



## **PROPOSAL TO THE SENATE COMMITTEE ON EDUCATIONAL POLICY**

### **TITLE OF THE PROPOSAL:**

Establish a joint degree program between the existing Master of Architecture (M.Arch) and Master of Science in Architectural Studies (MS in AS) degrees offered through the School of Architecture

### **SPONSOR:**

Abbas Aminmansour, School of Architecture (333-2834, [AAmin@Illinois.edu](mailto:AAmin@Illinois.edu))

### **COLLEGE CONTACT:**

Professor Linda Robbennolt, Interim Associate Dean, College of Fine and Applied Arts (333-6061, [weasel@illinois.edu](mailto:weasel@illinois.edu))

### **BRIEF DESCRIPTION:**

The School of Architecture proposes to establish a joint degree program between the existing M.Arch. and MS in AS degree programs.

The M.Arch. is a two year professional program for students holding a four-year Bachelor of Science in Architectural Studies (BS in AS) or a similar degree in architecture and recognized by the National Architectural Accrediting Board (NAAB) for direct entry into a two year M.Arch. program. To earn this degree, students must complete a total of 62 hours of graduate credit.

The MS in AS degree is a 1-year program. This degree is not accredited by the National Architecture Accrediting Board (NAAB). The requirements of this degree include 16 credit hours of Architectural electives and 16 credit hours of free electives which are determined in consultation with the students Program Chair.

The total credit hours required for obtaining the two degrees separately is 94 hours. The Graduate College guidelines on joint degree programs allow for sharing of a maximum of 12 hours in a joint degree program. Therefore, the proposed joint degree program requires a total graduate credit hours of 82 credits. Twelve credit hours of Arch-57X (design studios) will be considered as the hours counting toward both degrees.

In order to participate in this joint degree program, students must be initially admitted to either the M.Arch. or the MS in AS degree program and submit the appropriate form to be admitted to the joint degree program. A sample course plan for the joint degree program with the Structures Concentration is included in Appendix I of this proposal.

## Proposal to Establish A Joint M.Arch.-MS in AS Degree Program

The proposed M.Arch.-MS in AS joint degree program does not affect or replace any of the existing joint degree programs the School offers in collaboration with other units.

Both the M.Arch. and the MS in AS degrees will continue to be offered independent of this joint degree program. Establishing the proposed joint degree program does not change the requirements or availability of the two degrees in any way.

### **JUSTIFICATION:**

The School of Architecture at the University of Illinois at Urbana-Champaign has a distinguished history for educating some of the most technically competent architects. Our faculty's teaching and research experience covers a wide range of areas within architecture. One of the School's long term strengths has been its graduate Structures specialization.

For many years our M.Arch. degree has allowed our graduates to take the necessary exams and become licensed Architects and Structural Engineers (SE) in Illinois. But, our graduates often experience rejection when attempting to register as licensed engineers in other states because they hold an architecture degree and are not credentialed in structures. This has been a major issue for our graduates for many years.


During the fall 2015 semester the School of Architecture proposed to establish a Structures Concentration under our existing MS in AS degree as well as the joint degree program proposed in this document. The proposal to establish a Structures Concentration under the MS in AS degree was approved at all levels and the Provost's Office recently informed our School that we are free to advertise the Concentration. This proposal is the second portion of the solution to the licensing difficulties our Structures graduates face in other states.

### **BUDGETARY AND STAFF IMPLICATIONS:**

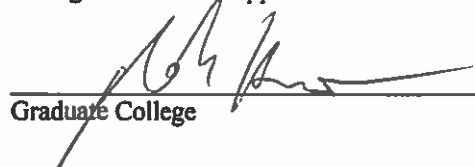
This proposal requests establishing a joint degree program between two existing degrees (M.Arch and MS in AS) with no changes to the course requirements of each degree. All courses required for the joint degree program have been offered for many years. Admission levels for the two degrees will not change due to the joint degree program. Therefore, no budgetary implications are expected as the result of this request.

Proposal to Establish A Joint M.Arch-MS in AS Degree Program

**CLEARANCE SIGNATURES:**

 2-27-15  
\_\_\_\_\_  
School of Architecture Date

 3-25-15  
\_\_\_\_\_  
College of Fine and Applied Arts Date

 5/19/2015  
\_\_\_\_\_  
Graduate College Date

\_\_\_\_\_  
Office of the Provost Date

\_\_\_\_\_  
Senate Educational Policy Committee Date

**STATEMENT FOR PROGRAMS OF STUDY CATALOG:**

The School of Architecture offers a joint M.Arch.-MS in AS degree program for students interested in pursuing both an M.Arch degree as well as one of the concentrations offered through the MS in AS degree program. Completion of in-depth programs (e.g. Structures) will result in recording of the Concentration on the student's transcript under the MS in AS degree. Per Graduate College guidelines, students in a joint degree program are permitted to count up to 12 hours of course work from one degree as electives toward the second degree. Students interested in participating in the joint M.Arch.-MS in AS degree program must be admitted to and meet all requirements of each degree program and complete a minimum of 82 credit hours of graduate work. Students with no undergraduate degrees in architecture and participating in the four-year M.Arch. degree program may petition to enter the joint M.Arch-MS in AS degree program upon completion of their required undergraduate courses. The M.Arch. degree is a professional degree accredited by the National Architectural Accreditation Board (NAAB) but the MS in AS degree is not accredited.

**EFFECTIVE DATE:**

It is requested that this proposal be implemented as early as possible upon approval and encompass students already in the M.Arch. degree program at that time.

September 14, 2015 version

## Architecture

### Graduate Degree Programs

The School of Architecture offers two graduate programs, leading to a Masters degree: 1) a two-year professional Master of Architecture degree and 2) a one-year Master of Science in Architectural Studies.

The Master of Architecture (M.Arch) program is for students holding a four-year Bachelor of Science in Architectural Studies (or similar degree in architecture). Completion of the M.Arch degree program requires 62 credit hours. One may be admitted to the Master of Architecture program with Limited Standing if the student holds a bachelor's degree (or higher) in any field other than architecture. M.Arch students with Limited Standing typically take two years to complete undergraduate prerequisite courses to attain full standing in the M. Arch program. The Master of Architecture degree is a professional degree accredited by the National Architectural Accreditation Board (NAAB).

The Master of Science in Architectural Studies (MS in AS) degree program is for students holding a five-year Bachelor of Architecture professional degree or for students interested in pursuing one of the graduate concentrations offered through the School of Architecture. Completion of the MS in AS degree program requires 32 credit hours. The MS in AS degree is not accredited by NAAB.

The School of Architecture, together with the graduate programs of Business Administration, Computer Science, Urban and Regional Planning, and Civil and Environmental Engineering, offers graduate programs leading to the following joint degrees: Master of Architecture and Master of Business Administration, Master of Architecture and Master of Computer Science, Master of Architecture and Master of Urban Planning, and Master of Architecture and Master of Science in Civil and Environmental Engineering (Construction Engineering and Management) (Structures).

The School of Architecture, together with the Department of Landscape Architecture, offers a graduate program leading to the Doctor of Philosophy degree.

The School of Architecture offers a joint M.Arch.-MS in AS degree program for students interested in pursuing both an M.Arch degree as well as one of the concentrations offered through the MS in AS degree program. Completion of in-depth programs (e.g. Structures) will result in recording of the Concentration on the student's transcript under the MS in AS degree. Per Graduate College policy, students in a joint degree program are permitted to count up to 12 hours of course work from one degree as electives toward the second degree. Students interested in participating in the joint M.Arch-MS in AS degree program must be admitted to and meet all requirements of each degree program and complete a minimum of 82 credit hours of graduate work. Students with no undergraduate degrees in architecture and participating in the four-year M.Arch. degree program may petition to enter the joint M.Arch-MS in AS degree program upon completion of their required undergraduate courses. The M.Arch. degree is a professional degree accredited by the National Architectural Accreditation Board (NAAB) but the MS in AS degree is not accredited

**APPENDIX I**

## Sample Course Plan for the Joint M.Arch.-MS in AS degree Program with the Structures Concentration<sup>1, 2</sup>

FIRST SEMESTER		SECOND SEMESTER	
ARCH-551: Structural Analysis	4	ARCH-553: Adv Reinforced Concrete Design	3
ARCH-550: Reinforced Concrete Design	4	ARCH-552: Soil Mech & Foundations	3
ARCH-57X: Architecture Design Studio <sup>3</sup>	6	ARCH-57X: Architectural Design Studio <sup>3</sup>	6
ARCH Core Course <sup>3</sup>	3	ARCH Core Course <sup>3</sup>	4
Total Hours	17	Total Hours	16
THIRD SEMESTER		FOURTH SEMESTER	
ARCH-554: Advanced Steel Design	3	ARCH-556: Advanced Structural Planning	4
ARCH-577: Theory of Architecture <sup>3</sup>	3	ARCH-560: Advanced Structural Analysis	3
ARCH-57X: Architectural Design Studio <sup>3</sup>	6	ARCH-57X: Architectural Design Studio <sup>3</sup>	6
ARCH-595EQ: Seismic Design of Buildings	3	Elective <sup>4</sup>	4
Total Hours	15	Total Hours	17
FIFTH SEMESTER			
ARCH-501: Architectural Practice <sup>3</sup>	3		
ARCH Core Course <sup>3</sup>	4		
Electives <sup>4</sup>	10		
Total Hours	17		
Total Overall Credits: 82 hours			

1 This is a sample schedule only.

2 Students must obtain approval from their advisor before registering for each semester

3 Core course for the M.Arch degree

4 Recommended elective:

Arch-558: Structural Wood Design (3 hours)

Arch-559: Structural Masonry (3 hours)

Arch-555: Prestressed Concrete Design (3 hours)

Arch-595IN: Integr Des & Constr Bldgs (4 hours)

## Senate Educational Policy Committee Proposal Check Sheet

**PROPOSAL TITLE** (Same as on proposal): Establish a joint degree program between the existing Master of Architecture (M.Arch) and Master of Science in Architectural Studies (MS in AS) degree offered through the School of Architecture.

**PROPOSAL TYPE** (select all that apply below):

A. ☒ Proposal for a NEW or REVISED degree program. Please consult the Programs of Study Catalog for official titles of existing degree programs.

1. Degree program level:

☒ Graduate                      ☐ Professional                      ☐ Undergraduate

2. ☒ Proposal for a new degree (e.g. B.S., M.A. or Ph.D.):

Degree name, "e.g., *Bachelor of Arts or Master of Science*": Joint Degree between the existing Master of Architecture (M.Arch) and Master of Science in Architectural Studies (MS in AS) degree

3. ☐ Proposal for a new or revised **major, concentration, or minor**:

☐ New or ☐ Revised **Major** in (name of existing or proposed major): \_\_\_\_\_

☐ New or ☐ Revised **Concentration** in (name of existing or proposed concentration): \_\_\_\_\_

☐ New or ☐ Revised **Minor** in (name of existing or proposed minor): \_\_\_\_\_

4. ☐ Proposal to rename an existing major, concentration, or minor:

☐ Major                      ☐ Concentration                      ☐ Minor

Current name: \_\_\_\_\_

Proposed new name: \_\_\_\_\_

5. ☐ Proposal to terminate an existing degree, major, concentration, or minor:

☐ Degree                      ☐ Major                      ☐ Concentration                      ☐ Minor

Name of existing degree, major, or concentration: \_\_\_\_\_

6. ☐ Proposal involving a multi-institutional degree:



☐ New                      ☐ Revision                      ☐ Termination

Name of existing Illinois (UIUC) degree: \_\_\_\_\_

Name of non-Illinois partnering institution: \_\_\_\_\_

Location of non-Illinois partnering institution:

☐ State of Illinois      ☐ US State: \_\_\_\_\_      ☐ Foreign country: \_\_\_\_\_

- B. ☐ Proposal to create a new academic unit (college, school, department, program or other academic unit):

Name of proposed new unit: \_\_\_\_\_

- C. ☐ Proposal to rename an existing academic unit (college, school, department, or other academic unit):

Current name of unit: \_\_\_\_\_

Proposed new name of unit: \_\_\_\_\_

- D. ☐ Proposal to reorganize existing units (colleges, schools, departments, or program):

1. ☐ Proposal to change the status of an existing and approved unit (e.g. change from a program to department)

Name of current unit including status: \_\_\_\_\_

2. ☐ Proposal to transfer an existing unit:

Current unit's name and home: \_\_\_\_\_

Proposed new home for the unit: \_\_\_\_\_

3. ☐ Proposal to merge two or more existing units (e.g., merge department A with department B):

Name and college of unit one to be merged: \_\_\_\_\_

Name and college of unit two to be merged: \_\_\_\_\_

Proposed name and college of new (merged) unit: \_\_\_\_\_

4. ☐ Proposal to terminate an existing unit:

Current unit's name and status: \_\_\_\_\_

- E. ☐ Other educational policy proposals (e.g., academic calendar, grading policies, etc.)

Nature of the proposal: \_\_\_\_\_

Revised 10/2012

UNIVERSITY OF ILLINOIS  
AT URBANA-CHAMPAIGN

EP.16.07

Office of the Provost and Vice Chancellor  
for Academic Affairs

Swanlund Administration Building  
601 East John Street  
Champaign, IL 61820



August 5, 2015

Bettina Francis, Chair  
Senate Committee on Educational Policy  
Office of the Senate  
228 English Building, MC-461

Dear Professor Francis:

Enclosed is a copy of a proposal from the College of Fine and Applied Arts and the Graduate College to establish a joint degree program between the existing Master of Architecture and Master of Science in Architectural Studies.

Sincerely,

Kathryn A. Martensen  
Assistant Provost

Enclosures

c: A. Aminmansour  
L. Robbennolt  
J. Hart  
A. McKinney

UNIVERSITY OF ILLINOIS  
AT URBANA-CHAMPAIGN

**Graduate College**

204 Coble Hall  
801 South Wright Street  
Champaign, IL 61820-6210



**RECEIVED**

**MAY 21 2015**

**Office of the Provost**

**Executive Committee**

May 19, 2015

**2014-2015 Members**

Sarah Lubinski, Interim  
Dean & Chair  
Graduate College

Kathy Martensen  
Office of the Provost  
207 Swanlund MC-304

**Members**

Abbas Aminmansour  
Architecture

Dear Kathy,

Enclosed please find the proposal to establish a joint degree program between the existing Master of Architecture (M.Arch) and Master of Science in Architectural Studies (MS in AS) degrees offered through the School of Architecture.

Dilip Chhajed  
Business Administration

The proposal was received by the Graduate College on April 1, 2015. It was reviewed and approved by the Program Subcommittee on April 28, 2015. The proposal was forwarded to the Executive Committee. It was reviewed and approved, with one abstention from the proposal's sponsor, by the Executive Committee on May 12, 2015. The Committee noted that students participating in the joint degree program will meet all requirements of each degree, but will be allowed, as recommended by Graduate College policy, to count 12 hours toward both degrees.

Wojciech Chodzko-Zajko  
Kinesiology & Community  
Health

Susan Cole  
Social Work

John D'Angelo  
Mathematics

I send the proposal to you now for further review.

Nicki Engeseth  
Food Science & Human  
Nutrition

Sincerely,

Susan Fowler  
Special Education

John C. Hart  
Associate Dean  
Graduate College

Marie Heffernan  
Psychology

Paul Hergenrother  
Chemistry

c: A. Aminmansour  
A. McKinney  
A. Mette

Jack Juvik  
Crop Sciences

Samantha Knoll  
Mechanical Science &  
Engineering

John Lambros  
Aerospace Engineering

Glaucio Paulino  
Civil & Environmental  
Engineering

Dana Rabin  
History

Carla Santos  
Recreation, Sport and  
Tourism

Renée Trilling  
English