

Georgia Institute of Technology
Graduate Curriculum Committee
Minutes
January 15, 2015

Present: Breedveld (ChBE), Cozzens (Vice Provost), Jagoda (AE), Pikowsky (Registrar), Koh (Student Representative), Flowers (ARCH), Ayhan (ISyE), Dickson (CHEM), Ashuri (BC), Ceccagnoli (CoB), Foley (IC), Macrakis (HTS), Schmidt-Krey (BIOL), Sluss (CoB)

Visitors: Laros (Registrar), Hodges (Registrar), Bamburowski (Grad. Studies), Sankar (AE), Tucker (ARCH), Gentry (ARCH), Brown (ARCH), Dagenhart (ARCH), Scott (CoB), Singhal (CoB)

Note: All action items in these minutes require approval by the Academic Senate. In some instances, items may require further approval by the Board of Regents or the University System of Georgia. If the Regents' approval is required, the change is not official until notification is received from the Board to that effect. Academic units should take no action on these items until USG and/or BOR approval is secured. In addition, units should take no action on any of the items below until these minutes have been approved by the Academic Senate or the Executive Board.

Academic Matters

1. The School of Literature, Media, and Communication presented an informational item related to the renaming of the BSSTC degree in May 2012 to BSLMC:

When the School of Literature, Media, and Communication converted the BSSTC program to BSLMC, that change was also meant to apply to the 5-year BSSTC/MSDM degree, so that it would become the 5-year BSLMC/MSDM program. This was not formally called out in the original documents pertaining to the degree modification, but was implied by it.

The registrar has already begun to address this matter by changing all references in the catalog from BSSTC/MCDM to BSLMC/MSDM, as can be seen at <http://catalog.gatech.edu/colleges/cola/lmc/ugrad/bslmc/geninfo.php>

2. A motion was made to *approve* a request from the School of Aerospace Engineering and the School of Mechanical Engineering for new cross-listed courses. The motion was seconded and approved.

New Course - Approved

AE 6701: Wind Engineering 3-0-3

New Course - Approved

ME 6701: Wind Engineering 3-0-3

Note: The NCP forms, item 14 (Purpose of Course), had an incorrect description and a corrected one has been loaded to the GCC website for both proposals.

3. A motion was made to *approve* a request from the School of Architecture for new courses and a degree modification. The motion was seconded and approved.

New Courses – Approved

ARCH 6531: Environmental Systems I	3-0-3
ARCH 6532: Environmental Systems II	3-0-3

Degree Modification - Approved

Master of Science with a Major in Architecture (Current Name)

Master of Science in Architecture (Proposed Name)

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.

- 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

Digital Design and Fabrication Concentration

Required Core Courses

ARCH 6502 Design Scripting
ARCH 6505 Geometric Constructs
ARCH 6506 Materials/Fabrications
ARCH 6508 Shape Grammars
ARCH 6501 Analog/Digital Design Computation
ARCH 6507 Parametric Design

Area Elective Courses – Faculty Guided

6 hours of Elective Coursework (Recommended Elective - ARCH 6503 BIM Applications)

Capstone

Studio Option - Students may take an appropriate 6 credit hour Design + Research Studio (ARCH 6071, ARCH 6072)

Course Option - ARCH 6504, Fabrication Workshop- 6 Credit Hours

Thesis Option – ARCH 7000 Thesis Hours

High Performance Building Concentration

Required Core Courses

ARCH 6226 Green Construction

ARCH 6242 Building Physics Modeling

ARCH 4231 Environmental Systems II- New Course # for Grad
will be ARCH 6532

ARCH 6209 Building Enclosure

ARCH 6731 Zero Energy House

ARCH 6241 Building Simulation in Design Practice

Area Elective Courses – Faculty Guided

6 Hours of Elective Coursework (Recommended Elective - COA 8676 Design and Engineering Databases)

Capstone

Capstone Studio Option - Students may take an appropriate 6 credit hour Design + Research Studio (ARCH 6071, ARCH 6072)

Capstone Course Option - ARCH 8833-Special Topics in Architectural Technology - Ind. Study guided by faculty- 6 Hours

Capstone Thesis Option – ARCH 7000 Thesis hours

Health & Design Concentration

Required Core Courses

ARCH 6271 Healthcare Design of the Future

ARCH 8843 Universal Design

ARCH 8803 Advanced Planning Methods

COA 8630 Architecture, Space and Culture

ARCH 6243 Evidence Based Design

ARCH 6268 Advanced Architecture and Behavior

Area Elective Courses – Faculty Guided

6 Hours of Elective Coursework

Capstone

Studio Option - Students may take an appropriate 6 credit hour Design + Research Studio (ARCH 6071, ARCH 6072)

Course Option - ARCH 8833-Special Topics in Health and Design - Ind. Study guided by faculty- 6 Hours

Thesis Option – ARCH 7000 Thesis Hours

4. A motion was made to *table* a request from the College of Computing for a new cross-listed course. The motion was seconded and approved.

New Course – Tabled

CS 6726: Privacy, Technology, Policy, and Law 3-0-3

Note: This course is to be cross-listed with MGT 6726.

5. A motion was made to *approve* a request from the College of Business for new courses. The motion was seconded and approved.

New Courses – Approved

MGT 6664: Managing Innovation 3-0-3

MGT 6725: Information Security Strategies and Policies 3-0-3

Note: Cross-listed with CS 6725. Original NCP needs to be checked to compare information.

MGT 6500: Analytical Tools for Decisions 1.5-0-1.5

Note: Correct title in #4 on NCP to reflect “Analytic” as correct spelling.

MGT 6501: Operations Management 1.5-0-1.5

MGT 6502: Leading People and Organizations 1.5-0-1.5

Note: The old number is listed on page 3 of syllabus. This needs to be corrected.

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

Note: The course number on the syllabus needs to be fixed. Needs a revised syllabus.

MGT 6508: Strategic Management 3-0-3

Note: Spell out “management” on the NCP for the transcript title.

MGT 6509: Legal and Ethical Business 1.5-0-1.5

Note: Dr. Cozzens will look more closely at this one to determine interest that might exist to cross-list with other units.

MGT 6510P: Leadership Assessment Preparation 0-0-0

MGT 6510: Leadership Assessment Workshop 1.5-0-1.5

Note: List this on the NCP as an “Elective.”

Note: All these courses are approved at catalog level as letter grade, pass/fail, and audit.

6. A motion was made to *table* a request from the College of Business for new courses and for a degree modification. The motion was seconded and approved.

New Course – Tabled

MGT 6726: Privacy, Technology, Policy and Law 3-0-3

Note: This course is to be cross-listed with CS 6726. A revised syllabus is needed.

MGT 6507: Business Communications 1.5-0-1.5

Note: Clarification is needed on Probable Instructors. Grade mode to remain pass/fail for this course. Associate Dean will be added to list of probably instructors. Check syllabus to correct course number.

Degree Modification – Tabled

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.

- 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.

Note: The degree modification was tabled since MGT 6507 is needed for the degree and that required course was tabled.

The Committee asked the Scheller College to come back with more information and corrections made on the course NCP and syllabi as indicated above.

The Committee will not need another complete review of the proposal, which it feels is very well thought-out, and will vote on the courses as corrected, then on the degree modification.

7. David Bamburowski, Director of Graduate Studies, asked the Committee to consider a cooperative agreement with Ecole Nationale Supérieure D'Arts ET Metiers (France) and GT Lorraine.

Adjourned,

Reta Pikowsky
Registrar