

Entry-level Master of Science in Occupational Therapy Detailed Curriculum

Upon acceptance, students must present evidence of the following prior to August 1 of the year admitted:

- Negative TB skin test results or waiver
- Current CPR certification
- Two of the series of three hepatitis B immunization injections

First Year			
May Intersession & Summer Terms I			
Course Number	Course Name	Course Description	Hours
OTHY 3330	Therapeutic Activities in Occupational Therapy	This is an introduction to purposeful activity and activity analysis in occupational therapy. Students study the use of crafts, computers, and other media in clinical practice. Lecture, lab.	3
OTHY 4300	Functional Neuroanatomy	An analysis of the structure and function of the peripheral, central and autonomic nervous systems, including laboratory study of specimens of human central nervous system.	3
OTHY 3223	Introduction to Occupational Therapy	This is a study of the definition, philosophy, history, scope of practice, and educational requirements of the profession. Discussed are the professional roles of the occupational therapist and occupational therapy assistant, current health trends, professional organizations, standards of practice, code of ethics, and the certification and licensure processes. Lecture, discussion.	3
Total Hours for First Year May Intersession & Summer Terms			9
Fall Term I			
Course Number	Course Name	Course Description	Hours
OTHY 4400	Gross Anatomy	Gross anatomy studies the structural aspects of the human body. The course incorporates lecture and laboratory study of prosected cadaver specimens.	4
OTHY 4230	Occupations Across the Lifespan	Occupational therapy's domain of concern stems from the profession's interest in human beings' ability to engage in everyday occupations. Based on previously acquired knowledge on occupation, this required lab style course will study the concept of occupation and its role among healthy individuals at different ages and life stages. Using the occupational therapy practice framework, students will be able to observe and describe typical occupations experience within individuals' cultural, physical, social personal, spiritual, temporal, and virtual contexts.	2
OTHY 4317	Functional Kinesiology	Principles of body mechanics and analysis of muscle	

		and joint actions in functional coordinated movement are presented. Students are taught skills in manual muscle testing, goniometry, and provocative testing. Lecture, lab.	3
OTHY 4308	Foundations in Occupational Therapy	Students examine the conceptual foundations of occupational therapy and explore the role of occupational therapy practitioners as influenced by a variety of service delivery models. The course will assist students with understanding the basic components of documentation of occupational therapy services. Lecture, discussion.	3
OTHY 4325	Foundations in Mental Health for Occupational Therapy	This course presents the etiology, manifestations, treatment, and occupational performance implications of major neuropsychiatric conditions. Students are presented with a detailed overview of the DSM-IV-TR and its use in occupational therapy.	3
Total Hours for First Year Fall Term			15

Spring Term I

Course Number	Course Name	Course Description	Hours
OTHY 3125	Independent Living: Strategies for Activities of Daily Living	Students learn techniques and therapeutic procedures involved in promoting independence in instrumental daily living skills. Emphasis is on the compensatory techniques, assistive devices, and adaptations to the environment to accommodate limitations in performance. Lecture, lab.	1
OTHY 4321	Evaluation & Treatment in Physical Disabilities I	The scope of practice with adolescent through adult populations with physical disabilities is introduced. Emphasis is on rehabilitative and biomechanical approaches to evaluation, treatment planning, implementation, and documentation relative to occupational performance and occupational adaptation. Lecture, lab.	3
OTHY 4335	Foundations in Pediatric Occupational Therapy	This course introduces the scope of pediatric occupational therapy practice. Atypical development is contrasted to typical development in the context of occupational therapy practice. Students develop beginning skills in the diagnosis of problems associated with abnormal development as needed for occupational performance.	3
OTHY 3340	Clinical Conditions I / Survey of Human Diseases	Presented are the pathology, etiology, and management of selected clinical diagnoses with emphasis on implications for the occupational therapy practitioner. Lecture, Internet.	3
OTHY 3241	Clinical Conditions II	This course continues from Clinical Conditions I. Students are presented with pathology, etiology, and management of selected clinical diagnoses with emphasis on implications for the occupational therapy practitioner. Lecture, Internet.	2

OTHY 4330	Introduction to Research	Students learn to interpret and critically analyze current literature and research in occupational therapy and related fields. Research procedures and analysis utilized in qualitative and quantitative research are introduced. Lecture, discussion.	3
OTHY 4127	Level I Fieldwork Rotation 1	This course is a clinical experience with emphasis on developing observation skills, therapeutic interaction skills, professional behavior, beginning documentation skills, and patient care skills necessary for safe, basic clinical performance. Clinical placement.	1
Total Hours for First Year Spring Term			16

Total Hours for First Year	40
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Students must complete the following before the beginning of the fall term to progress in the program:

- Take the Graduate Record Exam and report scores to UCA Graduate Studies
- Apply to UCA Graduate Studies for conditional enrollment for the fall term
- Apply to the OT Department for enrollment in Departmental Honors during Spring I (optional)

Students must also be sure to complete an undergraduate graduation application during the second fall term.

Second Year

May Intersession II

Course Number	Course Name	Course Description	Hours
OTHY 3215	Group Process and Communication Skills in Occupational Therapy	This course uses group process theory and experiential learning to facilitate the development of communication and interpersonal skills used in occupational therapy practice. Lecture, lab.	2
Total Hours for Second Year May Intersession and Summer Terms			2

Fall Term II

Course Number	Course Name	Course Description	Hours
OTHY 4355	Evaluation & Treatment in Pediatrics I	The scope of occupational therapy practice with children is introduced. Neurodevelopmental and sensory integrative approaches to evaluation, treatment planning, implementation, and documentation relative to occupational performance and the model of human occupation are emphasized. Lecture, lab.	3
OTHY 4365	Evaluation & Treatment in Mental	The model of human occupation, object relations,	

	Health I	behavior, and role acquisition approaches to evaluation, treatment planning, implementation, and documentation for clients with cognitive and mental disorders are presented. Lecture, lab.	3
OTHY 4380	Evaluation & Treatment in Physical Disabilities II	The application of occupational therapy neurodevelopmental theories and principles in evaluation and treatment for adults with physical disabilities is presented.	3
OTHY 4270	Pharmacology in Rehabilitation	Drugs commonly encountered by occupational therapy practitioners are presented. Drug effects, side effects, and toxicology are explained. Lecture, discussion.	2
OTHY 6315	Research Methods I	Provides the skills and procedures necessary for designing a research proposal or project of importance to the field of occupational therapy. The kinds of data collection, analysis, and interpretations pertinent to occupational therapy are discussed.	3
OTHY 4125	Independent Living: Instrumental Activities of Daily Living	Students learn techniques and therapeutic procedures involved in promoting independence in instrumental daily living skills. Emphasis is on the compensatory techniques, assistive devices, and adaptations to the environment to accommodate limitations in performance. Lecture, lab.	1
OTHY 4128	Level I Fieldwork Rotation 2	This course is a clinical experience with emphasis on occupational therapy evaluation and treatment, identification of treatment theories/frames of reference and activity analysis. Clinical placement.	1
OTHY 4351 (optional)	Independent Study in Occupational Therapy (Departmental Honors)	This course is for occupational therapy students seeking departmental honors. This is a directed study in which students conduct an in-depth investigation of a specific area of occupational therapy. Review of the literature and/or research project is required. Regular consultation and guidance with instructor is necessary. A GPA of 3.5 or better and successful application required.	3
Total Hours for Second Year Fall Term			16 to 19

Bachelor of Science (Occupational Therapy Emphasis) is awarded

Spring Term II			
Course Number	Course Name	Course Description	Hours
OTHY 6301	Evaluation & Treatment in Pediatrics II	Visual perception and psychosocial approaches to evaluation, treatment planning, implementation, and documentation relative to occupational performance and model of human occupation. Fine motor skills, handwriting, and oral motor skills are presented.	3
OTHY 6304	Evaluation & Treatment in Mental Health II	Life Span Development, Cognitive Behavioral, Cognitive Disability, and Movement-Centered frames of reference for evaluation, treatment planning,	3

		implementation, and documentation are emphasized. Each will be related to both occupational performance and model of human occupation.	
OTHY 6308	Advanced Methods in Physical Dysfunction	Selection, fitting, and fabrication of thermoplastic splints, orthotic devices and casts in pediatric and adult populations. OT evaluation and treatment of neuromusculoskeletal injuries/conditions with special emphasis on burns, fractures, nerve and tendon injuries and arthritis; the theory and use of physical agent and electrical modalities in OT practice.	3
OTHY 6311	Occupational Therapy in the Community	Learners synthesize previous knowledge about individuals with disabilities and their assimilation into the community and explore a variety of practice settings in which occupational therapists provide services to clients within their local community and the impact that technological advances and economics have on the scope of practice.	3
KPED 6316	Data Analysis	This course provides coverage of data analysis techniques that have specific applications for health and the applied sciences. An applied, conceptual approach will be used to facilitate the practical use of those techniques using SPSS.	3
Elective			3
Total Hours for Second Year Spring Term			15 to 18

Total Hours for Second Year	33 to 39
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Students should ensure that they complete the following by the time designated:

- Petition of Candidacy with UCA Graduate Studies (due at the end of spring term II)
- Choosing Thesis or Non-thesis option (spring term II)
- Graduate graduation application must be submitted to UCA before the end of Summer Session I during June of second Level II fieldwork experience for an August graduation.

Third Year

May Intersession and Summer Terms III

Course Number	Course Name	Course Description	Hours
OTHY 6100	Level I Fieldwork Rotation 3	Occupational therapy clinical experience in rehabilitative, medical and community service delivery models. Observation and moderately supervised evaluation, treatment planning, and treatment implementation.	1
OTHY 6125	Independent Living: Skills for	Techniques and therapeutic procedures involved in	

	Community Reentry	promoting successful community re-entry for individuals with a variety of impairments. Focus on compensatory techniques, assistive devices, adaptation of the environment, and community resources to accommodate limitations in performance of advanced activities of daily living in community settings.	1
OTHY 6320	Thesis I or Elective	Includes the writing and defense of a thesis.	3
	Elective		3
	Elective		3
	Elective		3
Total Hours for Third Year May Intersession and Summer Terms			8 to 14

Fall Term III

Course Number	Course Name	Course Description	Hours
OTHY 6220	Clinical Reasoning	Course emphasizes the clinical reasoning processes necessary to achieve client-centered practice within the paradigm of occupation.	3
OTHY 6314	Occupational Therapy in Geriatrics	The course examines the therapeutic relationship between the occupational therapist and the older person, geriatric assessment tools, and treatment areas in occupational therapy, including prevention, accommodation, and restoration.	3
OTHY 6312	Occupational Therapy Administration and Management	Advanced theory, philosophy, and management functions as related to occupational therapy practice. Reimbursement and health care economic issues are addressed.	3
OTHY 6101	Level I Fieldwork Rotation 4	Occupational therapy clinical experience in rehabilitative, medical and community service delivery models. Observation and minimally supervised evaluation, treatment planning, and treatment implementation.	1
OTHY 6320	Thesis II or Elective	Includes the writing and defense of the thesis. Open only to students in the thesis option of the occupational therapy master's program.	3
	Elective		3
Total Hours for Third Year Fall Term			10 to 16

Spring Term III

OTHY 6621	Level II Fieldwork Experience 1	Integration and application of academically acquired
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	(January through March)	knowledge in an occupational therapy setting. This experience must be completed within 24 months of the fall term of the third year of instruction.	6
OTHY 6631	Level II Fieldwork Experience 2 (April through May)	Integration and application of academically acquired knowledge in an occupational therapy setting. This experience must be completed within 24 months of the fall term of the third year of instruction.	6
OTHY 6641 (optional)	Level II Fieldwork Experience 3	Integration and application of academically acquired knowledge in an occupational therapy setting. This experience must be completed within 24 months of the fall term of the third year of instruction. The successful completion of a third level II fieldwork experience is not required to sit for the NBCOT exam or completion of the master's program.	6
Total Hours for Third Year Level II Fieldwork Experiences			12 to 18
Total Hours for Third Year (Thesis option)			33 to 45
Total Hours for Third Year (Non-thesis option)			36 to 45

Minimum Total Hours Required for Completion of Entry-level Master of Science in Occupational Therapy	
Thesis Option	109
Non-thesis Option	112

Master of Science in Occupational Therapy is awarded

Department of Occupational Therapy Electives			
Course Number	Course Name	Course Description	Hours
OTHY 5310	Assistive Technology	The use of assistive technology to promote greater independence for individuals with disabilities. Domains presented include vision, hearing, communication, mobility, cognition, and environmental controls. Fall, Spring.	3
OTHY 6150	Independent Study in Occupational Therapy	Topic in Occupational Therapy of special interest to the student who wishes to conduct an in-depth investigation with faculty guidance. Available on demand.	3
OTHY 6305	Comparative Theory	Analysis of the work of major theorists and other leaders in the occupational therapy profession and the relationship of their ideas to occupational therapy research and practice. On demand.	3

OTHY 6310	Occupational Therapy as an Educator	Prepares the occupational therapy clinician for adaptation to the higher education environment. Academic issues and concepts are presented; students will learn to prepare educational objectives, learning experiences, and evaluations for a unit of study. On demand	3
OTHY 6313/6318	Leadership in Healthcare	A study of leadership theories, and the application of these theories to leadership roles and work situations encountered by health professionals. On demand	3
OTHY 6325	Occupational Therapy and the Arts: A Non-traditional Community Based Experience	This graduate elective provides opportunities for occupational therapy students to work in a community-based program. Students will use knowledge and skills from previous courses to work with persons with disabilities, professional artists, and service providers in a community-based program using the performing/visual arts and a camp-like experience. In addition, the course allows the student to understand and experience the achievements and challenges that people with disabilities experience on a day-to-day basis. Summer.	3
OTHY 6328	Acting Creates Therapeutic Success (ACTS): A Service-Learning Experience	This service-learning course allows the student to apply the occupational therapy process in a community-based program (Acting Creates Therapeutic Success - ACTS) for persons with developmental disabilities. Through seminars and practical experiences, the student will have the opportunity for academic and personal reflection. On demand.	3
OTHY 6330	Transdisciplinary Assessment of Young Children	Addresses issues involved in transdisciplinary assessment of children (and their families), ages birth to five, with special needs.	3
OTHY 6335	Advanced Spinal Cord Injury Management	Course will include information necessary for students to independently perform advanced client evaluation and intervention for persons with spinal cord injuries. On demand.	3
OTHY 6340	Sensory Integration	An in-depth examination of sensory integration theory. This course emphasizes sensory integration concepts, postulates, function/dysfunction, assessment interpretation, treatment planning, and treatment implementation.	3
OTHY 6343	Neonatal Development Intervention	Roles and functions of a developmental specialist working with neonates. Major neonatal disorders and relevant theoretical approaches applicable to treat these disorders from a family-focused perspective will be emphasized.	3
OTHY 6343	Neonatal Development Intervention	Roles and functions of a developmental specialist working with neonates. Major neonatal disorders and relevant theoretical approaches applicable to treat these disorders from a family-focused perspective will be emphasized.	3

OTHY 6345	Advance Pediatric Fine Motor Treatment	Course presents the foundations and development of normal pediatric hand skills as well as conditions that affect fine motor development. Assessment and therapeutic intervention strategies will be emphasized. On demand	3
OTHY 6346	Interdisciplinary Leadership in Pediatric Practice I	This course presents didactic information and clinical/community experiences necessary to develop leadership and research skills in delivery of interdisciplinary family-centered health care to children with special needs and their families. Emphasis is on development of skills needed to successfully work with children and families as a member of an interdisciplinary team. Spring.	3
OTHY 6347	Interdisciplinary Leadership in Pediatric Practice II	A continuation of OTHY 6346 (admission by application only). Emphasis is on integrating and applying the clinical and leadership skills learned in OTHY 6346 to interdisciplinary clinical experiences. Fall.	3
OTHY 6352	Directed Study in Occupational Therapy	Directed individual or group in-depth study of a particular topic in occupational therapy. On demand.	3
OTHY 6360	Occupational Therapy in Public Schools	Occupational therapy services within the context of the public school environment are examined. Students develop advanced knowledge of the implication of the Individuals with Disabilities Education Act on occupational therapy service delivery, to include education-related assessments and collaborative consultation.	3
OTHY 6365	Current Issues and Trends in Occupational Therapy	Identification and analysis of current issues and trends in occupational therapy and the health care environment. Recent changes and future projections for occupational therapy practice and education are discussed.	3
OTHY 6370	Advanced Splinting in Occupational Therapy	The fabrication and treatment progression for selected dynamic splints/casts utilized with individuals with joint range of motion impairments. On demand.	3