

REQUEST FOR CHANGE IN UNDERGRADUATE PROGRAM

1. General Information

College: Engineering Department: Civil Engineering

Current Program Name: Bachelor of Science in Civil Engineering Proposed Program Name: same

Current Major Name: Proposed Major Name:

Current Degree Title: B.S.C.E Proposed Degree Title: same

Formal Option: Specialty Field:

Bulletin (yr and pgs): 2008-09 pp198-199 CIP Code: UK ID #: HEGIS CODE:

Accrediting Agency (if applicable): ABET Today's Date: 9/2/08

2. Particular University Studies Requirements or Recommendations for this Program.

I. Mathematics	Current MA113	Proposed same
II. Foreign Language	2 yrs in high school	same
III. Inference-Logic	MA113	same
IV. Written Communication	ENG 104 or Honors	same
V. Oral Communication	Suspended through Fall 2009	Suspended through Fall 2009
VI. Natural Sciences	CHE105 and CHE 107	same
VII. Social Sciences	ECO 201 plus one other USP course	same
VIII. Humanities	HIS 107 plus one other USP Course	same
IX. Cross-Cultural	USP course	same
X. USP Electives (3 must be outside the student's major)	ME220 or EM313 plus CE Technical Elective	same

To the extent that proposed changes in sections 3 through 8 involve courses offered in another program, please submit correspondence with the program(s) pertaining to the availability of such courses to your students.

3. University Graduation Writing Requirement - select from approved courses.

4. College Depth & Breadth of Study Requirements (if applicable). Include particular courses required/recommended for this program.

Current	Proposed
NA	NA

5. Premajor or Preprofessional Course Requirements (if applicable).

Current	<i>Proposed</i>
CE 106, 120, 211	
CHE 105, 107	<i>same</i>
EM 221; MA 113, 114, 213; PHY 231, 241	

6. Credit Hours.

a. Credit Hours Required:	Current:	<i>Proposed:</i>		
b. Total Required for Graduation:	Current: 133	<i>Proposed: 134</i>		
c. Required by Level:				
Currently:	100: 22	200: 33	300: 27	400-500: 18
<i>Proposed:</i>	<i>100: same</i>	<i>200: same</i>	<i>300: same</i>	<i>400-500: 19</i>
d. Current Premajor or Preprofessional:	38	<i>d. Proposed Premajor or Preprofessional:</i>	<i>same</i>	
e. Current Field of Concentration:	53	<i>e. Proposed Field of Concentration:</i>	<i>54</i>	
f. Current Division of Hrs between Major Subject & Related Field:		<i>f. Proposed Division of Hrs between Major Subject & Related Field:</i>		
g. Current Hrs Needed for a Specific Option or Specialization:		<i>g. Proposed Hrs Needed for a Specific Option/Specialization:</i>		
h. Current Technical or Professional Support Electives:	21	<i>h. Proposed Technical or Professional Support Electives:</i>	<i>same</i>	
i. Current Minimum Hours of Free or Supportive Electives:	3	<i>i. Proposed Minimum Hours of Free or Supportive Electives:</i>	<i>same</i>	

7. Major or Professional Course Requirements.

Current	<i>Proposed</i>
GLY 220; MA 214; CS221; EM 221, 302; MNG 303	
PHY 232, 242; STA 381; CE 303, 331, 341, 351,	<i>same</i>
381, 382, 401, 429, 461G, 471G	

8. Minor Requirements (if applicable).

Current	<i>Proposed</i>
none	<i>none</i>

9. Rationale for Change(s) – if rationale involves accreditation requirements, please include specific references to those.

Over the years we reduced required fluid related classes in our curriculum from 12 credit hours down to 7 credit hours and we realize this streamlining had too dramatic of an impact on the necessary knowledge that students need, specifically in hydraulics. We have reviewed our past changes and are proposing adding this 1 credit hour to an existing class (CE461G) to give students a minimal understanding of hydraulics.

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10. List below the typical semester by semester program for a major.

Current	Hours	Proposed	Hours
YEAR 1 - Fall	15	YEAR 1 - Fall	15
CE 120	1	CE 106	3
ENG 104	4	CHE 105	3
MA 113	4	MA 114	4
US: ECO 201	3	PHY 231	4
US: Social Science Elective	3	PHY 241	1
Current Total, Year 1 Fall:	15	Proposed Total, Year 1 Fall:	same
YEAR 1 - Spring	15	YEAR 1 - Spring	15
CE 211	4	CE 211	4
CHE 107	3	CHE 107	3
EM 221	3	EM 221	3
GLY 220	4	GLY 220	4
MA 213	4	MA 213	4
Current Total, Year 1 Spring:	15	Proposed Total, Year 1 Spring:	same
YEAR 2 - Fall	18	YEAR 2 - Fall	18
COM 252 or COM 281	3	COM 252 or COM 281	3
EM 302	3	EM 302	3
MNG 303	1	MNG 303	1
MA 214	3	MA 214	3
PHY 232 / PHY 242	4 / 1	PHY 232 / PHY 242	4 / 1
STA 381	3	STA 381	3
Current Total, Year 2 Fall:	18	Proposed Total, Year 2 Fall:	same
YEAR 2 - Spring	18	YEAR 2 - Spring	18
COM 252 or COM 281	3	COM 252 or COM 281	3
EM 302	3	EM 302	3
MNG 303	1	MNG 303	1
MA 214	3	MA 214	3
PHY 232 / PHY 242	4 / 1	PHY 232 / PHY 242	4 / 1
STA 381	3	STA 381	3
Current Total, Year 2 Spring:	18	Proposed Total, Year 2 Spring:	same

10. Semester Plans, continued.

Current	Hours	<i>Proposed</i>	<i>Hours</i>
YEAR 3 - Fall		YEAR 3 - Fall	
CE 303	4		
CE 331	3		
CE 341	4	<i>same</i>	
CE 381	3		
Engr Science Elective	3		

Current Total, Year 3 Fall: 17

Proposed Total, Year 3 Fall: same

YEAR 3 - Spring	
CE 351	3
CE 382	3
CE 471G	4
CS 221	2
US: HIS 107	3
Math or Science Elective	3

YEAR 3 - Spring

same

Current Total, Year 3 Spring: 18

Proposed Total, Year 3 Spring: same

YEAR 4 - Fall	
CE 401	1
CE 461G	3
Structures Elective	3
Tech Elective	3
Tech Elective	3
US: Humanities Elective	3

YEAR 4 - Fall

<i>CE 401</i>	<i>1</i>
<i>CE461G</i>	<i>4</i>
<i>Structures Elective</i>	<i>3</i>
<i>Tech Elective</i>	<i>3</i>
<i>Tech Elective</i>	<i>3</i>
<i>Humanities Elective</i>	<i>3</i>

Current Total, Year 4 Fall: 16

Proposed Total, Year 4 Fall: 17

YEAR 4 - Spring	
CE 429	4
CE Tech Design Elective	3
Supportive Elective	3
Tech Elective	3
US: Cross Cultural	3

YEAR 4 - Spring

same

Current Total, Year 4 Spring: 16

Proposed Total, Year 4 Spring: same

Current Total Hours: 133

Proposed Total Hours: 134

12. Requested effective date for changes (term/year): fall / 2009

13. Within the department, who should be contacted for further information about the proposed program change?

Name: Scott A. Yost Phone: 257-4816 Email: yostsa@engr.uky.edu

14. Signatures of Approval.

October 12, 2007
DATE of Approval by
Department Faculty

George E Blandford / George E Blandford
printed name / signature
Reported by Department Chair

Nov 20, 2008
DATE of Approval by
College Faculty

RICHARD J. SWEIGARD / Richard J Sweigard
printed name / signature
Reported by College Dean

2/10/2009
*DATE of Approval by
Undergraduate Council

S. GILL / [Signature]
printed name / signature
Reported by Undergraduate Council Chair

*DATE of Approval by
Graduate Council

/
printed name / signature
Reported by Graduate Council Chair

*DATE of Approval by
Health Care Colleges
Council (HCCC)

/
printed name / signature
Reported by Health Care Colleges Council Chair

*DATE of Approval by
Senate Council

/
printed name / signature
Reported by Office of the Senate Council

*DATE of Approval by the
University Senate

/
printed name / signature
Reported by the Office of the Senate Council

*If applicable, as provided by the *University Senate Rules*.