

Georgia Institute of Technology
Graduate Curriculum Committee
Minutes
January 14, 2010

Present: Babensee (BME), Pikowsky (Registrar), Butera (ECE), Corso (PSY), Ferri (ECE), Smith (AE), Potts (Grad Studies), Clarke (COM), Flowers (ARCH), Silva (ECON), Sanders (MSE), Peponis (ARCH), Goldsman (ISYE), Rosen (ME), Moore (Grad Student - CHBE), Storici (BIOL)

Visitors: Redding (Registrar), Laros (Registrar), Howson (Registrar), Senft (Registrar), Krige (HTS), Bowen (HTS), Paraska (Provost), Frankel (EAS), Merrill (BIOL)

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. A motion was made to approve a request from the School of Earth and Atmospheric Sciences for new courses. The motion was seconded and approved.

New Courses:

EAS 6313: Tectonics, Climate and Landscape Design 3-0-3

EAS 6331: Physical Volcanology 3-0-3

EAS 6360: Space Physics and Space Instrumentation 3-0-3

EAS 6313 and 6331 were proposed as 6310 and 6330, but new numbers have been assigned since those numbers were not available. These above courses will be jointly listed with corresponding undergraduate numbers of EAS 4313, 4331, 4360.

The catalog level grade modes for all of the above EAS courses will be letter/grade, pass/fail, and audit.

New undergraduate courses have been created to be jointly listed with the following graduate level courses:

EAS 6312 (new undergrad course 4312)

EAS 6314 (new undergrad course 4314)

2. A motion was made to table a request from the School of Public Policy for a new course and to deactivate a course. The motion was seconded and approved.

Tabled

New Course:

PUBP 6327: Sustainability and Environmental Policy 3-0-3

Deactivate:

PUBP 6320

3. A motion was made to approve a request from the School of History, Technology, and Science for new courses, deactivations of courses, and a degree modification. The motion was seconded and approved.

New Courses:

HTS 6120: Inequality, Science and Technology 3-0-3

HTS 6119: Race and Ethnicity 3-0-3

HTS 6118: Science, Technology and the Economy 3-0-3

HTS 6117: Urbanization 3-0-3

HTS 6116: The Environment in World History 3-0-3

HTS 6115: Sociology of Science and Technology 3-0-3

HTS 6114: Topics in the History of Science 3-0-3

HTS 6113: Development Science and Technology 3-0-3

HTS 6104: Global History 3-0-3

The catalog level grade modes for all of the above EAS courses will be letter/grade, pass/fail, and audit.

Deactivate:

HTS 6109

HTS 6108

HTS 6107

HTS 6105

Degree Modification:

Master of Science in History and Sociology of Technology and Science

The basic curriculum of 30 hours consists of 18 hours of required fundamental courses, plus 12 hours of electives for those who do not wish to proceed to the PhD, or plus 6 hours of electives and 6 hours of special problems (research paper) for those who wish to proceed to the PhD.

The curriculum has been changed to establish two tracks, a History Track and a Sociology Track. The specific changes to the curriculum are outlined below:

History Track –Curriculum

Mandatory Courses

- HTS 6001 Social Theory
- HTS 6002 History of Technology
- HTS 6101/6102/6103 Social and Political History of the U.S./ Europe/non-Western World
- HTS 6104 Topics in Global History
- HTS 7001 Foundations of Socio-Historical Analysis
- HTS 8002 Social and Cultural Perspectives on Science and Technology

Electives

- HTS 6106 Business Organizations and Comparative Development
- HTS 6111 Technology and Modern Culture
- HTS 6112 Studies in Science and Engineering
- HTS 6114 Topics in the History of Science
- HTS 6116 The Environment in World History
- HTS 6117 Urbanization
- HTS 6119 Race and Ethnicity

Notes

- Students who have taken one of HTS 6101, HTS 6102, or HTS 6103 to satisfy their mandatory course requirements may take one or both of the other courses, if they are offered, as an elective.
- As this is a multidisciplinary degree, students in the history track can take electives from the sociology track, with the agreement of their advisor.
- Students who wish to proceed to the PhD must take at least one, and no more than two Special Topics course (HTS 8xxx). This is a Writing Seminar that produces a research paper.

Sociology Track-Curriculum

Mandatory Courses

- HTS 6001 Social Theory
- HTS 6002 History of Technology
- HTS 6115 Sociology of Science and Technology
- HTS 7001 Foundations of Socio-Historical Analysis
- HTS 8002 Social and Cultural Perspectives on Science and Technology
- Advanced Sociological Methods
This course is chosen from a wide variety of courses available in other programs on campus and at Georgia State University, in consultation with their advisor.

Electives

- HTS 6110 Gender, Science and Technology
- HTS 6113 Development, Science and Technology

- HTS 6118 Science, Technology and the Economy
- HTS 6120 Inequality, Science and Technology

Notes

- Students may be required to take a second course in Advanced Sociological Methods if required to do so by their advisor.
 - As this is a multidisciplinary degree students in the sociology track can take electives from the history track, with the agreement of their advisor.
 - Students who wish to proceed to the PhD must take at least one, and no more than two Special Topics course (HTS 8xxx). This is a Writing Seminar that produces a research paper.
4. A motion was made to approve with conditions a request from the School of Biology for a new course. The motion was seconded and approved.

New Course:

BIOL 7015: Cancer Biology and Technology 2-3-3

- The structure of the proposed course needs to be changed from the proposed 3-0-3 to reflect the lab component of this course; therefore, the structure is 2-3-3.
- The ISYE cross-listed version of this course needs to be submitted and given a number to be able to track this cross-listing
- The Undergraduate Jointly listed version of this course needs to have the same structure of 2-3-3 and this will be referred to the School of Biology to present to the IUCC.

Follow-up:

Following the meeting the Registrar discussed the related issues with the School of Biology. In that discussion, the proposed structure of the course was clarified. Revised new course proposal forms will be submitted for both BIOL 7015 and 4015. The ISyE version of the course remains under discussion and will be dealt with at a future meeting.

5. Discussion of College of Management pass/fail hours.

College of Management leadership was present at the meeting to discuss the excess pass/fail hours that resulted in blanket petitions for Fall and Spring graduation. The root of the problem was determined to be a misunderstanding of the existing policy related to the limit on pass/fail hours.

In addition, some courses were offered pass/fail without any monitoring to determine how that would impact the existing limitation on pass/fail hours. As of Spring 2010, these problems have been resolved.

Should the College of Management wish to exceed the limit on pass/fail hours for any of its programs, the proper request will be submitted to the GCC.

Student Petitions

1. A motion as made to approve the Petitions Subcommittee recommendations on petitions in the following areas. The motion was seconded and approved.

All Petitions approved except where noted.

- 1 Waiver of course to meet degree requirements
- 1 Waiver of 3.0 GPA requirement
- 5 Change grade mode (2 Denied)
- 5 Selective withdrawals (4 Denied)
- 1 Waiver of two terms of full- time enrollment rule
- 26 Be allowed to complete program under advertised curriculum
- 46 Use excess pass/fail hours toward degree
- 1 Term withdrawal
- 1 Transfer for one term
- 1 Substitute Management Elective
- 1 Count special status courses toward degree (1 Denied)
- 1 Request 4-hour overload
- 1 Permission for cross-registration
- 96 Exception to three-hour pass/fail rule

Adjourned,

Reta Pikowsky
Registrar