

**Institute Undergraduate Curriculum Committee**  
**Minutes Full Committee (Academic Matters)**  
**04 October 2006**

**Present:** Williams (ECE), Weinberg (ARCH), Ferri (ME), Snell (BIOL), Jarrett (ARCH), Guzdial (CoC), Seitzman (AE), Bottomley (CHEM), Wong (MGT), Webster (CEE), Schatz (PHYS), Benkeser (BMED), Pikowsky (REGISTRAR), Parsons (MGT), Riley (ECE), Giebelhaus (HTS)

**Visitors:** Bradd (REGISTRAR), Carson (REGISTRAR), Loss (MATH), Steinbart (MATH), Pilsch (CoC), Girardot (CETL), Cochran (INTA), Carter (MSE), Ragsdale (AROTC)

- 1) There were no administrative items for discussion or action.
- 2) Two students appeared before the Committee to appeal denials of previous petitions.
  - A motion was made to deny the appeal for readmission. The motion was seconded and approved.
  - A motion was made to approve the appeal for cancellation of registration for Spring 2006. The motion was seconded and approved.
- 3) Several potential issues with the European Union Studies Certificate were raised. It was determined that a discussion at this point would be premature. The INTA representative will meet with the Registrar to discuss the issues raised and determine when it might be appropriate or advisable to put this item back on the agenda.
- 4) A motion was made to approve a request from the College of Computing for changes to CS classes, to the BS in Computer Science degree, and in conjunction with the faculty of the School of Literature, Communication, and Culture, to the BS in Computational Media degree. The motion was seconded and approved.

**PRE-REQUISITE CHANGES**

- CS 1316 requires either CS 1301, CS 1315, or CS 1371
- CS 2200 requires either CS 2110 or C S2261
- CS 2340 requires CS 1331, or CS 1372, or CS 1316
- CS 2600 requires CS 1301, or CS 1315, or CS 1371
- CS 3240 requires CS 2340
- CS 3510 requires CS 1050 and CS 1331 and MATH 3012
- CS 4392 requires CS 3240
- CS 4455 requires CS 3451
- CS 4470 requires CS 2340 and either CS 3750 or PSYC 3750
- CS 4480 requires CS 3451
- CS 4495 requires MATH 2605 and (CS 2110 or CS 2261)
- CS 4510 requires CS 1050 and CS 1331 and MATH 3012
- CS 4611 requires CS 3600

- CS 4612 requires CS 3600
- CS 4911 requires CS 2340

### **NEW COURSES - APPROVED**

CS 1372 Structured Program Design for Engineers	3-0-3
CS 2261 Media Device Architectures	3-3-4
CS 4613 Knowledge Systems Engineering	3-0-3
CS 4675 Internet Computing Systems, Services, and Applications	3-0-3

### **NEW COURSES – TABLED**

CS 2696 Undergraduate Teaching Assistantship	1-6
CS 2697 Undergraduate Teaching Assistantship	1-6
CS 4696 Undergraduate Teaching Assistantship	1-6
CS 4697 Undergraduate Teaching Assistantship	1-6

### **DEACTIVATING COURSES**

- CS2130, CS2260, CS3351, CS3352, CS3353, CS3500, CS3902, CS3903, CS3912, CS3913, CS4451, CS4610, and CS4750.

### **COURSE EQUIVALENCY CHANGES**

- To meet the demands of programs like PSYC and ECE that wish their students to take CS1371 and CS1301, allow students to take CS1301, CS1315, and CS1371 (i.e., *not* consider them equivalent) *until* a student takes CS1316, CS1372, or CS1331. In other words, students may take multiple introductory courses (to improve understand, to gain additional perspectives), until they take a second course.
- CS2261 and CS2110 are to be considered equivalent.

### **JOINING DEGREE DESIGNATOR PROGRAMS**

- BS in Computer Science to offer the Research Plan and the International Plan.  
Note: Pending approval of the International Plan Committee and URAG.
  - All 28 thread combinations can accommodate the Research Plan within 126 hours.
  - However, only 6 thread combinations can accommodate the International Plan within the 126 credit hour limits for the BSCS.
  - All 8 semester plans for all 28 combinations under the International Plan will be provided to the Registrar electronically.
  - The thread combinations that fit within the 126 credit hour limit are considered valid and will be listed on the Registrar's website *and* that students who complete the International Plan requirements in other combinations *and go beyond the 126 credit hours* still be granted the International Plan designator.

## CHANGES IN DEGREE REQUIREMENTS

- All CS majors required to take CS1100 *Freshman LEAP* in their first Fall semester at Georgia Tech. Free elective hours decreased by one. All transfers and major changes must take it as well.
  - For the BSCS: CS4672 added to the list of electives for the Information Internetworking thread (and all its eight combinations).
  - For the BSCS: CS2340 required in the Information Internetworking thread (and all its 8 combinations), with a reduction in free elective hours by three.
  - For the BSCS: CS2261 required in the People and Media threads (and their 15 combinations), and CS2260 no longer required, with a reduction in free elective hours by one.
  - For the BSCS: CS4613 added as an elective to the Intelligence and Embodiment threads (and their 15 combinations).
  - The BS in Computational Media's course requirements changed in the following ways to respond to the changes due to Threads:
    - Remove the requirement of CS1321 (as a choice between CS1315, CS1371, and CS1321) and of CS1322.
    - Instead of CS1321, students in the BS in Computational Media program must take one of CS1301, CS1315, or CS1371.
    - Instead of CS1322, students will be required to take CS1331. (Computational Media majors do not have to take CS1332.)
    - The requirement of CS2335 is removed, increasing by three the number of free credit hours.
    - The computer science elective hours for Computational Media shall be any CS class from Media or People thread, or any 3000- or 4000-level CS course approved by an advisor.
  - The BS in Computational Media will now require CS2261, instead of CS2260, with a reduction in free elective hours by one.
- 5) A request from the School of Chemical and Biomolecular Engineering for new courses was tabled at the School's request.

### NEW COURSES – TABLED

ChBE 4220 Statistical Methods in Chemical Engineering	1-3-2
ChBE 4230 London Seminar in Chemical & Biomolecular Engineering	2-0-2
ChBE 4240 London Seminar on the Chemical Process Industries	1-3-2

- 6) A motion was made to approve a request from the Sam Nunn School of International Affairs requests approval of a new course. The motion was seconded and approved.

### NEW COURSE

INTA 3020 Contemporary Mexico	3-0-3
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7) A motion was made to approve a request from the School of Economics and the School of International Affairs for new degree requirements for the Bachelor of Science in Economics and International Affairs. The motion was seconded and approved. Approval was conditional upon the Registrar confirming that the replacement courses had already been approved. Note: The Registrar did confirm that courses were approved.

- Replace INTA 4400 with INTA/ECON 4740 and ECON 4910 with INTA /ECON 4741

8) A motion was made to approve a request from the School of Public Policy for changes to the Pre-Law minor and Certificate. The motion was seconded and approved.

- Allow students to use the newly approved PUBP 4803 Special Topic: OLA Internship toward the LS&T Minor and Pre-Law Certificate

9) A motion was made to approve a request from the ARMY ROTC/Military Science for approval of new courses and deactivation of all current courses. The motion was seconded and approved.

### **NEW COURSES**

MSL 1001 Leadership and Personal development	2-3-3
MSL 1002 Introduction to Tactical Leadership	2-3-3
MSL 2001 Innovative Team Leadership	2-3-3
MSL 2002 Foundations of Tactical Leadership	2-3-3
MSL 3001 Adaptive Tactical Leadership	3-3-4
MSL 3002 Leadership in Changing Environments	3-3-4
MSL 4001 Developing Adaptive Leaders	3-3-4
MSL 4002 Leadership in a Complex World	3-3-4
MSL 4801 Special Topics	1-5
MSL 4901 Special Problems	1-21

10) A motion was made to approve a request from the School of Mathematics to offer the Research Option for its Bachelor's Degrees in Applied Mathematics and Discrete Mathematics. The motion was seconded and approved.

11) A motion was made to approve a request from the School of Materials Science and Engineering for two new courses and curriculum changes. The motion was seconded and approved.

### **NEW COURSES**

MSE 3021 Materials Laboratory I	1-3-2
MSE 4022 Materials Laboratory II	1-3-2

### **CURRICULUM CHANGES**

- Replace MSE 3020 (Materials Laboratory) with MSE 3021 and MSE 4022 as required courses for the BS MSE degree effective Fall 2007

- Increase the number of hours required for the BS MSE degree from 127 to 128 effective Fall 2007. Note: Pending Board of Regents approval.

12) A motion was made to approve a request from the School of Materials Science and Engineering for changes in the undergraduate curriculum. The motion was seconded and approved.

- To require a grade of “C” or higher in all math, science, and engineering courses required by name and number.

13) A request from CETL for UGTA tracking courses was tabled.

Adjourned,

Reta Pikowsky  
Registrar