

CLEMSON
UNIVERSITY

MEMORANDUM

TO: Debra Jackson, Institutional Effectiveness and Assessment
Doris R. Helms, Vice President for Academic Affairs and Provost
James F. Barker, President

FROM: Janice W. Murdoch, Chair, Undergraduate Curriculum Committee *JWM*

DATE: January 9, 2008

SUBJECT: Administrative Approval of Curriculum Items

The Undergraduate Curriculum Committee met on December 7, 2007, to approve the attached curriculum/course changes received in the Office of the Provost, January 9, 2008. The purpose of this memorandum is to respectfully request that you review this information and concur by giving final approval.

APPROVED:
EXCEPTION: *New conc in Lang & Internat'l Health — e-mails attached*

Debra B Jackson DATE *1-22-08*
DR. DEBRA JACKSON, INSTITUTIONAL EFFECTIVENESS AND ASSESSMENT

Doris R Helms DATE *1-24-08*
DR. DORIS HELMS, VICE PRESIDENT FOR ACADEMIC AFFAIRS & PROVOST

James F. Barker DATE *1/24/08*
JAMES F. BARKER, PRESIDENT CLEMSON UNIVERSITY

/bsr
c: File

Attachments



DEAN

UNDERGRADUATE STUDIES

A College of Engineering and Science

		Credits
a. New course		
	BIO E 101 Biology for Bioengineers	01(01,00)
	BIO E 460 International Special Research Topics in Bioengineering	03(00,09)
	BIO E 461 International Study in Bioengineering	03(03,00)
b Change of prerequisite		
	BIO E 201 Introduction to Biomedical Engineering	03(03,00)
c Curriculum change		
	BS Bioengineering, Biomaterials Concentration ✓	
	BS Bioengineering, Bioelectrical Concentration ✓	
d Change of prerequisite		
	C E 341 Introduction to Fluid Mechanics	04(03,03)
	C E 342 Applied Hydraulics and Hydrology	03(03,00)
	E C E 329 Computer Systems Structures	03(03,00)
	E C E 352 Programming Systems	03(03,00)
e Curriculum change		
	BS Electrical Engineering ✓	
	BS Computer Engineering ✓	
f Change of descripton, change of credit		
	CES 101 Engineering Disciplines and Skills with Recitation	03(01,04)
g Change of description, change of prerequisite		
	CES 102/H102 Engineering Disciplines and Skills	02(01,03)
	ENGR 130 Engineering Fundamentals	02(01,02)
	E G 208 Engineering Graphics with Computer Applications	02(01,03)
	E G 209 Introduction to Engineering/Computer Graphics	02(01,03)
	EG 210 Engineering Graphics for Civil Engineering	02(01,03)
h Change of title, change of description, chang eof prerequisite		
	ENGR 141 Programming and Problem Solving	03(02,02)
i Change of credit, change of description		
	I E 210 Design and Analysis of Work Systems	03(02,03)
j Change of credit		
	I E 440 Decision Support Systems in Industrial Engineering	03(02,03)
k Change of prerequisite		
	I E 457 Transportation and Logistics Engineering	03(03,00)
	I E 488 Human Factors Engineering	03(03,00)
l Curriculum change		
	BS Industrial Engineering ✓	
m New course		
	GEOL 370 Western US Field Study	03(01,04)
n Change of description		
	GEOL 375/H375 Bahamian Field Study	03(01,04)
	MTHSC 117 Mathematics for Elementary School Teachers I	03(02,02)
	MTHSC 118 Mathematics for Elementary School Teachers II	03(02,02)
o Curriculum change		
	BA Mathematical Sciences ✓	
p Change of prerequisite		
	ME 201 Statics and Dynamics for Mechanical Engineers	05(03,04)
	ME 203 Foundations of Thermal and Fluid Systems	03(03,00)
	ME 302/H302 Mechanics of Materials	03(03,00)
	ME 304 Heat Transfer	03(03,00)
	ME 305 Modeling and Analysis of Dynamic Systems	03(03,00)
	ME 306 Fundamentals of Machine Design	03(03,00)

Courses/Curricula approved at the December 7, 2007 meeting of the Undergraduate Curriculum Committee

	ME 308/H308	Fluid Mechanics	03(03,00)
	ME 333	Mechanical Engineering Laboratory II	02(00,06)
	ME 400	Senior Seminar	01(01,00)
	ME 401	Mechanical Engineering Design	03(03,00)
	ME 402	Internship in Engineering Design	03(01,03)
	ME 444	Mechanical Engineering Laboratory III	02(00,06)
q	Course deletion		
	ME 205	Computer Analysis in Engineering	03(03,00)
	ME 301	Materials for Mechanical Engineering Applications	03(03,00)
r	New Honors Courses		
	ENGR H 190	Special Projects in Engineering	01-03(00-01,00-04)
	ENGR H 290	Special Projects in Engineering II	01-03(00-01,00-04)
	ENGR H 390	Special Projects in Engineering III	01-03(00-01,00-04)
	ENGR H 490	Special Projects in Engineering IV	01-03(00-01,00-04)
	IE H 268	Creative Inquiry Seminar in IE	01(01,00)

B College of Agriculture, Forestry and Life Sciences

a	Change of title		
	AVS 209	Livestock Exhibition Techniques	02(01,02)
	AVS 360	Internship	01-12(00,03-36)
b	Course deletion		
	AVS 260	Internship	01-12(00,03-36)
c	New course		
	BIOSC 203	Environment, Energy and Society	03(03,00)
	BIOSC 478	Exercise Physiology	03(03,00)
	BIOSC 479	Kinesiology	03(03,00)
	BIOSC 482	Laboratory Techniques for Teaching Science	03(01,06)
	BIOSC 484	Human and Comparative Vertebrate Embryology	03(03,00)
d	Change of title		
	BIOCH 491/H491	Directed Research in Biochemistry	01-08(00,03-24)
e	Crosslisting		
	BIOCH 440	Bioinformatics	03(03,00)
	GEN 440	Bioinformatics	03(03,00)
f	New course		
	C R D 494	Creative Inquiry	01-03(01-03,00)
	EX ST 402	Introduction to Statistical Computing	03(03,00)
g	Change of course modifier		
	FD SC 450	Creative Inquiry	01-06(01-06,00)
h	Change of abbreviation, change of title, change of description		
	F N R 490	Field Training in Natural Resources	03(00,09)
i	Change of title		
	GEN 491/H491	Directed Research in Genetics	01-08(00,03-24)
j	Change of credit hours, change of distribution, change of course identifiers		
	HORT 408	Horticulture Discovery and Inquiry	01-03(01-03,00)
k	Change of prerequisite		
	MICRO 415/H415	Microbial Genetics	04(03,03)
l	Change of description, change of prerequisite		
	MICRO 411/H411	Pathogenic Bacteriology	04(03,03)
m	New course		
	PKGSC 299	Creative Inquiry--Packaging Science	01-04(01-04,00)
	PKGSC 399	Creative Inquiry--Packaging Science	01-04(01-04,00)
	PKGSC 499	Creative Inquiry--Packaging Science	01-04(01-04,00)

n Change of prerequisite

PKGSC 320	Package Design Fundamentals	03(02,03)
PKGSC 368/H368	Packaging and Society	03(03,00)
PKGSC 401	Packaging Machinery	03(03,00)
PKGSC 420	Package Design and Development	03(02,03)
R S 401	Human Ecology	03(03,00)
RS 459	The Community	03(03,00)

o Course deletion

PKGSC 471	Wood and Paper Packagaing	03(03,00)
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p Curriculum change

- BS Genetics ✓
- BS Biochemistry ✓
- Biochemistry Minor ✓
- Genetics Minor ✓
- BS Wildlife and Fisheries Biology ✓
- BS Agricultural and Applied Economics (*name change*) to
BS Applied Economics and Statistics (*CHE notification prepared*)
- BS Biological Science, Pre-Pharmacy Emphasis Area ✓
- BS Biological Sciences ✓
- BA Biological Sciences, Pre-Rehabilitation Sciences Emphasis Area ✓
- BA Biological Sciences ✓
- BS Packaging Science ✓
- BS Microbiology ✓
- BS Animal and Veterinary Sciences, Animal Agribusiness Concentration ✓
- BS Animal and Veterinary Sciences, Equine Business Concentration ✓
- BS Animal and Veterinary Sciences, Preventerinary and Science Concentration ✓

C College of Business and Behavioral Science

a New course

PSYCH 250	Pursuing Happiness	03(03,00)
PSYCH 456	Applied Psychophysiology	03(03,00)
PSYCH 482	Positive Psychology	03(03,00)
MKT 443	Advertising Strategy	03(03,00)

b Crosslisting

ANTH 371	Language and Culture	03(03,00)
LANG 371	Language and Culture	03(03,00)

c Curriculum change

- BA Psychology ✓
- BS Psychology ✓
- Management Information Systems Minor ✓
- Pre-Business ✓

D College of Health, Education and Human Development

a New course

ED 190	Leadership, Citizenship and Community Service	03(03,00)
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b Curriculum change

- BS Science Teaching, Biological Sciences Concentration and
BA Secondary Science — *notification of change required (prepared)*
- Health Sciences, Pre-professional Health Sciences Concentration ✓
- Health Sciences, Health Promotion and Education ✓
- Health Sciences, Health Services Administration Concentration ✓

E College of Architecture, Arts and Humanities

a New course

L&IH 127	Introduction to Language and International Health	01(01,00)
L&IH 400	Internship Abroad	03(00-03,00)
CHIN 317	Chinese for Health Professionals I	03(03,00)
CHIN 417	Chinese for Health Professionals II	03(03,00)
FR 363	French and Francophone Poetry	03(03,00)

b Curriculum change

Modern Languages Minor ✓
 BS Language and International Health - *NOT as presented*

c New course

REL H102	World Religions	03(03,00)
PHIL 328	Philosophy and Technology of the Bodies	03(03,00)
WS 103	Women in Global Perspective	03(03,00)

d Crosslisting

WS 349	Gender and Sexuality	03(03,00)
PHIL 349	Gender and Sexuality	03(03,00)
WS 423	Women in Dev World	03(03,00)
ANTH 423	Women in Dev World	03(03,00)

e Curriculum change

Women's Studies Minor

f New course

ENGL 420	American Literature to 1799	03(03,00)
ENGL 421	American Literature from 1800 to 1899	03(03,00)

g Change of title, change of description

ENGL 463	Topics in Literature to 1699	03(03,00)
ENGL 464	Topics in Literature from 1700-1899	03(03,00)
ENGL 465	Topics in Literature from 1900	03(03,00)

h Course deletion

ENGL 203/H203	Survey of English Literature I	03(03,00)
ENGL 204/H204	Survey of English Literature II	03(03,00)
ENGL 205/H205	Survey of American Literature I	03(03,00)
ENGL 206/H206	Survey of American Literature II	03(03,00)
ENGL 207/H207	Survey of World Literature I	03(03,00)
ENGL 208/H208	Survey of World Literature II	03(03,00)
ENGL 209/H209	Contemporary Literature	03(03,00)

h Curriculum change

BA English

i Change of credit, change of course identifier(s)

ARCH 355	Studio South	06(01,11)
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j New course

MUSIC 308	Broadway Vocal Tradition I	03(03,00)
MUSIC 309	Broadway Vocal Tradition II	03(03,00)
ART 105	Foundations Drawing I	03(00,06)
ART 106	Foundation Drawing II	03(00,00-03)
ART 221	Beginning New Media	03(03,03)

k Change of description, change of title

ART 305	Intermediate Drawing	03(00,06)
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l Change of title, change of description

ART 151	Foundations in Visual Art I	03(00,06)
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Courses/Curricula approved at the December 7, 2007 meeting of the Undergraduate Curriculum Committee

	ART 152	Foundations Art II	03(00,06)
m	Change of title, change of description, change of prerequisite		
	ART 205	Beginning Life Drawing	03(00,03)
n	Curriculum change		
	BFA Visual Arts		
o	New course		
	STS 499	Independent Study	01-03(01-03,00)
F Calhoun Honors College			
a	New course		
	C H S H207	Reasoning, Critical Thinking and Problem Solving	03(03,00)