

Department of Chemical and Biomolecular Engineering

Memorandum


RECEIVED OCT 05 2006

APPROVED DEC 06 2006

To: C.C.O.E. Undergraduate Affairs Committee
From: Demetre Economou
Date: September 5, 2006
Subject: Degree Plan Modification, Effective Fall 2007

The departmental faculty has decided to make CHEE 4366 Biomolecular Engineering Fundamentals, a mandatory course for all Chemical Engineering students. This course is taken by BME students as well, and can thus serve as a vehicle to satisfy the ABET requirement for interdisciplinary teams. Chemical Engineering students who choose the Petroleum Engineering minor do not have to take CHEE 4366. The "interdisciplinary teams" requirement for such students will be fulfilled with the substitute Petroleum Engineering courses.

Approved:



Dr. Fritz Claydon, Associate Dean

10/5/06

Chemical Engineering UNDERGRADUATE DEGREE-PL

Effective Fall 2007

FIRST YEAR

Fall Semester

Course #	Course	Hrs.
CHEE 1131	Chem. Engng. Challenges	1
CHEM 1111	Fund. of Chemistry Lab	1
CHEM 1331	Fundam. of Chemistry	3
ENGL 1303	English Composition I	3
HIST 1376/7	U.S. History to 1877	3
MATH 1431	Calculus I	4
POLS 1336	U.S. & Texas Politics	3

18

Spring Semester

Course #	Course	Hrs.
CHEM 1112	Fund. of Chemistry Lab	1
CHEM 1332	Fundam. of Chemistry	3
ENGL 1304	English Composition II	3
MATH 1432	Calculus II	4
PHYS 1321	Engineering Physics I	3

14

THIRD YEAR

Fall Semester

Course #	Course	Hrs.
	Adv. Chem. elective	3
CHEE 3333	ChE Thermo. II	3
CHEE 3334	Anal./Numer. Techn.	3
CHEE 3363	Fluid Mech. for ChE	3
PHYS 1322	Engr. Physics II	3
	Humanities Core	3

18

Spring Semester

Course #	Course	Hrs.
CHEE 3367	Proc. Mod./Control	3
CHEE 3369	ChE Transport Proc.	3
CHEE 3462	Unit Operations	4
CHEE 3466	Bio & Physical Chem	4

14

SECOND YEAR

Fall Semester

Course #	Course	Hrs.
CHEE 1331	Computing for Engineers	3
CHEE 2331	Chemical Processes	3
CHEM 3331	Fund. of Organic Chem. I	3
MATH 2433	Calculus III	4
POLS 1337	U.S. Government	3

16

Spring Semester

Course #	Course	Hrs.
CHEE 2332	Chem. Eng. Thermo. I	3
CHEE 3300	Mat'l Science & Engr.	3
CHEM 3221	Fund. of Org. Chem. Lab	2
CHEM 3332	Fund. of Organic Chem. II	3
ENGI 2304	Technical Communications	3
MATH 3321	Engineering Mathematics	3

17

FOURTH YEAR

Fall Semester

Course #	Course	Hrs.
CHEE 4321	ChE Design I	3
CHEE 4361	ChE Practices	3
CHEE 4367	Chem. Reaction Eng.	3
HIST 1378/9	US Hist. since 1877	3
	Technical elective	3
	Vis./Perf. Arts core	3

18

Spring Semester

Course #	Course	Hrs.
	Adv. Sci. elective	3
CHEE 4322	ChE Design II	3
CHEE 4366	Biomolec Engr	3
	Social & Behavior Science core	3
	Technical elective	3

15