

University Course and Programs Committee

Program Change Tables

May 18, 2012

Undergraduate Program Changes

TABLE ONE

College of Engineering

Department of Biological and Agricultural Engineering

BENGBS – BSBE, Bachelor of Science in Biological Engineering – Attachment 1A

There are 3 specific changes to the BENGBS: 1) Eliminate requirement for CHEM 3813, Introductory Biochemistry. 2) Eliminate requirement for BIOL 3861L, General Ecology Lab. 3) Add requirement for BIOL 1543/1541L, Principles of Biology and Lab.

Biology has been a deficiency requirement and a co-requisite for the required course, BENG 2632. Four hours of other science requirements are being eliminated to keep the total of 128 hours for the degree. This change is not expected to significantly affect any other programs. The Chair of Biological Sciences was consulted and gave consent.

Ralph E. Martin Department of Chemical Engineering

CHEGBS – BSChE, Bachelor of Science in Chemical Engineering – Attachment 1B

There are five changes to be made to the CHEGBS. (1) Require GNEG 1111 and GNEG 1121. (2) No longer require ELEG 3903 (it can be taken as a Technical Elective). (3) Replace the current requirement of six hours of Technical Electives with a requirement of three hours of Technical Electives or three hours of Advanced Science Electives. (Note that this change does not change two other requirements: three hours of Advanced Science Electives and three hours of Advanced Science or Chemical Engineering Electives.). (4) Renumber CHEG 1113 to CHEG 2113 and CHEG 1212L to CHEG 2212L because these courses are now in the second year of the official eight semester plan. (5) Revise the chemistry requirements to CHEM 1113, CHEM 1133, and CHEM 1131L (in place of CHEM 1103, CHEM 1123, and CHEM 1121L). These changes will result in reducing the number of hours in the eight semester plan from 132 to 128 semester hours.

PAGE TWO

Department of Industrial Engineering

INEGBS – BSIE, Bachelor of Science in Industrial Engineering – Attachment 1C

There are four proposed changes: 1) The INEG department requires ECON 2143 as one of its university core social science electives. The proposed change allows students to take ECON 2143 or (ECON 2013 and ECON 2023) to meet the INEG requirement in economics. 2) The College of Engineering has requested that all engineering departments have no more than 128 credit hours. To meet this requirement, the INEG department has dropped one credit hour from INEG 2102, creating INEG 2001 Industrial Engineering Seminar. 3) The INEG department dropped its engineering science elective of (MEEG 2303 or MEEG 2013 or MEEG 3013) from the 6th semester and replaced it with a modified INEG 2102 course, INEG 2103 Introduction to Industrial Engineering in the 3rd semester. 4) The INEG engineering science elective has been changed from (CHEG 2133 or MEEG 2403 or CHEG 2313) to (MEEG 2403 or CHEG 2313).

The changes for INEG 2001 and INEG 2103 have been submitted through the curriculum change form process. To accommodate the changes to these courses the INEG science elective moves to the 3rd semester and the INEG requirement of CSCE 2004 moves to the 4th semester.

Graduate Program Changes

None