



Faculty Senate

March 14, 2007

Faculty Senate Curricular Affairs Committee Four Hundred Fiftieth Report

At the February 26, 2007 meeting of the Curricular Affairs Committee the following matters were considered and are now presented to the Faculty Senate.

SECTION I

Informational Matters

A. College of Arts and Sciences

Department of Philosophy

ADD: **PHL 256X Philosophy and the American Cinema (3)**

This course applies philosophy, particularly aesthetics, to American cinema from the beginnings of American cinematography to the late 1960s. It includes study of philosophy of film and philosophy in film. (Lec 3)

B. College of Engineering

Department of Chemical Engineering

- a. CHANGE: Title for CHE 351 to "Plant Design and Economics I"
- b. CHANGE: Title for CHE 352 to "Plant Design and Economics II" and prerequisite to "Pre: 349 and 351 and credit for or concurrent enrollment in 464."

C. College of Human Science and Services

1. Department of Human Development and Family Studies

CHANGE: Prerequisites for the following courses:

- 1) HDF 203 to "Pre: 200 or PSY 232."
- 2) HDF 305 to "Pre: 200 or permission of instructor."

3) HDF 306 to: "Pre: 200 or PSY 232."

2. Department of Textiles, Fashion Merchandising and Design

CHANGE: Prerequisite for TMD 303 to: "Pre: TM and TMD majors admitted to the College of Human Science and Services and Junior Standing and CHM 105. TMD 313 must be taken concurrently."

D. College of Nursing

CHANGE: Prerequisites for the following courses:

- a. NUR 203 by raising the required g.p.a. to "2.8"
- b. NUR 253 to "Pre: STA 220 or PSY 300 or permission of instructor."

E. Online Courses

The CAC has reviewed the online versions of the following courses and has notified Enrollment Services that they may be scheduled for summer 2007 and thereafter:

- BUS 110 Business Computing and Applications (Westin)
- BUS 493 Internship in Business Administration (Weinstein)
- CSC 101 Computing Concepts (all instructors)
- HDF 225 Consumer in the Economy (Xiao)
- HDF 424 Personal Finance Applications (Xiao)
- HDF 428 Consumer Protection (Xiao)
- PSY 479 topic: Peace Psychology (Collyer)
- WMS 301 Women's Professional Development and Leadership (Peleg)
- WMS 370 Sex Trafficking (Hughes)*
- WRT 235 Writing in Electronic Environments (McIssac)

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S E C T I O N II

Curricular Matters Which Require Confirmation by the Faculty Senate

A. College of Arts and Sciences

1. Film Media Program

CHANGE: List of approved courses under Critical Studies by adding "THE 182."

2. Women's Studies Program

ADD: **WMS 370 Sex Trafficking (3)**

Focuses on the commercial sexual exploitation and slavery of women and girls and the impact on their health, rights, and status in society. (Lec. 3/Online) Pre: 150 or permission of instructor.

B. College of Engineering

Department of Chemical Engineering

a. Revise the Biology track in Chemical Engineering as follows:

Students enrolled in this curriculum will follow a program similar to the traditional chemical engineering curriculum, but with biology and biochemistry courses replacing some of the other technical and science courses. Total credits: 129.

Freshman, First Semester				Freshman, Second Semester			
CHM	101	General Chemistry I	3	BIO	101	Principles of Biology I	4
CHM	102	Laboratory for CHM 101	1	CHM	112	General Chemistry II	3
EGR	105	Foundations of Engineering I	1	CHM	114	Laboratory for CHM 112	1
MTH	141	Introduction to Calculus	4	EGR	106	Foundations of Engineering II	2
PHY	203	Elementary Physics I	3	MTH	142	Intermediate Calculus	4
PHY	273	Elementary Physics Laboratory I	1	ECN	201	Principles of Economics: Microeconomics	3 <i>or</i>
		General Education	3			General Education	3
			16				17
Sophomore, First Semester				Sophomore, Second Semester			
CHE	212	Chemical Process Calculations	3	BIO	341	Principles of Cell Biology	3
CHM	227	Organic Chemistry I	3	CHE	272	Introduction to Chemical Engineering Calculations	3
MTH	243	Calculus for Functions of Several Variables	3	CHE	332	Physical Metallurgy	3
		General Education	6	CHE	313	Chemical Engineering Thermodynamics I	3
			15	MTH	244	Differential Equations	3 <i>or</i>
				MTH	362	<i>Advanced Engineering Mathematics I</i>	3
							15
Junior, First Semester				Junior, Second Semester			
BCH	311	Introductory Biochemistry	3	BIO	352	Genetics	3
CHE	314	Chemical Engineering Thermodynamics I	3	MIC	211	Introductory Microbiology	4
CHE	347	Transfer Operations I	3	CHE	348	Transfer Operations II	3
PHY	204	Elementary Physics II	3	CHE	464	Industrial Reaction Kinetics	3
PHY	274	Elementary Physics Laboratory II	1			General Education	6
		General Education	3				19
			16				

Senior, First Semester			
CHE 328	Industrial Plants		1
CHE 345	Chemical Engineering Laboratory		2
CHE 349	Transfer Operations III		2
CHE 351	Plant Design and Economics I		3
CHE 425	Process Dynamics and Control		3
	Approved Professional Elective		3
	General Education		3
			17

Senior, Second Semester			
BIO 437	Fundamentals of Molecular Biology		3
CHE 346	Chemical Engineering Laboratory		2
CHE 352	Plant Design and Economics II		3
	Approved Professional Elective		3
	Approved math elective		3
	General Education		3
			17

b. Add a new Pharmaceutical Engineering track in Chemical Engineering as follows:

Students enrolled in this curriculum will follow a program similar to the traditional chemical engineering curriculum, but with biology, biochemistry, and biomedical-and-pharmaceutical-science courses replacing some of the other technical and science courses. Total credits: 132.

Freshman, First Semester			
CHM 101	General Chemistry I		3
CHM 102	Laboratory for CHM 101		1
EGR 105	Foundations of Engineering I		1
MTH 141	Introduction to Calculus		4
PHY 203	Elementary Physics I		3
PHY 273	Elementary Physics Laboratory I		1
	General Education		3
			16

Freshman, Second Semester			
BIO 101	Principles of Biology I		4
CHM 112	General Chemistry II		3
CHM 114	Laboratory for CHM 112		1
EGR 106	Foundations of Engineering II		2
MTH 142	Intermediate Calculus		4
ECN 201	Principles of Economics: Microeconomics		3 or
	General Education		3
			17

Sophomore, First Semester			
CHE 212	Chemical Process Calculations		3
CHM 227	Organic Chemistry I		3
MTH 243	Calculus for Functions of Several Variables		3
	General Education		6
			15

Sophomore, Second Semester			
BCH 311	Introductory Biochemistry		3
CHE 272	Introduction to Chemical Engineering Calculations		3
CHE 332	Physical Metallurgy		3
CHE 313	Chemical Engineering Thermodynamics I		3
MTH 244	Differential Equations		3 or
MTH 362	Advanced Engineering Mathematics I		3
	General Education		3
			18

Junior, First Semester			
BPS 301	Dosage Forms I		2
BPS 303	Dosage Forms II		2
BPS 305	Dosage Forms III		2
CHE 314	Chemical Engineering Thermodynamics I		3
CHE 347	Transfer Operations I		3
PHY 204	Elementary Physics II		3
PHY 274	Elementary Physics Laboratory II		1
			16

Junior, Second Semester			
BIO 341	Principles of Cell Biology		3
CHE 348	Transfer Operations II		3
CHE 464	Industrial Reaction Kinetics		3
MIC 211	Introductory Microbiology		4
	General Education		3
			16

Senior, First Semester			
BPS 425	Current Good Manufacturing Practices		3
CHE 328	Industrial Plants		1
CHE 345	Chemical Engineering Laboratory		2
CHE 349	Transfer Operations III		2
CHE 351	Plant Design and Economics I		3
CHE 425	Process Dynamics and Control		3
	General Education		3
			17

Senior, Second Semester			
CHE 346	Chemical Engineering Laboratory		2
CHE 352	Plant Design and Economics II		3
CHE 574	Biochemical Engineering		3 or
CHE 548	<i>Separations for Biotechnology</i>		3 or
	<i>Approved Professional Elective</i>		3
	<i>Approved Professional Elective</i>		3
	General Education		6
			17

C. College of Human Science and Services

1. Department of Kinesiology

- a. CHANGE: Physical Education Teacher Education Program by deleting KIN 415 as a required course.
- b. CHANGE: Health Fitness Program by replacing approved 400-level course in health promotion with "PSY 479 or KIN 308."

2. Department of Textiles, Fashion Merchandising and Design

CHANGE: Admission requirements to the College of Human Science and Services for TM and TMD majors by deleting the option of completing "CHM 101/102 or 103/105." The new requirement would read "CHM 101 or 103..."

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S E C T I O N III

Joint Report of the Curricular Affairs Committee and Graduate Council on 400-Level courses

At the February 26, 2007 meeting of the Curricular Affairs Committee and the March 2, 2007 meeting of the Graduate Council the following matters were considered and are now presented to the Faculty Senate.

A. Informational Matters

College of Human Science and Services

Department of Human Development and Family Studies

CHANGE: Prerequisite for the following courses:

a) HDF 400 to "Pre: 200 or PSY 232 and HDF 201."

b) HDF 432 to "Pre: 200 or PSY 232 and HDF 201 and 202."

B. Curricular Matters Which Require Confirmation by the Faculty Senate

College of Human Science and Services

Department of Kinesiology

CHANGE: Level and number for KIN 375 to "KIN 475 (375)."