

RECEIVED

SEP 12

REQUEST FOR CHANGE IN MASTERS DEGREE PROGRAM

1. GENERAL INFORMATION

College:	Engineering	Department:	Center for Biomedical Engineering
Current Major Name:	Biomedical Engineering	Proposed Major Name:	Biomedical Engineering
Current Degree Title:	Master of Science in Biomedical Engineering	Proposed Degree Title:	Master of Science in Biomedical Engineering
Formal Option(s):		Proposed Formal Option(s):	
Specialty Fields w/in Formal Option:		Proposed Specialty Fields w/in Formal Options:	
Date of Contact with Associate Provost for Academic Administration ¹ :			
Bulletin (yr & pgs):		CIP Code ¹ :	
Accrediting Agency (if applicable):		Today's Date: 01/2012	
Requested Effective Date:		Specific Date ² :	
<input checked="" type="checkbox"/> Semester following approval.		OR	
Dept. Contact Person:	Abhijit Patwardhan	Phone:	257-2728
		Email:	abhjit@uky.edu

2. CHANGE(S) IN PROGRAM REQUIREMENTS

		Current	Proposed
1.	Number of transfer credits allowed (Maximum is Graduate School limit of 9 hours or 25% of course work)	9	9
2.	Residence requirement (if applicable)		
3.	Language(s) and/or skill(s) required		
4.	Termination criteria		
5.	Plan A Degree Plan requirements ³ (thesis)	26	26
6.	Plan B Degree Plan requirements ³ (non-thesis)	31	31
7.	Distribution of course levels required (At least one-half must be at 600+ level & two-thirds must be in organized courses.)	13 credits at 600+ 13 credits in core, 10 credits of core at 600+ level, 18 credits in major, 18 credits of regularly scheduled courses.	13 credits at 600+ 13 credits in core, 10 credits of core at 600+ level, 18 credits in major, 18 credits of regularly scheduled courses.
8.	Required courses (if applicable)	BME530, BME605, BME661, BME772,	BME530, BME605, BME661, BME772, Ethics, PGY412G,

¹ Prior to filling out this form, you MUST contact the Associate Provost for Academic Administration (APAA). If you do not know the CIP code, the APAA can provide you with that during the contact.

² Program changes are typically made effective for the semester following approval. No changes will be made effective until all approvals are received.

³ If there is only one plan for the degree, plans involving a thesis (or the equivalent in studio work, etc.) should be discussed under Plan A and those not involving a thesis should be discussed under Plan B.

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		BME774, PGY4I2G, BME elective, math elective, technical elective.	<i>BME elective, math elective, technical elective.</i>
9.	Required distribution of courses within program (if applicable)	13 credits at 600+ 13 credits in core, 10 credits of core at 600+ level, 18 credits in major, 18 credits of regularly scheduled courses.	<i>13 credits at 600+ 13 credits in core, 10 credits of core at 600+ level, 18 credits in major, 18 credits of regularly scheduled courses.</i>
10.	Final examination requirements	yes	yes
11.	Explain whether the proposed changes to the program (as described in sections 1 to 10) involve courses offered by another department/program. <u>Routing Signature Log must include approval by faculty of additional department(s).</u>		
	In order to fulfill an ethics in science requirement, we would like to change our curriculum to include 1 credit hours of ethics instruction. This requirement may be met by our students by either taking BME640 or TOX 600. These courses will provide the necessary formal instruction to our students in the area of ethics in science. One of these (1 credit) courses will replace BME 774 (1 credit). BME 774 is a seminar course, we will continue to require students to enroll in BME 772 (also a seminar course). Therefore, switching from BME 774 to either BME640 or TOX 600 will allow us to meet our ethics requirement at the same time maintain the exposure to contemporary research via the BME 772 seminar course. This change will not affect the total number of credits that our students have to take.		
12.	List any other requirements not covered above?		
13.	Please explain the rationale for changes. If the rationale involves accreditation requirements, please include specific references to those requirements.		
	In order to fulfill an ethics in science requirement, we would like to change our curriculum to include 1 credit hours of ethics instruction. This requirement, which we included in our SACS accreditation, may be met by our students by either taking BME640 (new course, approval pending) or TOX 600. These courses will provide the necessary formal instruction to our students in the area of ethics in science. One of these (1 credit) courses will replace BME 774 (1 credit). BME 774 is a seminar course, we will continue to require students to enroll in BME 772 (also a seminar course). Therefore, switching from BME 774 to either BME640 or TOX 600 will allow us to meet our ethics requirement at the same time maintain the exposure to contemporary research via the BME 772 seminar course. This change will not affect the total number of credits that our students have to take.		

REQUEST FOR CHANGE IN MASTERS DEGREE PROGRAM
Signature Routing Log

General Information:

Proposal Name: Ethics requirement for MS degree in Biomedical Engineering

Proposal Contact Person Name: Abhijit Patwardhan Phone: 257 2728 Email: abhijit@uky.edu

INSTRUCTIONS:

Identify the groups or individuals reviewing the proposal; note the date of approval; offer a contact person for each entry; and obtain signature of person authorized to report approval.

Internal College Approvals and Course Cross-listing Approvals:

Reviewing Group	Date Approved	Contact Person (name/phone/email)	Signature
CBME faculty	3/20/2012	Abhijit Patwardhan / 257 2728 / abhijit@uky.edu	<i>Abhijit Patwardhan</i>
Engineering Graduate Team	4/30/13	ERIC GROUKE / 257 4097 / eric.grouke@uky.edu	<i>Eric Grouke</i>
COE Faculty	5/11/2013	Kim Anderson / 257 19041 / Kim.anderson@uky.edu	<i>Kim</i>
		/ /	
		/ /	

External-to-College Approvals:

Council	Date Approved	Signature	Approval of Revision ⁴
Undergraduate Council			
Graduate Council		Dr. Brian A. Jackson	
Health Care Colleges Council			
Senate Council Approval		University Senate Approval	

Comments:

⁴ Councils use this space to indicate approval of revisions made subsequent to that council's approval, if deemed necessary by the revising council.

Brandenburg, Barbara J

From: Mehanna, Monica
Sent: Wednesday, January 30, 2013 10:14 AM
To: Brandenburg, Barbara J
Subject: Change in BME MS Program

Hi BJ,

The application submitted by the Center for Biomedical Engineering requesting a change in their MS program (to include a one hour research ethics course) was submitted to the Graduate Studies Team for review.

Of the ten team members, eight responded and all eight approved the change.

If you have any questions, please let me know.

Thank you,

Monica

Monica P. Mehanna
Research and Graduate Studies
College of Engineering
359 Ralph G. Anderson Building
University of Kentucky
859-257-3341 (Phone)
859-257-5727 (Fax)