



MEMORANDUM

To: Julio Frenk
University President

From: Linda L. Neider
Chair, Faculty Senate

Date: March 26, 2021

Subject: Faculty Senate Legislation #2020-73(B) – Creation of a Doctor of Medicine (MD) /Certificate in Security Management Included in the 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 Doctor of Medicine (MD) /Certificate in Security Management within the 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.

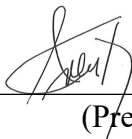
This legislation is now forwarded to you for your action.

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 #2020-73(B) – Creation of a Doctor of Medicine (MD) /Certificate in Security Management Included in the 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 4:27 pm

Viewing: **MD/Certificate in Security Management Dual Program :**

Last edit: 02/08/21 3:21 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, College of Arts & Sciences

Gauri Agarwal, M.D.
Associate Dean, 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/Certificate in Security Management Dual 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 for President
11. PG FS President Approved
12. PG Registrar

Approval Path

1. 02/07/21 8:45 pm
Patty Murphy (pxm491): Approved for PG University Accreditation
2. 02/08/21 12:32 pm
Bradford McGuinn (b.mcguinn): Approved for PG IGS GR Director

No
 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 151

To Be Published in the Academic Bulletin

- 3. 02/08/21 3:22 pm
 Patty Murphy
 (pxm491): Rollback to PG IGS GR Director for PG University Accreditation
- 4. 02/08/21 11:11 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 1:34 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

Program Overview

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

The MD/Certificate in Security Management 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/Certificate in Security Management 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.

***The certificate program is not eligible for federal or state financial aid. Contact the [Office of Student Financial Assistance and Employment](#) for further assistance.**

Program Mission Statement

n/a

Program Goals

n/a

Student Learning Outcomes

n/a

Curriculum Requirements

MD/Certificate in Security Management

MD Requirements (136 credits)

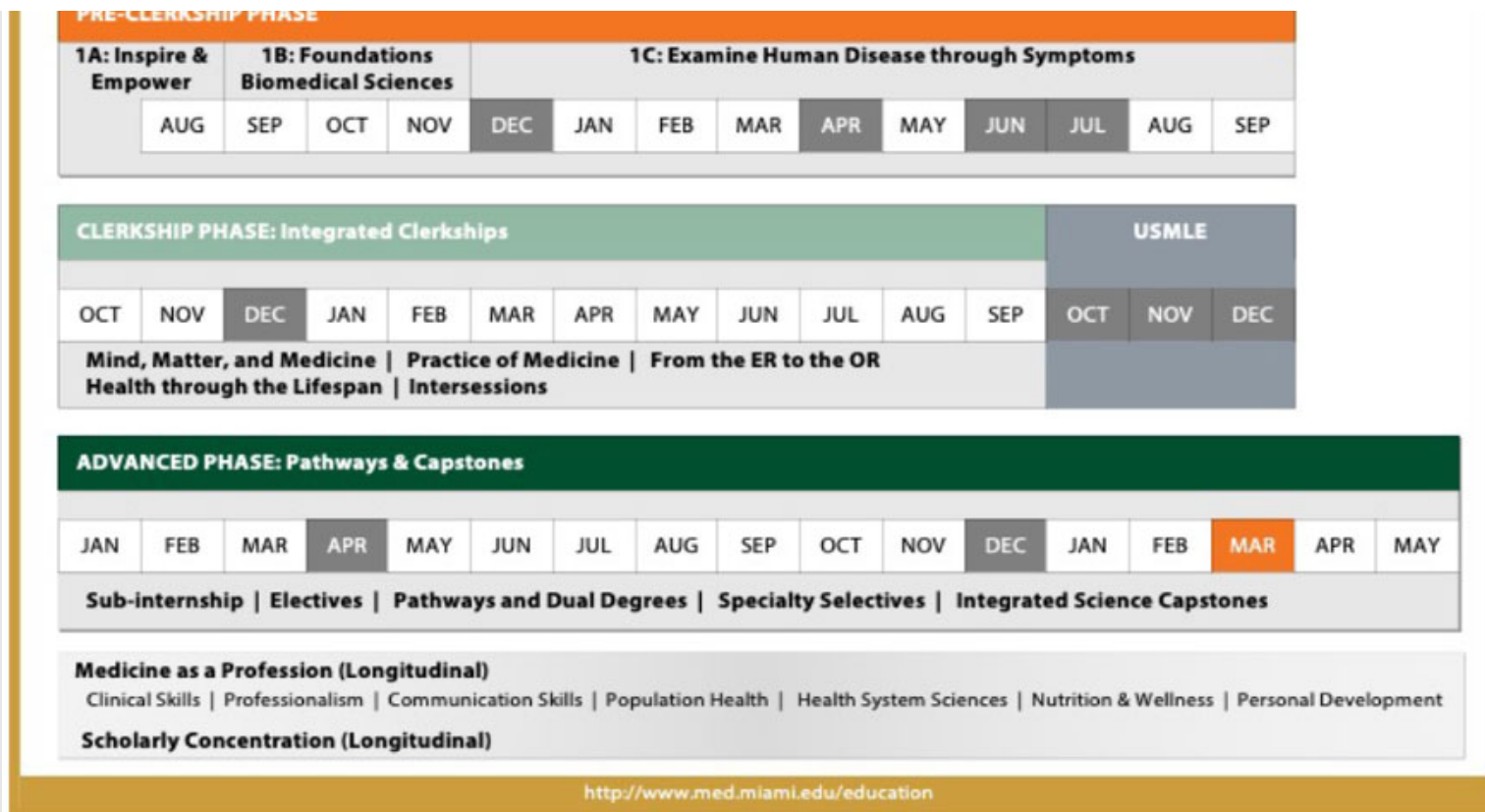
Phase 1: Pre-Clerkship

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	1
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	1
MDR ###	Medicine as a Profession Clerkships 2	3
MDR ###	Medicine as a Profession Clerkships 3	2
Phase 3: Advanced		
MDR ###	Sub-Internship	4
MDR ###	Clinical Selective	4
MDR ###	Integrative Science Selective	4
MDR ###	Critical Care Selective	2
MDR ###	Transition to Residency	2
MDR ###	Specialty Boot Camp	2
Electives		14
Certificate in Security Management (15 credit hours)		
IGS 613	Global Cultures: Religion, Communication, and Security	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
Total Credit Hours		151

Plan of Study





Certificate in Security Management Plan of Study

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

Plan of Study Grid

Year One	
Spring	Credit Hours
IGS 613 Global Cultures: Religion, Communication, and Security	3
Credit Hours	3
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
Total Credit Hours	15

Admission Requirements

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 Certificate in Security Management 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. To that end, the College of Arts & Sciences has agreed to propose two joint degree options within the M.A.I.A. program, a dual MD/MA (proposed separately) and the joint MD/Certificate in Security Management, proposed here.

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. The Certificate in Security Management is itself is unique and timely, designed to prepare graduates for administrative positions across the many dimensions of human security: disaster and emergency management, health and human rights, sustainable development, cyber and civil security.

Relationship to Other Programs

There are several existing dual degree programs within the College of Arts & Sciences and the Miller School of Medicine, including dual MD/Masters and Certificate 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

MAIA/MPH

MD/Juris Doctorate

MA Latin American Studies/Certificate in Geospatial Technology

MA Latin American Studies/MPH

MAIA/Certificate in Geospatial Technology

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

The Certificate in Security Management is managed by the MAIA 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/Cert in Security Management 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 courses for the Certificate in Security Management at times to accommodate working professionals or, in this case, the rigorous MD student schedule. The Certificate in Security Management is a 15-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 5 required courses integrated into the MD/Cert in Sec Management program.

Faculty

Program Directors

The Certificate in Security Management is Directed by MAIA Director, Dr. Bradford McGuinn, Senior Lecturer, Department of Political Science.

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

Program Faculty

The Security Management 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

Students

Applicant Pool

The MD/Certificate in Security Management 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 3-5 students per cohort will elect to add the MD/Cert in Security Management 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/Cert in Sec Management program will be supported through MAIA tuition returns and the additional \$10,000 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/Cert in Security Management 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-CSM Supporting Documents.pdf](#)

Reviewer **Patty Murphy (pxm491) (02/07/21 8:40 pm)**: Since this new joint degree program involves two existing programs, notification to or approval from SACSCOC is not required.

Comments **Bradford McGuinn (b.mcguinn) (02/08/21 12:32 pm)**: Date of vote: 4/13/20 I support the proposal

Bradford McGuinn (b.mcguinn) (02/08/21 11:11 pm): We have approval for the proposal from faculty via email and prior conversation effective 8 February 2021.

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.

Robyn Hardeman (rhardeman) (02/22/21 5:26 pm): Both College/School Councils have approved this 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.