

University of Charleston

Master of Science of Occupational Therapy

Mission: To fulfill the mission of the University of Charleston, the mission of the Master of Occupational Therapy Program is to prepare future occupational therapy professionals with a commitment to moral purpose and personal character, who embody and enable purposeful occupational engagement for all people who experience limitations in participation, promote health and well-being across the lifespan and within diverse contexts, develop the knowledge, abilities and character to be life-long learners, use critical thinking and clinical reasoning to create innovative, evidence-based solutions to society's increasingly complex and ever-changing needs, and lead a life rich in productive work and community involvement.

Program Learning Outcomes: Graduates from the Master of Science in Occupational Therapy program at the University of Charleston will:

1. Promote the distinct value of occupation and the importance of meaningful occupational engagement for those with and without restrictions to enhance the overall health and well-being of persons, groups, communities, and populations.
2. Analyze the constructs and contexts from the Occupational Therapy Practice Framework (OTPF) that promote and inhibit meaningful occupational engagement to identify the needs of persons, groups, communities, and populations.
3. Demonstrate effective critical thinking skills to evaluate evidence, develop innovative practice ideas, use a variety of knowledge sources, and be intellectually flexible to meet the occupational demands of an ever-changing world.
4. Use clinical reasoning skills to develop and provide occupational therapy services in current and emerging practice settings that are appropriate, effective, culturally sensitive, theory-driven, evidence-based, client-centered, and target meaningful occupations.
5. Reflect on the outcomes of interventions and the therapy process to facilitate professional development and a zest for life-long learning.
6. Assess through standardized and non-standardized means the well-being and occupational engagement of oneself and those who may need occupational therapy services to determine unmet needs and develop a plan for intervention or programming that addresses these needs to promote health and well-being, remediation or restoration, health maintenance, disease and injury prevention, and compensation and adaptation for individuals, families, communities, and populations.
7. Communicate effectively in both intra-professional and interprofessional contexts to promote the profession and the distinct value of occupation in meeting the needs of those we serve.
8. Develop a strong professional identity and deep understanding of the various roles of the occupational therapy practitioner (mentor, educator, practitioner, manager, leader, advocate, consultant, and researcher), increased self-awareness, and increased self-efficacy through consistent self-reflection.
9. Obtain the knowledge and skills needed to be a generalist practitioner with a commitment to moral purpose and personal character who provides services and supervision that are ethically sound, within the scope of practice of the profession, and in accordance with the applicable state practice acts.

*The program learning objectives meet the requirements for the Accreditation Council on Occupational Therapy Education (ACOTE) requirements.

Course Descriptions:

OCTH 522 (3) Occupational Therapy in the Community: Analyzes and evaluates the need and feasibility for occupational therapy services in the community in traditional and emerging practice areas through community-based service projects. Students will explore and analyze the social determinants of health for persons, groups, and populations in the local community and the role of policy and policy development in the promotion of health and well-being.

OCTH 532 (3) Occupational Engagement for Health and Wellness: Analyzes and evaluates the relationship between occupational engagement and occupational balance on health and well-being at a group and community level. Requires students to assess for and use assistive technology and devices, virtual environments, and telehealth as part of the intervention process to promote health and aid in the prevention of disease, illness, and dysfunction.

OCTH 540 (3) Quantitative and Qualitative Research Analysis & Reporting in OT: Inspects quantitative and qualitative methods for data analysis and the written requirements for a research publication. Requires students to explore the use of each type of data analysis in the field of occupational therapy. Students will demonstrate the ability to collect and analyze quantitative and qualitative data and accurately document the methods, results, discussion, and conclusion sections of a research report.

OCTH 570 (1) Graduate Research I: Expands on the work completed in OCSC 470. Students will work with an assigned mentor to formalize the methods and develop any materials needed to complete the institutional review board process (IRB) as required. Students will, upon IRB approval, begin data collection.

OCTH 531 (3) Interventions and Occupational Engagement III: Incorporates findings from the interpretation of standardized and non-standardized assessments into the development of evidence-based, client-centered, occupation-based, theory driven, culturally sensitive intervention plans reflective of current occupational therapy practice for persons, groups, and/or populations across the lifespan with psychosocial and behavioral health deficits. Interventions will address the promotion of health and well-being, remediation or restoration, health maintenance, disease and injury prevention, and compensation and adaptation for individuals, families, communities, and populations.

OCTH 531L (1) Interventions and Occupational Engagement III Lab: Occurs in conjunction with OCTH 531, provides hands-on demonstration and modeling of the procedures for incorporating the interpreted results of various standardized and non-standardized assessments and best evidence into occupational therapy practice for persons, groups, and/or populations across the lifespan with psychosocial and behavioral health deficits. Requires students to engage in simulated case-based activities and practical exams in which they accurately portray the occupational performance deficits associated with the given diagnosis and create effective intervention plans that address promotion, compensation, adaptation, and prevention when playing the role of the therapist.

OCTH 598 (2) Level I Fieldwork III: Consists of an 80-hour rotation at a site that does not provide occupational therapy services. Students will use effective verbal and written communication skills to

analyze and evaluate the setting in which they have been assigned to determine if occupational therapy could play a role and complete other assignments that coincide with current coursework.

OCTH 670 (2) Graduate Research II: Expands on the work completed in OCTH 570. Students will work with an assigned mentor to analyze any data collected. Students will complete the remaining sections of the research paper (results, discussion, & conclusion). Students will choose a format for presentation and/or publication of the research project, prepare and submit the proposal, and present/publish if accepted.

OCTH 698 (24 total, 12 each) Level II Fieldwork I & II: Places students in a full-time (40 hours a week), 12-week clinical rotation at an approved fieldwork site. Students will work with an assigned clinical instructor to provide direct and/or indirect occupational therapy services to the site's targeted audience. Students must complete and pass two level II fieldwork placements to graduate.

OCTH 650 (2) Clinical Reasoning II: Occurs in conjunction with OCTH 698. Facilitates an understanding of the connection between course materials and real-world practice. Requires students to apply information from course materials to clinical experiences, evaluate and analyze chosen evaluation materials, intervention plans, and outcomes of interventions for best practices, develop strategies to promote best practices at the fieldwork site, and navigate ethical dilemmas in the workplace.

OCTH 630 (3) Building a Business – The Occupational Therapy Entrepreneur: Provides students with the knowledge and skills needed to build, market, and manage a business that provides occupational therapy services which promote the distinct value of occupation. Students will explore the various models of service delivery, reimbursement issues, quality management and improvement processes, state and federal requirements, and professional requirements for business development as part of this course.

OCTH 660 (1) Professional Development, Leadership, & Lifelong Learning: Enhances professional development through personal portfolio review, identification of continued or newly discovered areas of weakness and strength, reflection of the therapeutic process, and personal professional development planning for lifelong learning. Explores leadership and the significance of being a leader and active participant in the various organizations that support the profession of occupational therapy and provides students with skills needed for the development of a strong professional identity.

OCTH 651 (2) Clinical Reasoning III: Prepares students for the National Board Certification of Occupational Therapy exam through analysis of the students' critical thinking and critical reasoning skills. This course will provide a wholistic review of information learned in the occupational therapy program. Students will be assessed on this information through exams and clinical simulations.

*All courses must be completed in the program in the sequence in which they are listed on the course schedule as information from previous courses is required to successfully complete proceeding courses.

Standard Course Schedule:

*For the master's level courses please see the section filled in blue beginning in Spring of Year 4.

University of Charleston
Accelerated Bachelor of Occupational Science/Master of Science of
Occupational Therapy
Course Schedule

Year One: 34 Credit Hours

Fall			Spring		
UNIV 104 (C)	College Motivation & Success	3	UNIV 105 (C)	Foundations of Character & Leadership	3
COMM 101 (C)	Freshman Writing I	3	COMM 102 (C)	Freshman Writing II	3
MATH 121 (ST)	College Algebra	3	NSCI 220 (ST)	Statistics in Science and Research	3
BIOL 130 (ST)	Introductory Biology for Majors	3	HU Flex (HU)	Humanities Flex	3
BIOL 130L (ST)	Introductory Biology for Majors Lab	1	EXER 225 (ST)	Medical Terminology in Exercise Science & Healthcare	3
EXER 113 (ST)	Structural Kinesiology	3	SPCH 103 (C)	Oral Communication Fundamentals	3
Total Credit Hours		16	Total Credit Hours		18

*C = Core, ST = STEM, HU = Humanities, SS = Social Sciences

Year Two: 34 Credit Hours

Fall			Spring		
PSYC 101 (SS)	Introduction to Psychology	3	PSYC 359 (SS)	Advanced Developmental Psychology	3
SSCI 105 (SS)	Issues in Social Science	3	PSYC 362 (SS)	Abnormal Psychology	3
PSYC 212 (SS)	Life-Span Development	3	PSYC 342 (SS)	Social Psychology	3
BIOL 301 (ST)	Human Anatomy & Physiology for Majors I	3	BIOL 302 (ST)	Human Anatomy & Physiology for Majors II	3
BIOL 301L (ST)	Human Anatomy & Physiology for Majors I Lab	1	BIOL 302L (ST)	Human Anatomy & Physiology for Majors II Lab	1
HU Flex (HU)	Humanities Flex	3	ELEC	Elective	3
OCSC 300	Intro to Occupational Science	1	OCSC 301	Occupations and Well-Being	1
Total Credit Hours		17	Total Credit Hours		17

*C = Core, ST = STEM, HU = Humanities, SS = Social Sciences

Year Three: 34 Credit Hours

Fall			Spring		
OCSC 303	Occupational Science: The Foundation of Occupational Therapy	1	OCSC 325	Ethics in Occupational Therapy Practice	2

OCSC 304	Applied Kinesiology: Movement & Occupational Engagement	1	OCSC 330	Introduction to Quantitative & Qualitative Research in Occupational Therapy	4
OCSC 304L	Applied Kinesiology: Movement & Occupational Engagement Lab	1	OCSC 420	Evaluation of Occupational Engagement II	3
OCSC 310	Science of Occupation	3	OCSC 420L	Evaluation of Occupational Engagement II Lab	1
OCSC 305	Analysis of Occupational Engagement	3	OCSC 321	Interventions and Occupational Engagement I	3
OCSC 305L	Analysis of Occupational Engagement Lab	1	OCSC 321L	Interventions and Occupational Engagement I Lab	1
OCSC 320	Evaluation of Occupational Engagement I	3	OCSC 398	Level I Fieldwork I	2
OCSC 320L	Evaluation of Occupational Engagement I Lab	1			
BIOL 362	Advanced Anatomy – Musculoskeletal & Nervous System	4			
Total Hours		18	Total Hours 16		

Year Four: 34 Total Credit Hours

Fall			Spring		
OCSC 430	Evaluation of Occupational Engagement III	3	OCTH 522	Occupational Therapy in the Community	3
OCSC 430L	Evaluation of Occupational Engagement III Lab	1	OCTH 532	Occupational Engagement for Health and Wellness	3
OCSC 421	Interventions and Occupational Engagement II	3	OCTH 540	Quantitative and Qualitative Research Analysis & Reporting in Occupational Therapy	3
OCSC 421L	Interventions and Occupational Engagement II Lab	1	OCTH 531	Interventions and Occupational Engagement III	3
OCSC 450	Clinical Reasoning I	3	OCTH 531L	Interventions and Occupational Engagement III Lab	1
OCSC 460	Role Exploration of the Occupational Therapist	2	OCTH 598	Level I Fieldwork III	2
OCSC 470	Undergraduate Research	1	OCTH 570	Graduate Research I	1
OCSC 498	Level I Fieldwork II	2			
OCSC 455	Capstone	2			
Total Hours		18	Total Hours 16		

Year Five: 34 Total Credit Hours

Fall			Spring		
OCTH 698	Level II Fieldwork I	12	OCTH 698	Level II Fieldwork II	12
OCTH 650	Clinical Reasoning II	2	OCTH 660	Professional Development, Leadership, & Lifelong Learning	1

OCTH 630	Building a Business – The Occupational Therapy Entrepreneur	3	OCTH 651	Clinical Reasoning III	2
OCTH 670	Graduate Research II	1	OCTH 670	Graduate Research II	1
Total Hours		18	Total Hours		16
Total Program Hours: 170		Undergraduate: 120		Graduate: 50	

List of Courses with Credit Hours:

Course Number	Title	Credit Hours
OCTH 522	Occupational Therapy in the Community	3
OCTH 532	Occupational Engagement for Health and Wellness	3
OCTH 540	Quantitative and Qualitative Research Analysis & Reporting in OT	3
OCTH 570	Graduate Research I	1
OCTH 531	Interventions and Occupational Engagement III	3
OCTH 531L	Interventions and Occupational Engagement III Lab	1
OCTH 598	Level I Fieldwork III	2
OCTH 698	Level II Fieldwork I & II	24
OCTH 650	Clinical Reasoning II	2
OCTH 630	Building a Business – The Occupational Therapy Entrepreneur	3
OCTH 660	Professional Development, Leadership, & Lifelong Learning	1
OCTH 651	Clinical Reasoning III	2
OCTH 670	Graduate Research II	2

Total Required Credit Hours: 50