



MEMORANDUM

To: Julio Frenk
University President

From: Linda L. Neider
Chair, Faculty Senate

Date: March 26, 2021

Subject: Faculty Senate Legislation #2020-72(B) – Creation of a Doctor of Medicine (MD)/
Master of Arts in International Administration (MAIA) Dual/Joint Degree, Miller
School of Medicine and College of Arts and Sciences

The Faculty Senate, at its March 24, 2021 meeting, had no objections to the proposal to create the new degree Doctor of Medicine (MD)/ Master of Arts in International Administration (MAIA) Dual/Joint Degree, Miller School of Medicine and College of Arts and Sciences. This program is designed to prepare students to meet the various multi-dimensional security challenges that have faced our planet for several decades.

The proposal is enclosed for your reference.

This legislation is now forwarded to you for your action.

LLN/rh

cc: Jeffrey Duerk, Executive Vice President and Provost
Leonidas Bachas, Dean, College of Arts and Sciences
Henri Ford, Dean, Miller School of Medicine
Gauri Agarwal, Associate Dean, Curriculum, Miller School of Medicine
Amar Deshpande, Associate Dean, Medical Education, Miller School of Medicine
Maryann Tobin, Assistant Dean, Professional Education, College of Arts and Sciences

CAPSULE: Faculty Senate Legislation #2020-72(B) – Creation of a Doctor of Medicine (MD)/ Master of Arts in International Administration (MAIA) Dual/Joint Degree, Miller School of Medicine and College of Arts and Sciences

PRESIDENT’S RESPONSE

APPROVED:  DATE: 4/16/21
(President’s Signature)

OFFICE OR INDIVIDUAL TO IMPLEMENT: Leonidas Bachas, Dean,
College of Arts and Sciences. Henri Ford, Dean, Miller School of Medicine

_____ (pending any additional approval by the Board of Trustees)

EFFECTIVE DATE OF LEGISLATION: IMMEDIATELY
NOT APPROVED AND REFERRED TO: _____

REMARKS (IF NOT APPROVED): _____

Program Change Request

New Program Proposal

Date Submitted: 01/08/21 4:15 pm

Viewing: **MD/MAIA Joint Degree Program :**

Last edit: 02/08/21 3:25 pm

Changes proposed by: Maryann Tobin (m.tatum)

Please list the authors of this proposal including name, rank/title, program/department, and school.

Proposer(s) Name Maryann Tobin, Ph.D.
Assistant Dean for Professional Education, College of Arts & Sciences

Amar Deshpande, M.D.
Associate Dean for Medical Education, Miller School of Medicine

Career Dual Career

Dual Listed Career Graduate
Medicine (MD)

Academic Structure

School/ College	Department
Miller School of Medicine	Medicine
College of Arts and Sciences	MAIA Program

Plan Type Dual/Joint Degree

Proposed Plan Code

Proposed CIP Code

Plan Name MD/MAIA Joint Degree Program

Will there be any subcomponents within the program such as concentrations, specializations, thesis/non-thesis options, or tracks?

In Workflow

1. PG University Accreditation
2. PG IGS GR Director
3. PG University Accreditation
4. PG GR School
5. PG Graduate Council
6. PG GR Dean
7. PG FS Office for GWC
8. PG FS GWC
9. PG Faculty Senate
10. PG FS Office for President
11. PG FS for President
12. PG FS President Approved
13. PG Registrar

Approval Path

1. 02/07/21 8:56 pm
Patty Murphy
(pxm491): Approved for PG University Accreditation
2. 02/08/21 12:33 pm
Bradford McGuinn
(b.mcguinn):

Subcomponents Yes

Subcomponents

Subcomponent Type	Subcomponent Name
Concentration	Certificate in Security Management

Effective Term Summer 2021

First Term Valid Spring 2021

Program Instruction Mode In Person

Where is the program offered?

Location	Please provide the % of instruction at each location.
Coral Gables Campus	20
Medical Campus	80

Program Length (Years) 4

Total Credits 166

- 3. 02/08/21 3:22 pm
Patty Murphy (pxm491): Rollback to PG IGS GR Director for PG University Accreditation
- 4. 02/08/21 11:12 pm
Bradford McGuinn (b.mcguinn): Approved for PG IGS GR Director
- 5. 02/09/21 8:40 am
Patty Murphy (pxm491): Approved for PG University Accreditation
- 6. 02/09/21 1:35 pm
Tiffany Plantan (tplantan): Approved for PG GR School
- 7. 02/19/21 12:16 pm
Tiffany Plantan (tplantan): Approved for PG Graduate Council
- 8. 02/20/21 3:55 pm
Guillermo Prado (gprado): Approved for PG GR Dean

To Be Published in the Academic Bulletin

Program Overview

The University of Miami's College of Arts & Sciences offers a joint M.D./Master of Arts in International Administration (MAIA) degree program in partnership with the Miller School of Medicine.

The MD/MAIA curriculum includes a Certificate in Security Management, which is designed to prepare students to meet the various multidimensional security challenges that have faced our planet in the last two decades: from the aftermath of 9/11 to the most recent crisis of COVID-19. For future physicians, understanding the sociocultural and geopolitical threats posed by violent human actions, natural disasters, and pandemics, is essential. Transformational leadership in times of acute crisis demands a unique array of insights and skills.

The MD/MAIA program is grounded in an academic, theoretical, understanding of security problems and emergency management strategies. It also emphasizes the development of the practitioner's arts within the strategic, tactical and operational realms of international security administration.

Program Mission Statement

The Dual MD/Master of Arts in International Administration (MD/MAIA) with a Certificate in Security Management will provide MD students to address the multidimensional challenges that confront modern, global institutions, including international affairs, geopolitics, security, disaster management, and human resilience.

The NextGenMD curriculum, in partnership with the MAIA program, strives to empower learners to transform lives and inspire learners to serve the global community. The curriculum will produce transformational leaders who will shape the future of medicine, direct health systems, and champion discovery and its translation into clinical interventions.

Students in the joint MD/MAIA program engage with the considerations of politics and culture, as well as those of economics and management in order to develop the skills necessary to work with people in multiple contexts and environments. These include:

Local, state and federal governmental agencies

Regional and international organizations

National and international public health-care management organizations

Non-profit public service organizations

Global relief and charitable groups

Civil society movements

Corporate and financial concerns

Emergency management organizations

Program Goals

The MD/MAIA program's goal is to provide a scholarly concentration to satisfy the NextGenMD's personalized curriculum through a dual degree program. MD/MAIA students will have the opportunity to study social and cultural determinants of health in a global context through MAIA coursework and the required thesis.

Student Learning Outcomes

MD Program

Students will demonstrate master of biomedical knowledge (i.e.. anatomy, biochemistry, immunology, etc.) required to practice clinical medicine.

Students will demonstrate clinical skills proficiency, such as performing a complete physical examination. Student competency in performing a physical examination and in clinical skills is evaluated by student performance on end of year 1 and 2 competency exercises.

Students will demonstrate application of knowledge and skills to clinical decision-making and the practice of medicine, including formulating differential diagnoses, and a diagnostic and therapeutic plan. Student competency in organizing clinical data, synthesizing clinical information and formulating management plans is demonstrated by performance on the United States Medical Licensing Step 2 Clinical Skills Examination.

MAIA Program

Students will demonstrate knowledge of the subject-matter, the topic, at the center of their Practicum Report. This involves an understanding of the functional and organizational setting in which they served during their internship, the broader political, cultural and economic context within which the internship site exists and the ability to abstract from their experience a specific topic for analysis to which students apply skills in critical analysis, problem-solving and written communications developed during their course of study.

Students will demonstrate critical thinking skills, a habit of mind characterized by the comprehensive exploration of issues, ideas, artifacts, and events before accepting or formulating an opinion or conclusion.

Students will demonstrate their skills in written communication, learning to work in many genres and styles. It can involve working with many different writing technologies, and mixing text, data and images.

Curriculum Requirements

Curriculum Requirements

MD/MAIA with a Certificate in Security Management

MD Requirements (136 credits)

Phase 1: Pre-Clerkship

MDR 550	Introduction to the Medical Profession	3
MDR 526	Biomedical Principles of Health I	5
MDR 527	Biomedical Principles of Health II	5
MDR 531	Medicine as a Profession 1	4
MDR 532	Medicine as a Profession 2	4
MDR 533	Medicine as a Profession 3	1
MDR 520	Symptoms, Signs, and Disease 1	3
MDR 521	Symptoms, Signs, and Disease 2	4

MDR 522	Symptoms, Signs, and Disease 3	6
MDR 523	Symptoms, Signs, and Disease 4	3
MDR 524	Symptoms, Signs, and Disease 5	6
MDR 525	Symptoms, Signs, and Disease 6	5
Phase 2: Integrated Clerkships		
MDR ### Transition to Clerkships		
MDR 715	Integrated Pediatrics and Obstetrics and Gynecology	12
MDR 716	Integrated Surgery, Emergency Medicine, and Anesthesiology	12
MDR 717	Integrated Medicine	12
MDR 718	Integrated Psychiatry, Neurology, and Family Medicine	12
MDR ### Medicine as a Profession Clerkships 1		
MDR ### Medicine as a Profession Clerkships 1		
MDR ### Medicine as a Profession Clerkships 3		
Phase 3: Advanced		
MDR ### Sub-Internship		
MDR ### Clinical Selective		
MDR ### Integrative Science Selective		
MDR ### Critical Care Selective		
MDR ### Transition to Residency		
MDR ### Specialty Boot Camp		
Electives		
MAIA REQUIREMENTS (30 credit hours)		
IGS 611	International Organizations	3
IGS 612	International Administration	3
IGS 613	Global Cultures: Religion, Communication, and Security	3
IGS 614	World Affairs and Diplomacy	3
IGS 615	International Political Economy	3
IGS 644	Energy Security and Environmental Sustainability	3
IGS 645	Human Security: Prevention Mitigation	3
IGS 646	Civil Security Management	3
IGS 647	Disasters and Humanitarian Assistance	3
IGS 820	Research in Residence	3
Total Credit Hours		166

Plan of Study

UNIVERSITY OF MIAMI MILLER SCHOOL of MEDICINE **NEXTGENMD**

Empower to Transform, Inspire to Serve

PRE-CLERKSHIP PHASE

1A: Inspire & Empower		1B: Foundations Biomedical Sciences				1C: Examine Human Disease through Symptoms								
AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

CLERKSHIP PHASE: Integrated Clerkships

Mind, Matter, and Medicine Practice of Medicine From the ER to the OR												USMLE		
OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Health through the Lifespan Intersections														

ADVANCED PHASE: Pathways & Capstones

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY
Sub-internship Electives Pathways and Dual Degrees Specialty Selectives Integrated Science Capstones																

Medicine as a Profession (Longitudinal)
Clinical Skills | Professionalism | Communication Skills | Population Health | Health System Sciences | Nutrition & Wellness | Personal Development

Scholarly Concentration (Longitudinal)

<http://www.med.miami.edu/education>

MAIA with Certificate in Security Management Plan of Study

MAIA courses are integrated into the NextGenMD curriculum to allow for MD students to complete both degree programs .

Plan of Study Grid

Year One

Spring

Credit Hours

M.D. Pre-Clerkship Phase 1C

[IGS 611](#) International Organizations

3

[IGS 613](#) Global Cultures: Religion, Communication, and Security

3

<https://next-bulletin.miami.edu/courseleaf/approve/?role=PG FS GWC>

Credit Hours	6
Summer I	
M.D. Pre-Clerkship Phase 1C	
IGS 644 Energy Security and Environmental Sustainability	3
IGS 646 Civil Security Management	3
Credit Hours	6
Summer II	
M.D. Pre-Clerkship Phase 1C	
IGS 645 Human Security: Prevention & Mitigation	3
IGS 647 Disasters and Humanitarian Assistance	3
Credit Hours	6
Year Two	
Fall	
M.D. Pre-Clerkship Phase 1C/Clerkship Phase	
IGS 614 World Affairs and Diplomacy	3
Credit Hours	3
Year Three	
Spring	
M.D. Advanced Phase	
IGS 612 International Administration	3
IGS 615 International Political Economy	3
IGS 820 Research in Residence	3
Credit Hours	9
Total Credit Hours	30

Admission Requirements

Students must first be accepted to the University of Miami's MD Program. First year MD students should then apply separately to the MAIA program through this process:

Completed application for admission submitted through CollegeNet

Statement of purpose

A current resume

Official transcripts from each post-secondary institution attended (may be duplicates from the student's MD application)

An official TOEFL or IELTS score is required as proof of English proficiency for international applicants who did not receive a degree in the United States or a foreign country where English is the primary language. The following minimum score is required for admission to a graduate business degree program.

TOEFL - 94 or above (iBT only)

IELTS - 7.0 or above

Upon receipt of the student's application, an admissions interview will be scheduled with the MAIA director or another designee from the MAIA program.

QUESTIONS?

Please contact the College of Arts & Sciences' Office of Interdisciplinary and Professional Studies at (305) 284-8783 or by email at maiaadmissions@miami.edu

Rationale

Rationale

In May 2019, Miller School of Medicine Dean Henri R. Ford, issued a bold challenge to the faculty of the Medical School to imagine a multi-phase redesign of the M.D. curriculum, allowing students to develop a personalized pathway in a specialized area of interest, consisting of scholarly or joint degree pursuits.

To that end, the College of Arts & Sciences (A&S) was approached to consider dual degree options for medical students that align with the NextGenMD mission to empower learners to transform lives and serve the global community. The Master of Arts in International Administration (MAIA) has a rich history of collaboration with various Medical School faculty who frequently guest lecture to MAIA classes on topics of emergency management, disaster relief, and humanitarian assistance. In addition, MAIA students participated in UM's inaugural humanitarian disaster response course created by Humanitarian U and facilitated by the School of Nursing and Health Studies (SONHS) and the Miller School's Gordon Center for Research in Medical Education and Global Institute for Community Health and Development.

Market Demand

Students in this program will come from the existing MD cohort. Dual MD/Master's programs are increasing in popularity and offering at our peer and aspiring-peer institutions. The Association of American Medical Colleges offers a complete list of medical schools with combined degree programs. MAIA itself is unique among graduate degrees that prepare students for the operational and managerial aspects of security, sustainability, and geopolitics. MAIA alumni currently work for: CDC, WHO, American Oncology Network, American Red Cross, Refugee Assistance Alliance, Non-profit organizations, and Multi-national organizations.

Relationship to Other Programs

There are several existing joint degree programs within the College of Arts & Sciences and the Miller School of Medicine, including dual and joint MD/Masters options as part of the NextGenMD curriculum. Relevant existing programs include:

MAIA/Master of Public Health (MPH)

MAIA/Master of Public Administration (MPA)

MD/Master of Business Administration (MBA)

MD/MPH

MD/Juris Doctor

In addition to this proposal, the College of Arts & Sciences and the Miller School of Medicine are collaborating on a joint MD/Certificate in Security Management (for students who do not wish to complete a full Master's degree) and a joint MD/Master of Arts in Medical Humanities (new degree). These proposals are forthcoming.

Library Resources Available and Needed to Support the Program

No new library resources will be needed to support this degree program.

Laboratory Facilities, Equipment, and Space Available and Needed to Support the Program

No new space or facilities will be needed to support this degree program.

Other Resources Available or Needed to Support the Program

As MAIA is an existing revenue-generating program, MAIA is able to support hiring adjunct faculty and paying faculty overloads as needed by student demand.

Curriculum

Program Curriculum

MD/MAIA students will be integrated into the existing MAIA courses. No new courses are needed to accommodate this joint degree program.

Upload Syllabi for Any New Courses

Proposed Schedule of Course Offerings for the First Three Years

MAIA already provides interdisciplinary coursework and flexible class offerings to accommodate working professionals or, in this case, the rigorous MD student schedule. MAIA is a 30-credit program, with all classes being offered in the evenings, over the summer, or selectively online. The Plan of Study is outlined above and outlines the 10 required MAIA course integrated into the MD/MAIA program.

Faculty

Program Directors

The MAIA Program is Directed by Dr. Bradford McGuinn, Senior Lecturer, Department of Political Science.

Upload CV(s) [McGuinn CV 2020 \[UM\].pdf](#)

Program Faculty

The MAIA program faculty include:

Dr. Bradford McGuinn, MAIA Director, Senior Lecturer, Department of Political Science

Dr. Dina Moulioukova, Lecturer, Department of International Studies

Dr. Edmund Abaka, Associate Professor, Department of History

Dr. Joseph Ganitsky, Professor of Professional Practice, Miami Herbert Business School

Dr. Maxime Larivé, Lecturer, Department of International Studies

Dr. Alejandro Ruelas-Gossi, Assistant Professor of Professional Practice, Miami Herbert Business School

Students

Applicant Pool

The MD/MAIA program is uniquely designed for existing UM MD students and will only be available to students already accepted into the MD program.

Enrollment Projections

It is projected that 10-15 students per cohort will elect to add the MD/MAIA joint degree option as their scholarly concentration pathway.

Administration

Program Administration

The program will be administered by the College of Arts and Sciences (A&S) with oversight by the MAIA program through the Office of Interdisciplinary and Professional Studies (IPS). The IPS Office oversees all interdisciplinary undergraduate and graduate programs of the College, including the MAIA and the Certificate in Security Management, under the direction of the Assistant Dean for Professional Education.

In addition, oversight of the program will be the responsibility of the existing MAIA Program Director and Advisory Board:

Dr. Bradford McGuinn, MAIA Director, Senior Lecturer, Political Science

Dr. Edmund Abaka, Associate Professor, History

Dr. Joseph Ganitsky, Professor of Professional Practice, International Business

Dr. Dina Moulioukova, Lecturer, International Studies

Dr. Daniel Pals, Professor, Religious Studies and History

Ambassador Paul Trivelli, Former US Ambassador to Nicaragua

Dr. Maryann Tobin, Assistant Dean for Professional Education

Dr. Jonathan West, Director of the MPA/MPP Program and Professor, Political Science

Budget

Program Budget

The MD/MAIA program will be supported through MAIA tuition returns and the additional \$20,000 in medical school tuition that will be paid by dual degree students. An MOU between the College of Arts & Sciences and the Medical School has been executed and will be reviewed and revised by the Deans of each school every three years.

Comparison

Peer Comparisons

There is currently no MD/Master of Arts in International Administration program at any known medical school of APSIA-affiliate institution.

However, there are MD Programs with scholarly concentrations in international relations, global affairs, or management, similar to the NextGenMD Curriculum established by the Miller School of Medicine:

Tufts University: MD/MA in International Relations

NYU: MD/MPA in Health Policy & Management, MD/MPH in Global Health

University of Florida: MD/Master of Science in Management

Notre Dame: MD/Master of Science in Global Health

Vanderbilt: MD/M.A. in Medicine, Health & Society

Temple: MD/MA in Urban Bioethics

Case Western: MD/MA in Anthropology

Michigan: MD/Master of Public Policy

Documents

Attach Supporting Documentation [MD-MAIA Supporting Documents.pdf](#)

Reviewer	Patty Murphy (pxm491) (02/07/21 8:56 pm): Since this new joint degree program involves existing programs, notification to or approval from SACSCOC is not required.
Comments	<p>Bradford McGuinn (b.mcguinn) (02/08/21 12:33 pm): Date Voted: 4/8/20 I support this proposal</p> <p>Bradford McGuinn (b.mcguinn) (02/08/21 11:12 pm): We have approval from faculty via email and prior conversation effective 8 February 2021.</p> <p>Tiffany Plantan (tplantan) (02/19/21 12:16 pm): Proposal was presented at the February 16, 2021 meeting of the Graduate Council. Proposal was approved by Council members present.</p> <p>Robyn Hardeman (rhardeman) (02/22/21 5:29 pm): Both College/School Councils have approved this dual degree, the combination of 2 existing degrees. This will be added to the 3/10/21 GWC Consent agenda, virtual meeting. No presentation will need to be made at this meeting, However, we recommend that someone familiar with the proposal be present to respond to any questions, if needed.</p>