OCTH 545 Current Trends in Occupational Therapy Practice (3 units)

Provides an overview of current trends in the field of occupational therapy and healthcare. Topics may include issues related to health care funding, policy, emerging practice areas, and health disparities.

OCTH 551 Occupation and Wellness (2 units)

Provides the student with an understanding of the connections among occupation, occupational therapy practice, and wellness by critically investigating research and theoretical perspectives. Leads to a better understanding of the uniqueness of an occupational perspective of health and its relationship to daily living.

OCTH 552 Professional Transition (3 units)

Provides the student with an opportunity to explore a variety of topics relevant to transitioning into occupational therapy professional practice. Preparation for national certification examination.

OCTH 560 Occupational Therapy Advocacy & Leadership (3 units)

Introduces business for occupational therapy practitioners, including financial statements and budgetary processes, marketing, management, and consultation. Emphasizes the use of strategic planning for decision-making processes of program development, productivity, and accountability. Introduces roles and responsibilities of leadership, explores standards of practice, supervision, and advocacy options for populations and the profession.

OCTH 570 Critical Inquiry and Evidence-Based Practice I (1 unit)

Defines evidence-based practice (EBP) and its relevance to occupational therapy practice and professional growth. Describes steps to complete EBP and discusses common statistical methods used in occupational therapy research. Includes philosophical approaches to scientific inquiry, range of research designs, roles of variables, and ethics.

OCTH 574 Critical Inquiry and Evidence-Based Practice II (3 units)

Student develops and implements a scholarly research proposal by systematically identifying and investigating a problem, issue, or question of relevance to occupational therapy practice. Emphasis on writing skills in preparation of literature review, purpose, conceptual framework, proposed methodology and data analysis for the Institutional Review Board Proposal.

OCTH 575 Critical Inquiry and Evidence-Based Practice III (2 units)

Student finalizes research proposal and implements a scholarly research project by systematically engaging in data collection, data management, and initiating data analysis. Incorporates research ethics.

OCTH 576 Critical Inquiry and Evidence-Based Practice IV (2 units)

Student implements a scholarly research proposal by systematically analyzing data relevant to occupational therapy practice. Emphasizes synthesis of findings and writing scholarly paper.

OCTH 701 Service Learning Seminar (1 unit)

Includes philosophy of service, learning by experience, reflection, and civic engagement. Provides opportunity for students to apply critical thinking skills, team-based learning, and information learned in didactic courses work to collaborate with the community and address client and community needs.

OCTH 702 – 703 Service Learning I, II (3 units each)

Community-engaged learning experiences that involve students in reflection and sustainability. Emphasizes needs assessment. Encourages collaboration with community partners and addresses needs of the community through the development of service learning projects. Includes synthesis of service learning experiences.

OCTH 711 – 712 Level I Fieldwork 1, 2 (2 units each)

Observation and supervised interaction in clinical and/or community-based programs to introduce students to fieldwork experience, apply knowledge to practice, and develop understanding of the needs of clients.

OCTH 713 Level I Fieldwork 3 (2 units)

Supervised interaction in a school-based setting to allow student to apply knowledge to practice, and to develop understanding of client needs.

OCTH 721, 722 Level II Fieldwork Experience 1, 2 (8 units each)

A twelve-week (forty hours/week) supervised fieldwork experience in clinical and/or community-based programs. Emphasizes assessment, planning, treatment, problem solving, administration, and professionalism. Successful completion necessary before student is eligible to take the certification examination.

CONJOINT COURSES

AHCJ 705 Infectious Diseases and the Health Provider (1 unit)

Current issues related to infectious disease, with special emphasis on principles of epidemiology and etiology of HIV/AIDS. Discussion of disease pathology and modes of transmission compared with hepatitis, tuberculosis, and influenza. Development of ethical

response to psychosocial, economic and legal concerns. Strategies and programs for education, prevention, and identification of resources. Impact on the healthcare worker, risk factors and precautions for blood-borne pathogens, HIV, hepatitis, and tuberculosis.

AHCJ 510 Human Gross Anatomy (9 units)

Gross anatomy of the musculoskeletal system, with emphasis on spatial orientation, joint structure, skeletal muscle origins, insertions, actions, nerves, and blood supply. A cadaver-based course.

AHCJ 524 Pharmacology (2 units)

Introduces pharmacology, including study of pharmacokinetics, pharmacodynamics, and actions of pharmaceuticals commonly encountered in various allied health professions.

RELR 536 Spirituality and Everyday Life (3 units)

Explores the place of spirituality in everyday life through assimilation of information drawn from religious theorists, theology, spiritual and religious practices, and occupation.