

**Georgia Institute of Technology**  
**Graduate Curriculum Committee**  
**Minutes**  
**March 10, 2011**

**Present:** Babensee (BME), Pikowsky (Registrar), Storici (BIO), Clarke (CoM), Mazalek (LCC), Corso (PSYC), Ferri (ECE), Rosen (ME), Potts (Grad Studies), Butera (ECE), Chordia (CoA), Flowers (ARCH), Goldsman (ISYE), Sanders (MSE), Silva (ECON), Neitzel (ME)

**Visitors:** Laros (Registrar), Howson (Registrar), Simon (Registrar), Paraska (VPFAD), Bucknall (MSE), Scott (MGT), Hicks (PUBP), Narasimhan (MGT), Tone (HTS), Castro (BC), Borenstein (PUBP), Will (CEE), Peponis (CoA), Budd (ID), Harrell (CoS)

**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.

1. A motion was made to approve a request by the College of Management for blanket approval to allow students that are currently enrolled in the 39-Hour MBA program to graduate within the requirements under which they were admitted and for any of those that were accepted by March 15, 2011 to be allowed to graduate under the requirements as stated at the point of admission. The motion was seconded and approved.

The College of Management will discontinue this degree option for the MBA program and will admit no further students to it after March 2011.

2. A motion was made to approve a request by the Office of Research Compliance for a Degree Modification for all Research-based Graduate Programs. The motion was seconded and approved.

Note: The motion to approve included a slight change in wording as indicated in the first paragraph of the policy.

**Degree Modification:**

*Proposal.* Effective for students enrolling in Fall 2011, all incoming PhD students will be required to complete Responsible Conduct in Research (RCR) training. Starting in Fall 2012, all incoming research-based MS students (those with a thesis, practicum, or significant project component) will be required to complete RCR training. This required training consists of completion of an online course within 90 days of enrollment and a minimum of 8 hours of in-person training **preferably (word preferably added by vote of the GCC)** by the end of the first 12 months of graduate study.

*Implementation.* The two main components of the plan are: a CITI RCR online course and in-person training. It is expected that most in-person training will be satisfied through PST/PHIL 8000, an intensive 2-day course, at the start of the Summer Semester. For graduate students who are not on campus in the summer, other sections will be offered during the academic year. An announcement calling for faculty to instruct these 2-day courses will be made later this semester. Graduate programs are also encouraged to seek approval from the Institute to develop their own in-house RCR courses.

A plan is under development, to be funded by the Executive Vice President for Research that will fund a sufficient number of sections of PST 8000 in Spring 2012 and Summer 2012 to meet the teaching loads of this requirement, as well as provide stipends for faculty to be trained and ultimately teach PST 8000. The long-term goal of such stipends is for faculty to facilitate the adoption of such material for the development of in-house programs. A process will be also put in place for non-research-based MS degrees to request exemption from this requirement.

Dr. Jason Borenstein, Director of Graduate Research Ethics Programs, in collaboration with Dr. Robert Butera, a Professor in the School of Electrical and Computer Engineering, will be leading these efforts. They will implement this plan as well as coordinate with OSP, the Registrar, and Graduate Office on compliance issues. This proposal does not affect undergraduates and postdocs, who are still subject to grant compliance requirements.

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

**New Courses:**

ARCH 6160: Race and Space	3-0-3
ARCH 8100: Introduction to Architectural Research 1	3-0-3
ARCH 8101: Introduction to Architectural Research 2	3-0-3

4. A motion was made to approve a request by the School of Industrial Design for a new course. There was discussion concerning a proposed new undergraduate course ID 4210, *Introduction to Universal Design*. The motion was seconded and approved, with the decision to add the proposed ID 4210 course as an equivalent, pending approval of the Institute Undergraduate Curriculum Committee.

**New Course:**

ID 6800: Adv Universal Design	3-0-3
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5. A motion was made to approve a request by the School of History, Technology, and Society for a new course.

**New Course:**

HTS 6122: History of Medicine	3-0-3
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The Committee made reference to the undergraduate equivalent, HTS 3087, *History of Medicine*. The motion was seconded and approved with the addition of HTS 3087 listed as an equivalent course.

6. A motion was made to approve a request by the School of Civil and Environmental Engineering for a new course. The motion was seconded and approved.

**New Course:**

CEE 6460: Theoretical Geomechanics 3-0-3

7. A motion was made to approve a request by the School of Materials Science and Engineering for new courses. The motion was seconded and approved.

**New Courses:**

MSE 6407: Biological Properties of Materials\* 3-0-3

MSE 6500: Thermodynamics of Materials 2-0-2

MSE 6501: Phase Equilibria 1-0-1

MSE 6502: Thermo Analysis 1-0-1

MSE 6600: Advanced Polymer Processing 3-0-3

MSE 6601: Carbon Nanotubes, Graphene, and Nanocomposites 3-0-3

MSE 6602: Tensor Analysis and Mathematical  
Techniques for Materials 3-0-3

MSE 6603: Natural Polymers 3-0-3

\*There was discussion of the title of this course. The course was approved with the condition that the title be expanded to include reference to “materials”. The School of Materials Science and Engineering will work with the Registrar’s Office to revise the title.

These courses were also discussed in regard to how they fit into the PhD program. MSE 6407, MSE 6601, and MSE 6603 are not required and will be used as electives. The other courses meet core requirements in the proposed changes to the PhD program. Those changes will be submitted for approval at the next meeting or as soon thereafter as possible.

8. A motion was made to approve a request by the School of Building Construction for new courses and a new degree. The motion for the new courses was seconded and approved. The motion for the new degree was tabled for additional information.

Additional information was sent via email to the Committee. After further email exchanges and more questions being raised in the process, it was determined that the request for the new degree needed more discussion at the next meeting and that more information would likely be needed for a decision to be forthcoming.

**New Courses:**

BC 8100: Research Methodology in Building Construction 3-0-3

BC 9000: Doctoral Thesis 3-0-3

## **Student Petitions**

1. A motion was made to deny a petition requesting exception to the number of hours that can be double-counted and the GPA requirement for admission to the BS-MS program. The motion was seconded and approved.

2. A motion was made to approve Petition Subcommittee recommendations on petitions in the following areas. The motion was seconded and approved.

1- Change registration section of PHYS9000 from SCH to RT

3- Term withdrawal from the Fall 2010 semester

1- Change registration from BMED8998 to BMED8901

1- Change grade mode for AE6511 from letter grade to pass-fail (**1 Denied**)

The following petitions were handles administratively since the February 10 meeting. All were approved.

9- Update status to degree-seeking

1- Waiver of the six-year rule

1- Use MSE9000 as MSE7000 to meet MS thesis requirement

2- Change grade mode from pass-fail to letter grade for Spring 2011 courses

Adjourned,

Reta Pikowsky  
Registrar