

MS IN GLOBAL MEDICAL SCIENCES

Overview

Post Covid-19 pandemic, there has been a remarkable increased interest amongst medical students, residents, and fellows in responding to the lack of global equity in health and addressing a wide range of global medical challenges. The one-year, interdisciplinary MS degree program in Global Medical Sciences is designed to address this by providing both didactic as well as experiential learning opportunities to learn, problem solve, innovate, and better prepare for future global challenges. The University of Miami is a leader in the hemispheric region with exemplary service and research engagement and established recognition across the globe. Empowered by the Miller School of Medicine's internationally renowned medical and research experts (i.e., Medical Education, Sylvester Comprehensive Cancer Center, Bascom Palmer, Global Health Institute, Project MediSHARE, and the International Medicine Institute), we have created a unique and exemplary program that appeals to current and future health care professionals that are local and global but passionate about expanding their knowledge of global medical sciences by obtaining a breadth of training that allows them to effectively problem solve and offer innovative solutions for best compassionate patient care globally.

Admission Requirements

To be admitted to this program, a student must have, at minimum, a bachelor's degree from an accredited institution and undergraduate coursework in science, technology, engineering, and math. Course requirements will include biology, chemistry, mathematics, statistics, and advanced writing. Second language proficiency or commitment to advance in a second language is required. Individuals passionate about global healthcare services and equity are encouraged to apply to this program.

A minimum undergraduate cumulative grade point average of 3.0 is required. Applicants are required to submit three letters of recommendation and a personal statement. Foreign applicants who have yet to receive a degree from a university in the United States must satisfy English proficiency requirements by submitting their TOEFL scores.

Admission into the MS degree program will be highly selective, and care will be exercised to admit students with the highest ethical principles and a promise for future global health service. Hence, the personal statement will be heavily weighted in the application process. Our aim will be to attract strong students with a commitment to and global health services and innovation in the field.

Curriculum Requirements

Code	Title	Credit Hours
Core Courses		
GMS 600	(Global Health Ethics (NEW COURSE))	1
GMS 601	(Global Medical Challenges (NEW COURSE))	3
GMS 602	(Important Concepts for Success in Global Service (NEW COURSE))	3
GMS 603	(Interprofessional Healthcare Teams (NEW COURSE))	3
SPA 633	(Medical Communication and Interpretation in Spanish for Health Care Professionals (NEW COURSE))	3
Study Abroad Experiential Learning Component		2
Students must take at least one of the following:		
GMS 605	(Experiential Learning: Healthcare in Japan (NEW COURSE))	
GMS 606	(Experiential Learning: Healthcare in Panama (NEW COURSE))	
GMS 607	(Experiential Learning: Healthcare in Denmark (NEW COURSE))	
GMS 608	(Experiential Learning: Healthcare in Malaysia (NEW COURSE))	
GMS 609	(Experiential Learning: Healthcare in Nepal (NEW COURSE))	
GMS 610	(Experiential Learning: Healthcare in Taiwan (NEW COURSE))	
GMS 611	(Experiential Learning: Healthcare in Indonesia (NEW COURSE))	
GMS 612	(Experiential Learning: Healthcare in Thailand (NEW COURSE))	
GMS 613	(Experiential Learning: Healthcare in Sri Lanka (NEW COURSE))	
GMS Electives		4-15
Students must take at least 4 credits from the following:		
GMS 614	(Global Medical Challenges, HIV/AIDS (NEW COURSE))	
GMS 619	(Global Medical Challenges, Zoonotic Infectious Diseases (NEW COURSE))	
GMS 621	(Global Medical Challenges, Mental Health (NEW COURSE))	

GMS 622	(Global Medical Challenges, Maternal & Child Health (NEW COURSE))
Additional Study Abroad Learning Component Courses	
Other GMS courses with advisor approval	
Other Electives	0-9
Students may take up to 9 credits of electives from the following:	
EPH 612	Global Health
EPH 613	Emerging Challenges in Global Health Systems
EPH 614	Global Outbreak
EPH 616	Global Health and Global Justice
Other non-GMS courses with advisor approval	
Total Credit Hours	30

Sample Plan of Study

Year One	
Fall	Credit Hours
GMS 600	1
GMS 601	3
GMS 602	3
GMS 603	3
SPA 633	3
Study Abroad Experiential Learning Component	2
Credit Hours	15
Spring	
GMS Elective	3
GMS Elective	3
GMS or Non-GMS Elective	3
GMS or Non-GMS Elective	3
GMS or Non-GMS Elective	3
Credit Hours	15
Total Credit Hours	30

Mission

The Master of Science in Global Medical Sciences program aims to address the global medical challenges by appropriately training healthcare professionals who are committed to global service and collaboration. This program will provide a structured and formal curriculum for medical students, residents, fellows, future healthcare professionals, and current local and global healthcare professionals who apply are invested in applying global health concepts to respond to global medical challenges and lack of equity in health. The program will provide global medicine knowledge within an interprofessional health care dynamic that encourages a comprehensive approach to achieving optimal health outcomes. .

Student Learning Outcomes

Upon completion of the Master of Science in Global Medical Sciences, students will be better prepared to serve as global as well as local leaders in various domains within healthcare. Graduates will have honed the critical thinking skills necessary for coping with and responding to unexpected future health challenges in anticipation of our continuing globalization. At the core of this program are the skills needed to find collaborative and innovative solutions to address unanticipated global health crises, reduce global mortality, and enhance lives worldwide. around the world. Moreover, they will generate new ideas for excellence in diagnosis and treatment, that will emphasizing equity and dignity in patient care. The Master of Science in Global Medical Sciences program responds to an urgent healthcare concern - the understanding of interprofessional collaboration, and prevention and treatment of disease on a local and global scale.