March 11, 2013

Dr. Ellen Ryan, Chair
University Undergraduate Programs Council
From: John Sandell, Associate Professor
Cc: Dr. Rosalyn Carter, Dean

Re: Changes to Curriculum, School of Architecture
College for Design and Social Inquiry

Summary of Proposed Changes
The summary that follows states the proposed changes for required courses and elective credits for the School of Architecture's Bachelor of Architecture program. This is a first professional, five-year degree program. These changes focus on improving students' cognitive skills through visual work, critical analysis and writing, and theory. Other minor changes to clarify wording in the University Catalogue are also proposed. All catalogue changes have been noted in purple. All Arch Course changes in correspondence to course change requests have been noted in red.

Curriculum Changes
 The first significant change regards the addition of required courses in architectural representation and digital modeling. Each courses responds to current industry graphic needs and strengthens students' communicative abilities.

The second significant change is the introduction of ARC 3091 Research Methods and Analysis in the junior year of the program. (Currently, ARC 5910 Project Research Methods is offered during the thesis year and will be phased out of the core curriculum.) ARC 3091 is a WAC course and is designed to better critical thinking, research, and writing skills earlier on in the program so that students are prepared for fundamental research and analysis work connected to all design studios, and many lecture courses. This change also prompts undergraduate students to be prepared for directed research through programs such as QEPs.

The third change is the move from a three course professional practice series to a two course professional practice series. The content of the "dropped" professional practice course, (ARC 4270), has been integrated into the new course descriptions for the two-course series, (ARC 5271, Professional Practice A, and ARC 5272 Professional Practice B).

The above third change opened a 3-credit window to coordinate a much-needed urban theory course to accommodate and reinforce the course structure for ARC 5328, Advanced Architectural Design 1.   Advanced Architectural Design 1 is the studio design

course that has worked on research and urban design issues through the Broward County Design Collaborative. The mission of the Broward Community Design Collaborative is to build interdisciplinary collaboration to develop smart urban design oriented solutions at multiple scales, with the objective to address the global challenges of climate change, help build healthy communities in south Florida that are walkable, livable, and equitable. This course will help link the scalar relationships of urban design and architecture to past and future urban theories and methods.

All of the above courses are currently included in the University catalogue. The above 5000 level change proposals are being submitted to the Graduate Programs Committee.

As described above, the proposed curriculum changes consist of the following:

Year 3 (Junior Level)		
Architectural ~~Design Techniques~~ Representation	ARC ~~3319~~3133	~~3~~ 2
Architectural Design 5	ARC 3320	4
Materials and Methods of Construction	ARC 3463	3
Pre-Modern Architecture History and Theory	ARC 3710	3
Site Planning and Engineering	ARC 3374	3
Architectural Design 6 **or**	ARC 3321	4 **or**
Vertical Studio	ARC 4322	4
Architectural Structures 2	ARC 3503	3
Environmental Technology 1	ARC 3610	3
~~Electives (3000, 4000 level)~~ Intro to Digital Modeling	ARC 3185C	~~10~~ 3
Research Methods and Analysis	ARC 3091	3
Year 4 (Senior Level)		
Architectural Theory	ARC 4219	3
Architectural Design 7 **or**	ARC 4326	4 **or**
Vertical Studio	ARC 4322	4
~~Professional Practice 1~~	~~ARC 4270~~	~~3~~
Modern Arch. History and Theory	ARC 4712	3
Architectural Design 8 **or**	ARC 4327	4 **or**
Vertical Studio	ARC 4322	4
Environmental Technology 2	ARC 4620	3
Architectural Structures 3	ARC 4504	3
Digital Elective		3
Electives		9

Note: Students may enroll once in ARC 4322, Vertical Studio, as a substitute for one of the following: ARC 3321, ARC 4326 or ARC 4327. Prerequisites and corequisites for each ~~apply.~~ of the above courses must be passed with a "C" grade or better. (See Course Description section for ARC 3321, ARC 4326 and ARC 4327 for further information.)

Year 5 (Thesis Level)		
~~Project Research Methods~~	~~ARC 5910~~	~~3~~
Advanced Architectural Design 1	ARC 5328	6
Note: ARC 5910 and ARC 5328 are taken concurrently.		
Professional Practice ~~1~~ A	ARC 5271	3
Comprehensive Design Project	ARC 5352	6
Professional Practice ~~2~~ B***	ARC 5272	3
Introduction to Urban Design	ARC 6305	3
Electives (3000, 4000, 5000 level)		~~12~~ 15

Approved by:	**Date:**
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