

## Minutes of the Undergraduate Curriculum Committee

November 8, 2000

**Members Present:** Cain (MATH), DiSabatino (ODOS), Dowling (ARCH), Tew (CS - for Eiselt), Hinson (SGA Rep), Hughes (ECE), Kingsley (PubP), McIver (REG), Moran (CHEM), Sankar (AE), Schneider (DCOM), Shelton (ME), Wills (ECE)

**Visitors:** Catrambone (PSYC), Cunnold (EAS), Dorrity (TFE), McCarty (ECON), McLeod (ECON), Schork (ChE)

1. The **School of Materials Science & Engineering** requested the following changes to the curriculum for BS in Materials Science and Engineering. A motion was made to approve the changes. Motion was seconded and approved. Unanimous.

Replace the AE/ME 2751(Introduction to Mechanics) with AE 2120 Introduction to Mechanics or ME 2211 (Statics/Deformable Bodies).

Allow students who enter the MSE program after their third semester in residence at Tech to substitute a one hour technical course in lieu of MSE 1001, Introduction to Engineering.

2. The **School of Earth & Atmospheric Sciences** requested the approval of a Business Option for the BS in Earth and Atmospheric Sciences. A Motion was made to approve the request. The motion was seconded and approved. Unanimous.

Courses required for the Business Option:

MGT 3000 Accounting for Decision Making

MGT 3300 Marketing Management I

ECON 2106 Principles of Microeconomics (social science elective)

PSYC 2220 Industrial/Organizational Psychology (social science elective)

MGT 3150 Principles of Management or Management capstone course

6 hours of these management courses apply toward the Technical Electives.

3. The **School of Mathematics** requested the approval of Business Options for the BS in Mathematics and BS in Discrete Mathematics degrees. A motion was made to approve the request. The motion was seconded and approved. Unanimous.

Courses required for the Business Option:

ECON 2106 Principles of Microeconomics (social science elective)

MGT 3000 Accounting for Decision Making

MGT 3300 Marketing Management I

MGT 3150 Principles of Management

PSYC 2220 Industrial/Organizational Psychology

6 hours of these management courses apply toward the Technical Electives.

4. The **College of Architecture** requested the approval of the following courses. A motion was made to approve the courses. The motion was seconded and approved. Unanimous.

ID 3103 Industrial Design Computing I (1-6-3)

ID 3104 Industrial Design Computing II (1-6-3)

These courses replace ID 3101 and ID 3102, respectively.

5. The **School of Chemistry & Biochemistry** requested the approval of the following course. A motion was made to approve the request. The motion was seconded and approved. Unanimous.

CHEM 1315 Survey of Organic Chemistry (3-0-3)

6. The **School of Psychology** requested a revision in the requirements for the BS in Psychology degree. The total number of hours for the degree remains the same. A motion was made to approve curriculum and course changes, as detailed below. The motion was seconded and approved. Unanimous.

Changes in curriculum requirements:

Delete PSYC 2220, 2240, 3010, 3015, 3030, 3035, 3040, 3045, 4010, 4015, 4030, 4035, and 4050.  
(29 credit hours)

Add PSYC 3011, 3031, and either 4031 or 4501. (12 credit hours)

Add 6 hours of social sciences electives

Add 11 hours of free electives

Change PSYC Electives (12 hours) from 3xxx to approved list.

New Courses

PSYC 3011 Cognitive Psychology (3-3-4)

PSYC 3031 Experimental Analysis of Behavior (3-3-4)

PSYC 4031 Applied Experimental Psychology (3-3-4)

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 4501 Senior Thesis/Practicum (1-9-4)

The following courses should be made inactive

PSYC 2260 Psychology of Aging

PSYC 3010 Cognitive Psychology

PSYC 3015 Cognitive Psychology Laboratory

PSYC 3030 Experimental Analysis of Behavior

PSYC 3035 Experimental Analysis of Behavior Laboratory

PSYC 3045 Sensation and Perception Laboratory

PSYC 3050 Introduction to Psychological Testing

PSYC 4015 Human Abilities Laboratory

PSYC 4030 Applied Experimental Psychology

PSYC 4035 Applied Experimental Laboratory

PSYC 4060 Principles of Memory and Attention

PSYC 4070 Psychology of Language

PSYC 4080 Thinking

PSYC 4500 Senior Thesis/Practicum

PSYC 4761 Models of Human Information Processing

The following courses should be used as blanket substitutions.

PSYC 2260 for PSYC 4260

PSYC 3010 & PSYC 3015 for PSYC 3011

PSYC 3030 & PSY 3035 for PSYC 3031

PSYC 3050 for PSYC 4270

PSYC 4030 & PSYC 4035 for PSYC 4031

PSYC 4500 for PSYC 4501

PSYC 2020, Psychological Statistics, may no longer be used to satisfy the social sciences requirement:

7. The SCHOOL OF PSYCHOLOGY requested the approval of a Business Option for the BS in Psychology degree. A motion was made to approve the request. The motion was seconded and approved. Unanimous.

Courses required for Business Option

ECON 2106 Principles of Microeconomic

MGT 3000 Accounting for Decision Making

MGT 3300 Marketing Management I

PSYC 2220 Industrial/Organizational Psychology

Electives (choose one)

MGT 3150 Principles of Management

MGT 3310 Marketing Research

MGT 4191 The Entrepreneurship Forum

MGT 4331 Consumer Behavior

8. The **School of Chemical Engineering** requested the following changes to the curriculum of the BS in Chemical Engineering Degree. A motion was made to approve the curriculum changes and new courses. The motion was seconded and approved. Unanimous.

Curriculum changes:

Delete the 6 hours of free electives

Delete CHEM 3411

Delete ECE 3710 and ECE 3741

Delete CEE 2020

Delete CHE 3220, 4500, 4510, and 4520

Add CHE 3225, 4505 and 4515

Add 6 hours of Chemical Engineering electives

Add 12 hours of Technical Electives from a list of approved courses

New Courses

CHE 3225 Separations Processes (3-0-3)

CHE 4505 Process Design and Economics (3-0-3)

CHE 4515 Chemical Process Safety (1-0-1)

These courses replace CHE 3220, CHE 4500 and 4520, and CHE 4510, respectively.

9. The **School of Textile & Fiber Engineering** requested the following changes to the curriculum of the BS in Textile and Fiber Engineering degree. The total number of hours for the degree will change from 127 to 128 plus wellness. A motion was made to approve the request. The motion was seconded and approved. Unanimous.

Delete CHEM 1311 and CHEM 1312

Add AE/ME/CEE 1770

Add LCC 3401

10. The **School of Textile & Fiber Engineering** requested the following changes to the curriculum of the BS in Polymer and Textile Chemistry degree. The total number of hours for the degree will change from 124 to 129 plus wellness. A motion was made to approve the request. The motion was seconded and approved. Unanimous.

Add CHEM 3412

Add LCC 3401

11. The **School of Textile & Fiber Engineering** requested the following changes to the curriculum of the BS in Textile Enterprise Management. The total number of hours for the degree will not change. A motion was made to approve the request. The motion was seconded and approved. (10-1-0)

Delete CHEM 1311 and CHEM 1312

Add LCC 3401

Add 8 hours free electives

Delete 6 hours of social sciences electives

Replace current Management Elective footnote with "MGT elective may be any MGT course not required above".

12. The **School of Economics** requested the following changes to the curriculum of the BS in Economics. The total number of hours for the degree will not change. A motion was made to approve the request. The motion was seconded and approved. Unanimous.

Delete ECON 2100 and ECON2110

Add ECON 2105 and ECON 2106

13. The **School of Economics** requested the approval of the following courses. A motion was made to approve the courses. The motion was seconded and approved. Unanimous.

New Courses

ECON 4345 Economic Regulation (3-0-3)

ECON 4360 Network Economics (3-0-3)

ECON 4412 Cost-Benefit Analysis (3-0-3)

Make ECON 2110 inactive.

Informational Item: Replace all ECON 2110 pre-requisites with ECON 2100

14. The **School of Aerospace Engineering** requested the following curriculum changes to the BS in

Aerospace Engineering. A motion was made to approve the change. The motion was seconded and approved. Unanimous.

Delete the 4-hour lab science elective

Add a 3-hour science elective

Change free elective hours from 9 to 10

15. The **School of Electrical & Computer Engineering** requested the following curriculum changes to the BS in Electrical Engineering. A motion was made to approve the changes. The motion was seconded and approved. Unanimous.

Add LCC 3401, Technical Communication Practices (2-0-2)

Add Science elective (x-x-3)

Delete Laboratory Science elective (3-3-4)

Reduce the number of ECE elective hours from 21 to 20.

16. The **School of Electrical & Computer Engineering** requested the following curriculum changes to the BS in Computer Engineering. A motion was made to approve the changes. The motion was seconded and approved. Unanimous.

Add LCC 3401, Technical Communication Practices (2-0-2)

Add Science elective (x-x-3)

Delete Laboratory Science elective (3-3-4)

Add Discrete Math elective (x-x-3)

Delete MATH 2602 or MATH 3012

Add Advanced Programming elective (x-x-4)

Delete CS 2330, Languages and Translation

Reduce the number of ECE/CS elective hours from 15/16 to 14

17. The **School of Electrical & Computer Engineering** requested the approval of the following new course. A motion was made to approve the course. The motion was seconded and approved. Unanimous.

ECE 4006 ECE Major Design Project (1-6-3)

Informational item: ECE 2031: Add LCC 3401 as prerequisite with concurrency

18. The **School of Public Policy** requested the approval of the following new courses. A motion was made to approve the courses. The motion was seconded and approved. Unanimous.

New Courses

PUPB 4113 Statistical Analysis for Public Policy (3-0-3)

PUPB 4201 Metropolitan Governance (3-0-3)

PUBP 3113 and PUBP 3200 are to be made inactive.

Informational Item: Add PST 1101 as prerequisite to PST 4112.

19. The Department of Military Science requested the approval of the following new course. A motion was made to approve the request. The motion was seconded and approved. Unanimous.

MS 4901 Special Problems (variable)

20. The College of Computing requested the approval of the following curriculum change for the BS in Computer Science degree. There is no change in the total degree hours.

Delete LCC 3400 (1-0-1)

Add LCC 3401 (2-0-2)

Reduce free elective hours from 21 to 20

The College of Computing requested the approval of the following new courses, replacing CS 1311 and CS 1312, respectively, in all affected degree programs.

CS 1321 Introduction to Computing (3-0-3)

CS 1322 Object-Oriented Programming (3-0-3)

By email ballot following the regular meeting, these requests were approved. (9-0-1)

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Adjourned,

M. Jo McIver

Registrar