



Therefore, the following degree modification is a matter of clarified language, not an actual degree change.

**DEGREE MODIFICATION:** Bachelor of Science in Public Policy

Update of catalog text

The current catalog states: *A C or better is required in all BS PP core courses.*

The text will be modified in the next catalog to clarify further and will read: *For all core courses in the BSPP major (those required by specific number and name), a grade of ‘C’ or higher is required for that course to fulfill prerequisite requirements in the degree curriculum, and for the course to count toward the degree requirements.*

3. A motion was made to approve a request from the School of Mechanical Engineering for new courses, prerequisite changes, DegreeWorks substitutions, and a course deactivation. The motion was seconded and approved and no objections or concerns were recorded for the prerequisite changes.

**NEW COURSES:**

ME 4701: Wind Engineering	3-0-3
ME 4790: Materials Selection and Design	3-0-3

ME 4701 will be coded as equivalent to and cross-listed with AE 4701. This course will be listed at catalog level as L/G, P/F, and Audit and the School can restrict the course at the schedule level as needed.

ME 4790 will be listed at catalog level as L/G only and will be coded as equivalent to and cross-listed with MSE 4790.

**PREREQUISITE MODIFICATIONS:**

The School of Mechanical Engineering Faculty recently approved changing the pre-requisite requirements for ME3057 *Experimental Methodology* and ME4053 *Mechanical Engineering Systems Laboratory*. The change will allow ME students more flexibility in completing the requirements for the BSME degree.

ME 3057: Change pre-requisite requirement of ME3015 *System Dynamics and Control* to “Pre-requisite with Concurrency.” With this change, the complete list of pre-requisites for ME3057 will be:  
Prerequisites: COE 3001, ME 3340  
Prerequisites with Concurrency: ME 3015, ME 3345, and MATH/ISYE 3770

ME 4053: Add ME3015 as a pre-requisite. The complete list of pre-requisites for ME 4053 will be: ME 3015, ME 3057, ME 3345, MATH/ISYE 3770.

## **CURRICULUM SUBSTITUTIONS:**

### Bachelor of Science in Mechanical Engineering

The GWW School of Mechanical Engineering has been using several standard substitutions of courses for students who transfer into ME. With the recent switch to Degree Works, these substitutions must be entered manually for each transfer student. Thus, we are bringing these substitutions to the IUCC as an information item so that we can add them to DegreeWorks without having these exceptions published in the catalog. In addition to lessening workload, the change will also help transfer students gain a better understanding of their progress towards graduation. Also, students who plan to take a course at another school and transfer the course into GT can enter the course directly into DegreeWorks and find out how the class can be used. All changes listed below were approved by the GWW Faculty.

#### **BSME Requested Substitutions:**

##### Chemistry

- Accept CHEM 1211K (4 hours) as a substitute for CHEM 1310
- Accept CHEM 1212K (4 hours) as a substitute for the science elective.

##### Science Elective

- Accept EAS 1XXX (4 hours) as a substitute for the science elective.
- Accept BIOL 1XXX (4 hours) as a substitute for the science elective.
- Accept CHEM 1XXX (4 hours) as a substitute for the science elective.

##### Other Exceptions

- Accept CHEM 12X1 (4 hours) as a substitute for CHEM 1310. CHEM 12X1 is the old version of CHEM 1211K (4 hours) but many students still come in with this transfer class.
- Make ME electives 3000 level and above, excluding ME 3141, 3720, 3743, 3744, 4741, 4742 and 4753. (ME 3141, 3743, 3744, 4741 and 4742 are Engineering and Management minor classes. ME 3720 is thermo, fluids and heat transfer for non-ME/NRE students. ME 4753 is a class taught at GE and for GE students only.)
- Accept CS 1301, CS 15XX, CS 1311, CS 1321 and CS 13X1 and CS 13X2 (3 hours each) plus CS 1171 (1 hour pass/fail) as a substitute for CS 1371.
- Accept ECE 2040 (3 hours) as a substitute for ECE 3710 (2 hours).
- Accept ECE 3041 (3 hours) as a substitute for ECE 3741 (1 hour).
- Accept AE 2220 (3 hours) as a substitute for ME 2202 (3 hours)

#### **DEACTIVATE COURSE:** ME 4213: Materials Selection and Failure Analysis

Deactivate effective Spring 2012 since Fall 2011 already has students registered for the class. The new ME/MSE 4790 will be coded equivalent to ME 4213.

4. A motion was made to approve a request from the Aerospace Engineering to cross list a course with a new ME course. The motion was seconded and approved.

**Cross-list:** AE 4701 with ME 4701 - Wind Engineering

5. A motion was made to approve a request from the School of Materials Science and Engineering for a new course. The motion was seconded and approved.

**NEW COURSE:**

MSE 4790: Materials Selection and Design

3-0-3

MSE 4790 will be listed at catalog level as L/G only and will be coded as equivalent to and cross-listed with ME 4790.

6. An informational item was presented by the Office of International Education to change the below listed courses from the Country/Region Category to Global Economics Category. This change was discussed and no objections or concerns were recorded.

Georgia Tech's catalog contains a list of courses approved by the International Plan Committee (IPC) to satisfy International Plan (IP) globally-focused course requirements. IP students choose one course from each of three categories: International Relations, Country/Region, and Global Economics, to satisfy these requirements. Periodically, the committee approves new courses for the list or removes courses from the list. We are asked to inform the UCC when changes to the list occur. Please see attached a list of courses which were approved by the IPC on 4/15/11 to satisfy the Global Economics category and which are scheduled to be added to the IP's catalog list. Please note that these courses had been previously included in the Country/Region category. The Country/Region attribute should be removed and replaced with the Global Economics attribute. Course outlines are attached for your reference.

**To be moved from Country/Region Category to Global Economics Category:**

INTA 3321 - Pol Econ-Europe Integrat  
INTA 4230 - Sem in Europe-Euro Union  
INTA 4330 - Chinese Economic Reform  
INTA 4340 - Latin American Economics

7. A motion was made to approve a request from the School of Psychology for a degree modification. The motion was seconded and approved.

**DEGREE MODIFICATION:** Bachelor of Science in Psychology

**Rationale for changing the approved degree program:**

Additions to the Psychology Elective List of Courses (see detailed list further in section):

Psyc 2300 – Psychology of Advertising  
Psyc 2400 – Psychology and Contemporary Issues in Society  
Psyc 2760 – Human Language Processing  
Psyc 3750 – Human – Computer Interaction  
Psyc 2699 - Undergraduate Research 3 hours only  
Psyc 4699 - Undergraduate Research 3 hours only – non 4xxx level course  
Psyc 4031 – Applied Experimental Psychology – If not taken as a required course

With A statement regarding Psychology Electives to be the following:

Elective Courses: At least four courses from the following must be taken and one of which must be a 4xxx level course.

Changing: Chemistry 1310, 1311, & 1312 to either Chemistry 1310, 1311 and 1312 or Chemistry 1211K and 1212K (students may take the CHEM 1310-1311-1312 sequence OR CHEM 1211K and 1212K and they may not mix and match).

Additional statement changes are also requested (see below).

#### The Why

Psychology courses: these courses were never listed as Psychology electives and they should have been. Some courses were new and approved by the IUCC but not listed.

#### Statements for Clarification

Chemistry changes: Chemistry changed the basic sequence.

- Recommended as results of an internal review of undergraduate curriculum by School's curriculum committee and faculty review.
- No change to degree program hours.

#### Currently Approved vs. Proposed Program Curriculum

<b>FIRST YEAR-FALL</b>	<b>HRS</b>
ENGL 1101 ENGLISH COMPOSITION I	3
BIO 1510 BIOLOGICAL PRINCIPLES	4
MATH 1501 CALCULUS I	4
PSYC 1101 GENERAL PSYCHOLOGY	3
HIST 2111 or 2112 or POL 1101 or PUBP 3000 or INTA 1200	3
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	<b>17</b>
<b>FIRST YEAR-SPRING</b>	<b>HRS</b>
ENGL 1102 ENGLISH COMPOSITION II	3
BIO 1520 INTRODUCTION TO ORGANISMAL BIOLOGY	4
MATH 1502 CALCULUS II	4
PSYC 2210 SOCIAL PSYCHOLOGY	3
WELLNESS	2
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	<b>16</b>
	<b>HRS</b>

## SECOND YEAR-FALL

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CHEM 1310 GENERAL CHEMISTRY or Chem 1211K or PHYS 2211 INTRODUCTORY PHYSICS I	4
ISYE 2027 PROBABILITY WITH APPLICATIONS	3
HUMANITIES ELECTIVE	3
PSYC 2015 RESEARCH METHODS	4
PSYC 2103 HUMAN DEVELOPMENT	3
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	17

## SECOND YEAR-SPRING

HRS

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(CHEM 1311 AND CHEM 1312) or Chem 1212K	4
PHYS 2211 or PHYS 2212	
PSYCHOLOGY ELECTIVE	3
PSYC 2020 PSYCHOLOGICAL STATISTICS	4
HUMANITIES ELECTIVE	3
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	14

## THIRD YEAR-FALL

HRS

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CS 1301 or CS 1315 or CS 1371	3
PSYC 3011 COGNITIVE PSYCHOLOGY	4
PSYC 3020 BIOPSYCHOLOGY	3
FREE ELECTIVES	5
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	15

## THIRD YEAR-SPRING

HRS

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PSYC 3031 EXPERIMENTAL ANALYSIS OF BEHAVIOR	4
PSYC 3041 HUMAN SENSATION AND PERCEPTION	4
PSYCHOLOGY ELECTIVE	3
SOCIAL SCIENCE ELECTIVE	2
FREE ELECTIVE	2
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	15

**\* NON THESIS OPTION \***

HRS

## FOURTH YEAR-FALL

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FREE ELECTIVES	9
PSYC ELECTIVES	6
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	15

FOURTH YEAR-SPRING	HRS
PSYC 4031 APPLIED EXPERIMENTAL PSYCHOLOGY	4
FREE ELECTIVES	9
	<b>13</b>

**\*THESIS OPTION \***

**HRS**

**FOURTH YEAR-FALL**

PSYC 4600 SENIOR THESIS I	3
FREE ELECTIVES	9
PSYC ELECTIVE	3
	<b>15</b>

**FOURTH YEAR-SPRING**

**HRS**

PSYC 4601 SENIOR THESIS II	4
FREE ELECTIVES	9
	<b>13</b>

**TOTAL PROGRAM HOURS = 120 SEMESTER HOURS PLUS WELLNESS  
(2 HOURS)**

Red strike-throughs are deleted, yellow highlights are additions.

***Elective Courses (at least four must be taken)***

**Elective Courses: At least four courses from the following must be taken, one of which must be a 4xxx level course.**

- PSYC 2220 Industrial/Organizational Psychology (3-0-3)
- PSYC 2230 Abnormal Psychology (3-0-3)
- PSYC 2240 Personality Theory (3-0-3)
- PSYC 2250 Cross-Cultural Psyc (3-0-3)
- PSYC 2270 Engineering Psychology (3-0-3)
- PSYC 2280 Psyc of Creativity & Art (3-0-3)
- **PSYC 2300 Psychology of Advertising (3-0-3)**
- **PSYC 2400 Psychology and Contemporary Issues in Society (3-0-3)**
- **PSYC 2760 Human Language Processing (3-0-3)**
- PSYC 3060 Comparative Psychology (3-0-3)

- **PSYC 3750 Human-Computer Interface Design & Evaluation [cross-listed with CS] (3-0-3)**
- PSYC 3790 Introduction to Cognitive Science [cross-listed with CS and ISYE] (3-0-3)
- PSYC 4010 Human Abilities (3-0-3)
- PSYC 4050 History and Systems (3-0-3)
- PSYC 4090 Cognitive Neuroscience (3-0-3)
- PSYC 4100 Behavioral Pharmacology (3-0-3)
- PSYC 4200 Advanced Topics in Cognitive Psychology (3-0-3)
- PSYC 4260 Psychology of Aging (3-0-3)
- PSYC 4270 Psychological Testing (3-0-3)
- PSYC 4310 Field Studies in Animal Behavior I (1-6-3)
- PSYC 4320 Field Studies in Animal Behavior II (1-6-3)
- PSYC 4600 Senior Thesis I
- PSYC 4770 Psychology and Environmental Design (2-3-3)
- ~~PSYC 4801-4 Special Topics (3-0-3) (permission of instructor and junior/senior standing)~~
- ~~PSYC 4900-10 Special Problems (credit hours arranged—permission of instructor and junior/senior standing)~~

Restriction on undergraduate Research Hours:

For undergraduate research hours (Psyc 2699 & Psyc 4699), a total of 3 hrs may be used as a Psychology Elective. Additional hours will be counted as Free Electives. Psyc 4699 may not be used to satisfy the 4xxx level course requirement.

- Psyc 2699 Undergraduate research (credit hours arranged – permission of instructor and Freshman/Sophomore standing)
- Psyc 4699 Undergraduate research (credit hours arranged – permission of instructor and Junior/Senior standing)



***Other Psychology Classes that May be Offered But Will Not Satisfy the Major Requirements (i.e., they can be free electives only):***

- ~~PSYC 2300 Psychology of Advertising (3-0-3)~~
- PSYC 2901-2903 Special Problems (arranged hours) [permission of instructor]
- ~~PSYC 2400 Psychology and Contemporary Issues in Society (3-0-3)~~
- ~~PSYC 3750 Human-Computer Interface Design & Evaluation (cross listed with CS) (3-0-3)~~
- PSYC 4790 Seminar in Cognitive Science (with lab) [cross listed with CS and ISYE] (3-0-3)
- PSYC 4791 Integrative Project in Cognitive Science (3-0-3)
- PSYC 4792 Design Project in Cognitive Science (3-0-3)
- **PSYC 4801-4 Special Topics [permission of instructor and junior/senior standing] (3-0-3)**
- **PSYC 4900-10 Special Problems [credit hours arranged - permission of instructor and junior/senior standing]**

**Courses taken for Audit only:**

- **Psyc 2698 – Undergraduate research**
- **Psyc 4698 – Undergraduate research**

**Additions to the Psychology Elective List of Course:**

Note: The Committee verified that the School of Psychology may add classes to this list by submitting a memorandum to the IUCC that will be put on the agenda as an information item, not requiring a vote. The actual changes to the list in the *Catalog* will be incorporated in the next year's edition. The School of Psychology can enter substitutions in DegreeWorks as needed until the *Catalog* list is correct and DegreeWorks includes those new options.

8. A motion was made to table a request from the Provost's Office for an institute-wide Internship course numbering system for use in the academic units. DOPP and Career Services have their own methodology and this proposal would not affect how their students are registered. This proposal is to ensure some consistent means of tracking both paid and unpaid internships that are given through the academic units. It is a proposal for a common set of numbers that would be opened under the appropriate subject codes. This item will be added to a later agenda for further discussion.

## **Student Petitions**

1. A motion was made to deny a written appeal of a petition for a waiver of the 36-hour rule. The motion was seconded and approved.
2. A motion was made to approve a request for a selective withdrawal from a CHEM class from Spring 2010. The motion was seconded and approved. A motion was made to deny the second part of the petition which was for a selective withdrawal from a PHYS class from Spring 2010. The motion was seconded and approved.

Adjourned,

Reta Pikowsky  
Registrar