

Minutes of the Undergraduate Curriculum Committee

November 1, 2000

Members Present: Cain (MATH), Choi (BIOL – for Hall), Dowling (ARCH), Eiselt (CoC), Ferri (ME), Hinson (SGA Rep), Hughes (ECE), Kingsley (PUBP), McIver (REG), McMath (Provost), Moran (CHEM), Schneider (DCOM), Wills (ECE)

Visitors: Benkeser (BME), Giddens (BME), Kangari (BC/COA), Rockwood (ML), Uhlik (BC/COA), Williamson (LIB), Yoganathan (BME)

1. The DuPree College of Management requested that MGT 4155 Fundamentals of Global Management be made inactive.
2. The Georgia Tech/Emory School of Biomedical Engineering requested the approval of the Bachelor of Science Degree in Biomedical Engineering (Curriculum attached). After discussion, a motion was made to approve the degree and the new courses listed below. The motion was seconded and approved. Unanimous.

New Courses:

BMED 1300 Problems in Biomedical Engineering I (1-6-3)

BMED 2300 Problems in Biomedical Engineering II (1-6-3)

BMED 3400 Introduction to Biomechanics (4-0-4)

BMED 3300 Biotransport (4-0-4)

BMED 3200 Fundamentals of Engineering Science (3-0-3)

BMED 3160 Systems Physiology I (2-5-4)

BMED 3161 Systems Physiology II (2-5-4)

BMED 3500 Biomedical Sensors and Instrumentation (2-3-3)

BMED 4600 Senior Design Project I (1-3-2)

BMED 4601 Senior Design Project (1-6-3)

BMED 1801-2-3-4-5 Special Topics (1-5 respectively)

BMED 1811-2-3-4-5 Special Topics (1-5 respectively)

BMED 2801-2-3-4-5 Special Topics (1-5 respectively)

BMED 2811-2-3-4-5 Special Topics (1-5 respectively)

BMED 4801-2-3-4-5 Special Topics (1-5 respectively)

BMED 4811-2-3-4-5 Special Topics (1-5 respectively)

BMED 4823-33 Special Topics (3-0-3)

BMED 4900-2-3 Special Problems Variable

3. A request was made by the **Department of Modern Languages** to change its status to the SCHOOL OF MODERN LANGUAGES. A motion was made to approve the requested change. The motion was seconded. After discussion the motion was approved. Unanimous.
4. The **School of History, Technology & Society** requested the following course be approved. A motion for approval was made and seconded. Motion approved. Unanimous.

HTS 3023 Slaves without Masters: Free People of Color before 1865 (3-0-3)

*This course can be used for Social Science credit

5. The **School of Civil & Environmental Engineering** requested the following changes to the Bachelor of Science in Civil Engineering. These changes reduce the total number of hours for the BSCE degree from 132 to 128 (including wellness). A motion was made to approve the curriculum changes and new courses listed below. Motion was seconded and approved. Unanimous.

Curriculum Changes:

Delete the requirement for CP 4030, The City and its Technology and replace it with a social sciences elective.

Allow CEE undergraduates to select four out of six CEE Breadth Courses (CEE 3055, CEE 4100, CE 4200, CEE 4300, CEE 4400 and CEE 4600) rather than requiring all six.

Allow CEE undergraduates to select either CEE 3010 or CEE 4200 rather than requiring both.

Delete the requirement for CEE 2000 from the curriculum.

Add CEE 3770/ISYE 3770/MATH 3770 as a required course.

For the College of Engineering Elective, allow one course from a Thermodynamics Group A (MSE 3001, ME 3322, CHE 2110) and one course from Group B (MSE 2001, ECE 3710/3741, ECE 2025)

Require all CEE undergraduates to take Senior Capstone Design, CEE 4090.

New courses:

CEE 3770 Statistics (3-0-3)

CEE 4090 CEE Capstone Design (2-3-3)

CEE 4230 Environmental Transport Modeling (3-0-3)

CEE 4795 Groundwater Hydrology (3-0-3) Crossed listed with EAS 4795

Make CEE 4220 inactive and replace with CEE 4230.

6. The **College of Architecture** requested the approval of the following new course. A motion was made

to approve. The motion was seconded and approved. Unanimous.

ARCH 2115 Modern Architecture and Art in Europe, America and Australia 19th and 20th Century

*This course can be used for Humanities credit.

7. The **College of Architecture** requested that the following courses have all pre-requisites deleted and that these courses be included as Humanities electives. A motion was made to approve the request. The motion was seconded. After discussion the motion was approved. Unanimous.

ARCH 4113 History of Renaissance and Mannerist Architecture

ARCH 4114 Medieval Architecture

ARCH 4117 Architecture and the Arts and Crafts Movement

ARCH 4118 American Academic Architecture

ARCH 4119 Architecture of Frank Lloyd Wright

ARCH 4120 Atlanta Architecture

ARCH 4124 History of Architecture in the United States

*All courses carry Humanities credit.

8. The **College of Architecture** requested the following changes to the Bachelor of Science in Building Construction. A motion was made to approve the requests. Motion was seconded and approved. Unanimous.

Add the following courses to the BS degree requirements:

ARCH 3241 Fundamentals of Structures

BC 4640 Construction Marketing

BC 4660 Entrepreneurship in Construction

BC 4670 Construction Industry Issues and Initiatives

BC 4680 Professional Internship

MGT 3101 Organizational Behavior

MGT 3150 Principles of Management

Reduce Free Electives to 6 hours

Reduce Professional Electives to 6 hours

New Course:

BC 4680 Professional Internship (0-9-3)

9. The **College of Architecture** requested that the title of BC 4640 be changed from "Construction Marketing and Ethics" to "Construction Marketing." A motion was made to approve the change. The motion was seconded and approved. Unanimous.
10. The **College of Architecture** requested that the titles of ID 3101, CAD I, and ID 3102, CAD II, be changed to "ID Computing I" and "ID Computing II." After discussion, the request was sent back to the department to propose new numbers and titles for the courses.
11. The **School Of Industrial & Systems Engineering** requested the following curriculum modifications. The hours for the degree remain at 126 plus wellness. A motion was made to approve the curriculum changes and new courses. Motion was seconded and approved. Unanimous.

Curriculum Changes:

Delete ISYE 3101 and ISYE 3102

Add ISYE 3103 and ISYE 3104 as required courses.

Require LCC 3401 Technical Communications

Add ACCT 2101 Financial Accounting I as an option to MGT 3101.

New Courses:

ISYE 3103 Introduction to Supply Chain Modeling: Logistics (3-0-3)

ISYE 3104 Introduction to Supply Chain Modeling: Manufacturing & Warehousing (3-0-3)

ISYE 4257 Applications of Robotics and Automated Data Collection (3-0-3)

Make the following courses inactive:

ISYE 3101

ISYE 3102

ISYE 4256

12. The **School of Earth & Atmospheric Sciences** requested the approval of the following new courses. A motion was made to approve the requests. Motion was seconded and approved. Unanimous.

EAS 4795 Ground water Hydrology (3-0-3) crosslisted with CEE 4795

EAS 4651 Practical Internship in EAS (0-9-3)

13. The **School of Earth & Atmospheric Sciences** requested the approval of a Business Option for the BS in Earth and Atmospheric Sciences. After discussion, a motion was made to table the request. Motion was seconded and approved. Unanimous.
14. The **School of Mathematics** requested the approval of the following new courses. A motion was made to approve the courses. Motion was seconded and approved. Unanimous.

New Courses

MATH 4255 Monte Carlo Methods (3-0-3)

MATH 1522 Linear Algebra for Calculus (2-0-2) Bridge course for transfer students

MATH 2406 Abstract Vector (3-0-3)

Make MATH 2402 inactive.

15. The **School of Mathematics** requested the following curriculum changes. A motion was made to approve the changes. The motion was seconded and approved. Unanimous.

Substitute MATH 2406 for MATH 2402 in the BS in Mathematics and Discrete Mathematics programs.

Substitute CS 2130 for CS 2330 in the BS in Discrete Mathematics.

Reduce the number of free electives from 11 to 10.

16. The **School of Mathematics** requested the approval of a Business Option for the Bachelor of Science in Applied Mathematics and Bachelor of Science in Discrete Mathematics. After discussion, a motion was made to table the request. The motion was seconded and approved. Unanimous.
17. The Sam Nunn School of International Affairs requested the approval of the following courses. A motion was made to approve the courses. Motion was seconded and approved. Unanimous.

New courses:

INTA 1002 Effective Study Abroad (1-0-1)

INTA 4040 Environmental Politics (3-0-3)

Reactivate:

INTA 3103 The Challenge of Terrorism

INTA 3330 Political Economy of China

18. The **Department of Music** requested that new courses be approved. A motion was made to table the request pending the signatures of the Dean and Provost. The motion was seconded and defeated (2-6-0). A motion was made to approve the following courses. The motion was seconded and approved. Unanimous.

New Courses

MUSI 1009,2009,3009,4009 Pep Band (0-3-1)

MUSI 2521-2,3521-2,4521-2 Electronic Percussion Studio/Ensemble (2-3-3)

MUSI 4630 Music Recording and Mixing (2-3-3)

MUSI 4650 Music and Sound Design (2-3-3)

MUSI 4670 Music Interface Design (2-3-3)

Adjourned,

M. Jo McIver

Registrar

Attachment:

[\(a\) BME Curriculum](#)