

CERTIFICATE IN IMPLEMENTATION SCIENCE (ONLINE)

Overview

The Certificate in Implementation Science program at the University of Miami provides training in implementation science as a pathway toward conducting rigorous implementation research and practice. Students will be introduced to the field of implementation science and 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/or impacting healthcare system, provider, and individual health outcomes via implementation science.

Delivered fully online, the certificate provides access to expert faculty and instructors with experience leading federally funded implementation science research projects. Designed to accommodate a diverse student body, the certificate 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 Certificate 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

- 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.
- Minimum cumulative undergraduate GPA of 3.0
- Two letters of recommendation
 - At least one reference from an academic source.
- Statement of professional goals
 - Discuss the reasons for applying to the Certificate in Implementation Science program at the University of Miami and how it fits into personal, educational, and professional goals.
- 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

Students are provided flexibility to tailor the coursework to their goals. All students will be required to complete HCS 602 (Introduction to Implementation Science). In addition to HCS 602, two electives are selected from the list below for a total of 9 credits.

Code	Title	Credit Hours
Core Course		
HCS 602	Introduction to Implementation Science	3
Electives		
Choose two from the following list:		
HCS 606	Introduction to Dissemination Science	
HCS 614	Theories of Change in Implementation Science	
HCS 615	Implementation Determinants	
HCS 620	Designing Adapting Implementation Strategies	
HCS 621	Evaluating Implementation Strategies Outcomes	
HCS 622	Qualitative Mixed Methods for Implementation Science	
HCS 623	Quantitative Methods in Implementation Science	
Total Credit Hours		9

Mission

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

Goals

The goal of University of Miami's Certificate 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.