

Institute Graduate Curriculum Committee

Academic Faculty Senate
Tuesday, February 17, 2015
3:00-5:00 PM
Student Center Theatre

Action Items and Minutes

- Presented by:
 - Dr. Victor Breedveld Chair,
IGCC

Action Items

From the January 15, 2015 Meeting

New Course

- **Aerospace Engineering and Mechanical Engineering**
 - AE/ME 6701: Wind Engineering 3-0-3
- **Architecture**
 - ARCH 6531: Environmental Systems I 3-0-3
 - ARCH 6532: Environmental Systems II 3-0-3
- **Scheller College of Business**
 - MGT 6664: Managing Innovation 3-0-3
 - MGT 6725: Information Security Strategies and Policies 3-0-3
 - MGT 6500: Analytical Tools for Decisions 1.5-0-1.5
 - MGT 6501: Operations Management 1.5-0-1.5

Action Items

- Scheller College of Business
 - MGT 6502: Leading People and Organizations 1.5-0-1.5
 - MGT 6503: Managing Information Resources 1.5-0-1.5
 - MGT 6504: Principles of Finance 1.5-0-1.5
 - MGT 6505: Marketing Management 1.5-0-1.5
 - MGT 6506: Managerial Economics 1.5-0-1.5
 - MGT 6508: Strategic Management 3-0-3
 - MGT 6509: Legal and Ethical Business 1.5-0-1.5
 - MGT 6510P: Leadership Assessment Preparation 0-0-0
 - MGT 6510: Leadership Assessment Workshop 1.5-0-1.5

Degree Modification

- College of Architecture
 - Master of Science with a Major in Architecture
 - Change name to: Master of Science in Architecture

Action Items

Degree Modification, MS in Architecture

- We request to change the existing undesignated degree, Master of Science with a Major in Architecture, to the designated degree, Master of Science in Architecture.
- This change accomplishes/provides disciplinary recognition on diplomas and transcripts for graduates, which was not possible with the undesignated degree.
- This change to a designated degree has been requested by both students and faculty to clarify that the degree is in the discipline of Architecture, not a general Master of Science degree.

Action Items

Degree Modification, MS in Architecture

- The three existing concentrations (High Performance Building, Digital Design and Fabrication, and Health and Design) will remain. No additional concentrations are proposed at this time.
- The three concentrations will be modified slightly to conform to a single curriculum structure as follows:
 - Minimum Credit Hours
30 Credits
 - Required Core Courses
18 Credits
 - Required Area Electives
6 Credits
 - Capstone (Studio, Research Project, or Master's Thesis)
6 Credits

Action Items

From the February 5, 2015 Meeting

New Course

- Scheller College of Business
 - MGT 6507: Business Communications 1.5-0-1.5
 - MGT 6726: Privacy, Technology, Policy, and Law 3-0-3
 - Will be cross-listed with CS 6726
- College of Computing
 - CS 6726: Privacy, Technology, Policy, and Law 3-0-3
 - Will be cross-listed with MGT 6726.
- Electrical and Computer Engineering
 - ECE 7056: GT-TU Audit Only 12-0-12
 - This is a place-holder, non-billable course for the GT-Shenzhen students.

Action Items

New Course

- School of Architecture
 - ARCH 6251: Building Structures I 2-3-3
 - ARCH 6252: Building Structures II 2-3-3
 - ARCH 6069: Advanced Architectural Design Studio I 1-15-6
 - ARCH 6070: Advanced Architectural Design Studio II
1-15-6

Course Deactivation

- School of Architecture
 - ARCH 6051: Options Studio I
 - ARCH 6052: Options Studio II
- Scheller College of Business
 - MGT 6773: High-Tech Ventures 3-0-3

Action Items

Degree Modification

- Scheller College of Business
 - Master of Business Administration
 - Modification of the MBA Program to allow more MBA electives to be offered in an earlier timeframe and to provide an opportunity to develop students' soft skills.
 - We are changing the ratio of core to elective classes from 30/24 to 21/33 to allow students to take more electives and to have greater depth in their elective concentrations.

Action Items

Degree Modification, Master of Business Administration

- Total credit hours for the modified curriculum will not be changed and will remain at 54.
- The new curriculum reduces most MBA core courses to 1.5 hours. The majority of core classes will be taken during the students' first semester, allowing them earlier exposure to the functional areas of business. Pushing the majority of core to the first semester allows students to take electives earlier to support their search for summer internships or career moves.
- All 1.5 hour courses are taught for three hours per week for 7 1/2 weeks.

Action Items

Degree Modification

- College of Computing
 - Master of Science in Computer Science
 - Reduce the total number of credit hours required for the MSCS degree from 36 to 30.
 - Each concentration will now include at least 15 credit hours of Core and Elective classes. This is an increase from the current minimum of 12 credit hours and is intended to ensure greater depth in each concentration.
 - The five concentrations in which most courses are taught by faculty in the School of Computer Science — Architecture, Databases and Software Engineering, Information Security, Networking, and Systems — be dropped and be replaced by a specialization in Computing Systems.

Action Items

Degree Modification

- School of Architecture
 - Master of Architecture
 - Rename two Professional Studio courses, no content change
 - Consolidate the current 3 course Structures sequence into 2 Graduate level courses
 - Eliminate Practice of Architecture II (Arch 6316) as a required course in the Master of Architecture curriculum and replace it with a menu of practice-focused electives requiring the student to choose one 3 hour practice focused elective to complete the sequence.

Action Items

Degree Modification, Master of Architecture

- This change will allow more flexibility of choice for the student, dependent upon his/her career goals, and will ensure that the topics remain relevant to the profession.
- These changes will result in a reduction in required hours in the degree program from the current 108 to 102, while although still high, this hour load requirement puts our program more in line with our peer institutions.

Action Items

Administrative Item – Formation of RCR Subcommittee

RCR Committee roster, Spring 2015

Name	Program	Joined	
Barker, Shannon	CoE (BME)	Fall 2014	
Black, Robert	CoS (EAS)	2011	
Butera, Robert	CoE (BME)	2011	Chair
Church, Bryan	CoB	Fall 2012	
Donnell, Jeffrey	CoE (ME)	Fall 2014	
Fahrni, Christoph	CoS (CHEM)	Fall 2014	
Foley, James	CoC/IGCC	Fall 2012	
Leigh, Nancey	CoA	Fall 2013	
Milam, Valeria	CoE (MSE)	2011	
		Spring	
Neitzel, Paul	CoE/IGCC (ME)	2015	
Nitsche, Michael	IAC	Fall 2012	
Winders, William	IAC	Fall 2014	
		Spring	
Bamburowski, David	VPGEFA (ex officio)	2015	
Powell, Michelle	OSP (ex officio)	2011	
	PUBP/VPGEFA (ex	2011	
Borenstein, Jason	officio)		
Willis, Judy	VPGEFA/OSP (ex officio)	2011	Scribe

Action Items and Minutes

- Move to approve all action items.
- Move to approve Minutes from:
 - January 15, 2015
 - February 5, 2015