



**MEMORANDUM**

**To:** Donna E. Shalala, President

**From:** Richard L. Williamson  
Chair, Faculty Senate

A handwritten signature in black ink, appearing to read 'Richard L. Williamson'.

**Date:** September 26, 2011

**Subject:** Faculty Senate Legislation #2011-09(B) – Establish a Bachelor of Architecture/Master of Business Administration (BArch/MBA) Joint Degree Program

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At its September 21, 2011 meeting, the Faculty Senate unanimously approved the proposal to establish a joint degree program that allows students to earn a Bachelor of Architecture and a Master of Business Administration (BArch/MBA) in six years. This joint degree program utilizes curricula from the two existing programs.

The supporting materials are enclosed for your reference.

This legislation is now forwarded to you for your action.


RW/rh

Enclosure

cc: Thomas LeBlanc, Executive Vice President and Provost  
Eugene Anderson, Dean, School of Business Administration  
Elizabeth Plater-Zyberk, Dean, School of Architecture  
Ana Santana, Assistant Dean, Presenter, School of Architecture  
Frank Martinez, Associate Professor, Presenter, School of Architecture  
Anuj Mehrotra, Professor, Presenter, School of Business Administration

CAPSULE: Faculty Senate #2011-09(B) – Establish a Bachelor of Architecture/Master of Business Administration (BArch/MBA) Joint Degree Program

PRESIDENT'S RESPONSE

APPROVED:  DATE: 10/3/2011  
(President's Signature)

OFFICE OR INDIVIDUAL TO IMPLEMENT: DEAN ANDERSON AND PLATER-ZYBERK

EFFECTIVE DATE OF LEGISLATION: IMMEDIATELY  
(if other than June 1 next following)

NOT APPROVED AND REFERRED TO: \_\_\_\_\_

REMARKS (IF NOT APPROVED): \_\_\_\_\_



## MEMORANDUM

TO: GENERAL WELFARE COMMITTEE  
FACULTY SENATE

FROM: Anuj Mehrotra, Vice Dean Graduate Business Programs  
Frank Martinez, Associate Dean of Architecture

A handwritten signature in black ink, appearing to read 'Anuj Mehrotra', written over the printed name.

Cc: Eugene Anderson, Dean of the School of Business Administration  
Elizabeth Plater-Zyberk, Dean of School of Architecture

Date: August 23, 2011

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In the spirit of collaboration that has existed between the Schools of Business Administration and the School of Architecture, particularly since the new MBA Concentration In Real Estate, the Schools began working on the BArch/MBA in 2008. A proposal which satisfied the requirements for the Bachelors of Architecture and the Master of Business Administration degrees was drafted. This was then presented and approved by the School of Business Administration School Council in May 2008. It was presented and approved by the faculty in the School of Architecture in May 2008. Via electronic correspondence, the details of the proposal for the program were also shared with the Dean of the Graduate School. Attached is a letter from her indicating a formal approval as well.

The BArch/MBA is a revenue neutral program which both Schools aimed at enhancing the University reputation and providing this opportunity to the select architectural students who wish to take advantage of this opportunity to further prepare for the business related aspects of their careers.

The BArch/MBA Program allows students to gain a thorough understanding of business practices to complement their design education. The joint degree offers students the unique opportunity to complete a Bachelor of Architecture as well as a Master of Business Administration in six years, saving a year by combining the programs.

The students will obtain their Bachelor of Architecture during their first four and a half years of the joint program. During the fourth and fifth year, they will simultaneously complete their BARCH degree with the 171 required undergraduate credits and complete the coursework of the Graduate Business Certificate Program fulfilling four of their basic MBA required courses in Accounting, Finance, Management, and Marketing. During the second half of their fifth year, they will continue with their MBA courses for a total of 57 business graduate credits, including elective courses which will offer them



the possibility of obtaining a concentration in an area such as real estate. The Management Science MAS 631 course is replaced by MAS 201 or MAS 202 which cover the approved material. It is typical for us to offer our students to waive out of MAS 631 if they have taken equivalent classes in their undergraduate (although it involves a waiver exam to make sure of currency). Since these students would be taking our classes here and will be current, we have excused the need of waiver exam.

Both Schools wish to share all the pertinent information and seek guidance on how to fully comply with the appropriate notification and/or approval by Faculty Senate. We are attaching the letters of support from the Deans of both Schools, as well as the Dean of the Graduate School, an Executive Summary of the Proposed Program including the Curriculum, and the notification received from SACS regarding this program.

In the case that further clarification is deemed necessary; we are at the disposition of the General Welfare Committee and the Faculty Senate to provide these in order to contribute to a timely approval of this program.

# BARCH/MBA PROGRAM

## BARCH COURSEWORK

## MBA COURSEWORK

Fall – Term 1	Fall – Term 2	Spring – Term 1	Spring – Term 2	Summer
<b>BARCH – Year 1</b> 101: Arch Design I 111: Drawing I 121: Architecture & Culture MTH 130: Intro to Calculus ENG 105: English Comp I		<b>BARCH – Year 1</b> 102: Arch Design II 112: Drawing II 122: Architecture & Behavior PHY 103: General Physics ENG 105: English Comp I		
<b>BARCH – Year 2</b> 203: Arch Design III 213: Computing I 223: Architecture & the Environment 230: Building Tech: Materials & Methods 267: History of Architecture I		<b>BARCH – Year 2</b> 204: Arch Design IV 231: Building Tech: Structural Systems 268: History of Architecture II Natural Science Elective History Elective (non arc)		
<b>BARCH – Year 3</b> 305: Arch Design V 362: Environmental Building Structures I CAE 213: Building Structures I History Elective (non arc) MAS 201		<b>BARCH – Year 3</b> 306: Arch Design VI 363: Environmental Building Structures II CAE 313: Building Structures II Professional Architecture Elective MAS 202		Summer Studio 407: Arch Design VII
<b>BARCH – Year 4</b> 408: Arch Design VIII Architecture History Elective Architecture Elective Architecture Elective Architecture Elective Architecture Elective (Option to have this as a Rome Semester)		<b>BARCH – Year 4</b> 509: Design IX 452: Professional Practice Architecture Elective Architecture Elective Architecture Elective ACC 600 and MKT 660 (GBC Certificate – Saturdays)		
<b>BARCH – (Year 4.5)</b> 510: Arch Design X Architecture Elective Architecture Elective MGT 600 and FIN 602 (GBC Certificate – Saturdays)  BARCH Graduate Clearance (Year 4.5)		<b>MBA – Year 1</b>  BUS 602 BUS 604 MAS 632 Elective Elective  7.5 credits.	<b>MBA – Year 1</b>  BUS 603 CIS 610 FIN 642 MGT 643  7 credits.	
<b>MBA – Year 1</b>  BUS 604 MGT 675 Elective Elective Elective  8.5 credits.	<b>MBA – Year 1</b>  ECO 685 Elective Elective Elective  8 credits.	<b>MBA – Year 1.5</b>  Elective Elective Elective Elective  8 credits.	<b>MBA – Year 1.5</b>  BSL 690 MGT 677 MKT 650  6 credits.	<b>MBA – Graduate Clearance</b> (Year 1.5)

## MBA Required Course Descriptions

### **BSL 690 Legal and Ethical Implications of Business Decision Making (2 credits)**

The course provides an introduction to our legal and governmental regulatory system, as well as a review of constitutional considerations for businesses. Morality and ethics are defined and distinguished. Applied philosophy is then introduced, to give the student a foundation upon which to analyze the ethical dimensions of common business questions. The relationship between the letter and the spirit of the law is examined. Specific business topics and their legal and ethical aspects are then addressed. This includes, but is not limited to, discussion of the following areas: consumer relationships; business organizations; the balancing of corporate vs. individual power (employee rights and responsibilities, employment discrimination); and the emerging ethic of a global economy.

### **BUS 602 Critical Thinking and Effective Writing (1 credit)**

Critical thinking skills are developed by studying questions that transcend any single business discipline. Utilizing a variety of written formats, students hone analytic and persuasive skills, with emphasis on identifying critical questions, developing reasoned positions, and making compelling written arguments.

### **BUS 603 Critical Thinking and Effective Speaking (1 credit)**

Builds on critical thinking and writing skills acquired in BUS 602. Topics include oral persuasion, prepared and impromptu speeches and dealing with the media, defending one's view before adversarial audiences, display of data, and effective use of visual aids.

### **BUS 604 MBA Career Development and Enrichment (1 credit)**

This course will expose students to a variety of academic and industry career lectures, events, and workshops to enhance their MBA experience. The focus is to establish added-value to an MBA student through real world and relevant access to information and resources beyond the traditional curriculum.

### **CIS 610 Foundations of Management Information Systems (2 credits)**

This course is designed to provide the foundations in management information systems required to understand and effectively use an enterprise wide information system. Topics include: The role of the CIO, managing Information Technology (IT) as a strategic resource, the business of process engineering, IT planning, IT governance and communication, the internet and eBusiness.

### **ECO 685 Managerial Decisions in a Global Economy (2 credits)**

Modern techniques of economic analysis and decision science are applied management of the firm in a global environment. Business planning and the determinants of supply and demand are an integral part of the course. The principal forms of business organization and dissolution are reviewed. The major issues confronted by the

firm: Principal-agent problem (or how to motivate managers to act in the best interest of the owners, the shareholders), moral hazard, discounting of free cash flow and terminal value, economies of scale and scope, and strategic management decision making are covered.

**FIN 642 The Financial Environment (2 credits)**

Topics include an introduction to the global securities markets and foreign exchange, basic derivatives, real options, the security trading process, fixed income securities markets, the term structure, investment banking, and short-term financial management and planning.

**MAS 632 Management Science Models for Decision Making (2 credits)**

This course aims to familiarize the student with Management Science tools for business systems analysis and improvement. The coverage includes linear and integer programming models, project management, simulation, queuing and decision analysis. Some widely used software will be illustrated through examples and case studies derived from business applications.

**MGT 643 Principles of Operations Management (2 credits)**

Introduction to operations management, forecasting, process analysis, aggregate planning, capacity management, waiting line management, system design, quality management, and inventory management.

**MGT 675 Business Policy and Strategy (2 credits)**

The objectives of the course are to improve the student's ability to think strategically and to provide an intellectual framework that enhances understanding of the MBA program. The course focuses on relationships among the firm, its strategy, and its environment; why firms choose certain businesses; which business strategies are successful; and how firms can change in response to a dynamic environment. Models for strategic formulation, implementation, and control are developed that facilitate an integrated understanding of the courses that comprise the MBA curriculum. Readings and lectures illustrate strategic management theories and frameworks while case discussions, experiential exercises, and team projects provide opportunities for application.

**MGT 677 Corporate Strategy and Organization (2 credits)**

This capstone course focuses on the perspective and skills of the general manager. Its purpose is to provide practice in diagnosing and identifying realistic solutions to complex strategic and organizational problems. The course builds on previous coursework by providing an opportunity to integrate various functional areas and by providing a total business perspective. Since the focus is on pragmatic, action-oriented general management skills, the course will be taught primarily through the case method and will require both written analyses and case presentations.

**MKT 650 Strategic Marketing (2 credits)**

Course develops the skills necessary to strategically manage business-unit level marketing activities in a multi-brand firm. This necessitates examining all marketing mix elements, R&D, financial and production considerations simultaneously in the context of the many markets, products and services that may concern a typical firm. The emphasis of the course is on understanding internal capabilities, market competitors and customers. The course will utilize a market simulation exercise, cases and readings.



**M E M O R A N D U M**

TO: Richard Williamson,  
Chair, Faculty Senate

FROM: Eugene W. Anderson  
Dean

A handwritten signature in black ink, appearing to read 'Eugene'.

SUBJECT: BArch/MBA Dual Degree Program

DATE: August 29, 2011

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This letter is forwarded to you to document my support for the creation of a joint degree program between the School of Architecture and the School of Business Administration. This joint interdisciplinary dual degree program will allow students the unique opportunity to attend the University of Miami and receive a Bachelor of Architecture and a Masters in Business Administration in six years, thereby saving the candidates one year by combining the two extant programs.

We are pleased that this joint program further enhances the real estate development programmatic initiatives and other academic collaborations which already exist between the two Schools.

This program was discussed and unanimously approved by the School of Business's School Council. It is required that students admitted to the program must meet all of the MBA requirements and the Bachelor of Arts requirements imposed by the School of Architecture. It is both my opinion and that of the SBA faculty that this program will permit architecture students to expand and enrich their academic experience while gaining a thorough understanding of business concepts and practices.

I enthusiastically support the approval of this joint degree program and look forward to continuing our collaborations with the School of Architecture through this program and our other initiatives.

EWA:bir





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www.arc.miami.edu

To: Richard Williamson, Chair  
Faculty Senate

From: Elizabeth Plater-Zyberk, Dean *EPZ*

Subject: BArch/MBA Dual Degree Program

Date: August 30, 2011

This is to confirm my support for the BArch/MBA (Bachelor of Architecture/Master of Business Administration) dual degree program. This program will allow students to receive in six years a professional degree in architecture, accredited by the National Architecture Accrediting Board, in combination with a graduate degree in business, saving a year by combining the two program curricula.

The program was reviewed and approved by the School of Architecture faculty (April 2008). The combination of the two degrees is a logical enrichment of architecture professional studies. It will enable the School of Architecture to further its appeal in recruitment of students.

Coordination of programs between the two schools already exists as many BArch students select business as a minor, and architecture and business faculty collaborate in the real estate development offerings of the two schools.

The faculty of the School of Architecture supports the BArch/MBA, with appreciation of the ongoing relationship with the faculty of the School of Business Administration through this and other initiatives. I believe expanding our cooperation will benefit both schools and I support the new program with enthusiasm.



Torri A. Scandura, Ph.D.  
Dean of the Graduate School

Graduate School  
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MEMORANDUM

DATE: August 23, 2011  
TO: Richard Williamson  
Chair, Faculty Senate  
FROM: Terri A. Scandura *T.A. Scandura*  
Dean, The Graduate School  
SUBJECT: BArch/MBA Dual Degree Program

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The School of Architecture and the School of Business have submitted a request to combine two degree programs (Bachelor of Architecture and Master of Business Administration). The joining of the degree programs was discussed at the meeting of the Graduate Council on Thursday, August 18, 2011, and none of the Graduate Council members expressed any concerns.

cc: Denis Hector, School of Architecture  
Anuj Mehrotra, School of Business  
Office of Planning, Institutional Research and Assessment



SOUTHERN ASSOCIATION OF COLLEGES AND SCHOOLS  
COMMISSION ON COLLEGES

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July 18, 2011

Received on:

JUL 21 2011

OFFICE OF ACCREDITATION  
1115 N. W. 11th St., Suite 100  
Miami, FL 33136

Dr. Andy S. Gomez  
Assistant Provost for Planning,  
Institutional Research, and Assessment  
University of Miami  
1320 South Dixie Highway, Suite 260  
Coral Gables, FL 33146

Dear Dr. Gomez:

Thank you for your letter of May 24, 2011, providing notification that, effective fall 2011, the School of Business and the School of Architecture will implement a joint degree program.

The joint degree program allows students to earn a Bachelor of Architecture degree and a Master of Business Administration degree in six years, thereby saving students one year by combining the programs. Students will have an opportunity to gain an understanding of business practices to complement their design education.

The M.B.A. and Bachelor of Architecture joint degree program will be comprised of existing courses, will not require additional resources, and will not require additional faculty. Thus it is not considered to be a substantive change. We acknowledge the notification, will add the information to our files, and request no further information.

Best regards,

A handwritten signature in cursive script that reads "Belle S. Wheelan".

Belle S. Wheelan, Ph.D.  
President

BSW/ABC:efk

cc: Dr. Donna E. Shalala, President  
Dr. Barry D. Goldstein