

M.S. IN IMPLEMENTATION SCIENCE (ONLINE)

Overview

The Master of Science in Implementation Science program at the University of Miami provides comprehensive training across the full spectrum of implementation science. Students will acquire practical skills in applying implementation science frameworks to inform study design or real-world implementation efforts, developing implementation science research studies, analyzing various types of implementation data (qualitative, quantitative, mixed methods), cultivating partnerships with implementing organizations, and impacting healthcare system, provider, and individual health outcomes via implementation science.

Delivered fully online, the program provides access to expert faculty and instructors with experience leading federally funded implementation science research projects. Designed to accommodate a diverse student body, the program welcomes recent undergraduates as well as professionals with prior graduate training who seek to expand their expertise. With our expert faculty, hands on mentoring, and flexible capstone projects, the program is tailored to meet the unique goals and backgrounds of each student.

The Implementation Science Master's program is a partnership between UOnline and three schools: School of Nursing and Health Studies (which will award the MS degree), Miller School of Medicine (Department of Public Health Sciences), and College of Arts & Sciences (Department of Psychology). The program will collaborate with all partners to execute the program, and with activities such as developing a strategic plan, evaluating the program's success, mentoring and teaching, and selecting students for the program.

Admission Requirements

1. Bachelor's degree from a regionally accredited institution
 - Official transcripts for each institution attended must be mailed from the issuing institution's Registrar. Transcripts that are stamped "Issued to Student" are not considered official.
 - Applicants are required to list all institutions attended even if no degree was awarded.
 - Applicants with international transcripts should refer to the "Additional Requirements for International Transcripts" section below. International degrees must be equivalent to those in the U.S.
2. Minimum cumulative undergraduate GPA of 3.0
3. Two letters of recommendation
 - At least one reference from an academic source.
4. Statement of professional goals
 - Discuss the reasons for applying to the MS in Implementation Science program at the University of Miami and how it fits into personal, educational, and professional goals.
5. Current CV/resume
 - The CV/resume should include work and volunteer activities, licensures and other certifications, preceptor and/ or mentoring experience, awards, professional organizations, and academic experiences.

Curriculum Requirements

Code	Title	Credit Hours
HCS 602	Introduction to Implementation Science (NEW COURSE)	3
HCS 606	Introduction to Dissemination Science (NEW COURSE)	3
HCS 612	Writing Skills for Implementation Science (NEW COURSE)	2
Innovations Course		2
Students take HCS 613 twice for 1 credit each.		
HCS 613	Innovations in Implementation Science (NEW COURSE)	
HCS 614	Theories of Change in Implementation Science (NEW COURSE)	3
HCS 615	Implementation Determinants (NEW COURSE)	3
HCS 620	Designing Adapting Implementation Strategies (NEW COURSE)	3
HCS 621	Evaluating Implementation Strategies Outcomes (NEW COURSE)	3
HCS 622	Qualitative Mixed Methods for Implementation Science (NEW COURSE)	3
HCS 623	Quantitative Methods in Implementation Science (NEW COURSE)	3
HCS 635	Implementation Science Capstone Project (NEW COURSE)	4
Total Credit Hours		32

Sample Plan of Study

Full-Time

Year One		Credit Hours
Fall		
HCS 602	Introduction to Implementation Science	3
HCS 614	Theories of Change in Implementation Science	3
HCS 623	Quantitative Methods in Implementation Science	3
HCS 613	Innovations in Implementation Science	1
Credit Hours		10
Spring		
HCS 615	Implementation Determinants	3
HCS 620	Designing Adapting Implementation Strategies	3
HCS 622	Qualitative Mixed Methods for Implementation Science	3
HCS 613	Innovations in Implementation Science	1
Credit Hours		10
Summer		
HCS 612	Writing Skills for Implementation Science	2
HCS 621	Evaluating Implementation Strategies Outcomes	3
HCS 606	Introduction to Dissemination Science	3
HCS 635	Implementation Science Capstone Project	4
Credit Hours		12
Total Credit Hours		32

Sample Plan of Study

Part-Time

Year One		Credit Hours
Fall I		
HCS 602	Introduction to Implementation Science	3
HCS 623	Quantitative Methods in Implementation Science	3
HCS 613	Innovations in Implementation Science	1
Credit Hours		7
Spring I		
HCS 615	Implementation Determinants	3
HCS 622	Qualitative Mixed Methods for Implementation Science	3
HCS 613	Innovations in Implementation Science	1
Credit Hours		7
Summer II		
HCS 606	Introduction to Dissemination Science	3
HCS 621	Evaluating Implementation Strategies Outcomes	3
Credit Hours		6
Year Two		
Fall II		
HCS 614	Theories of Change in Implementation Science	3
HCS 620	Designing Adapting Implementation Strategies	3
Credit Hours		6
Spring II		
HCS 612	Writing Skills for Implementation Science	2
HCS 635	Implementation Science Capstone Project	4
Credit Hours		6
Total Credit Hours		32

Mission

Our mission is to transform public health, healthcare, education, and social systems and optimize health through high quality implementation science research and practice.

School Mission

The Mission of the SONHS is to transform lives and health care through education, research, innovation, and service across the hemisphere. This mission is exemplified in the acronym NOW: Be Novel, Be Optimistic, and Be World-Changing.

Goals

The goal of University of Miami's MS in Implementation Science is to prepare students to bridge the gap between research and practice across public health, healthcare, education, and social systems. Through a combination of foundational and advanced training, students will gain the theoretical frameworks and practical skills necessary to design, evaluate, and apply implementation science in both research and in real-world practice settings.

Student Learning Outcomes

1. Students will apply implementation research theories, models, and frameworks.
2. Students will differentiate between implementation research and practice.
3. Students will examine real-world opportunities to apply implementation science knowledge to research and practice.
4. Students will demonstrate qualitative, quantitative, and mixed methods approaches for implementation research.
5. Students will conduct an implementation research project or study.