

# ATTACHMENT C

## CIM Report Oct 7, 2019 12:25pm

### Program Changes Pending Approval from Graduate Committee

Code	Field	Old Value	New Value
ASLPMC			Added
BMEGMS	Select a reason for this modification	Making Minor Changes to an Existing Degree (e.g. changing 15 or fewer hours, changing admission/graduation requirements, adding/changing Focused Study or Track)	Changing CIP Code--(LON)
	Are you adding a concentration?	No	Yes
	Effective Catalog Year	Fall 2018	Fall 2020
	CIP Code	Agricultural Engineering.	Bioengineering and Biomedical Engineering.
	Does this proposal impact any courses from another College/School?	No	Yes
	Scheduled Program Review Date	2018-2019	2025-2026
	Description and justification of the request	<p>The requested changes are to streamline our program's admission and degree requirements with those of comparable programs in the nation via the following:   To align admission requirements with national norms for BMEG programs.</p> <ol style="list-style-type: none"> <li>1. Modifying admission requirements for students entering with a non-Engineering degree. Establishing a set of foundational courses that the applicant must have to be accepted into the program.   To align admission requirements with national norms for BMEG programs.</li> <li>2. Modifying core course requirements for the program.   To align admission requirements with national norms for BMEG programs.</li> <li>3. Specifying the minimum number of BMEG Courses that must be taken for the MS degree.   To align admission requirements with national norms for BMEG programs.</li> </ol>	<p>Adding Healthcare Entrepreneurship Concentration within our BMEG MS Degree Program   Adding new concentration.</p> <p>Changing BMEGMS CIP code   BMEGMS is still coded as 14.0301 (Agricultural Engineering). We would like to code it to 14.0501 (Biomedical Engineering).</p> <p>Streamlining language within all our various tracks.   To streamline language in our various BMEG options/concentrations with the addition of this new concentration to have at least 15 hours of Engineering classes in all the MSBMEG degree options/concentrations.</p>

	Reviewer Comments	<p>pkoski - Tue, 14 Feb 2017 20:10:21 GMT - Rollback: Please list the changes in the section on description of the request.</p> <p>ndennis - Tue, 14 Feb 2017 21:43:42 GMT - Rollback: Please list the changes you are making in the Description and Justification for change section.</p> <p>ndennis - Tue, 14 Feb 2017 22:27:35 GMT - Added language to clarify the math requirement and added items to the description of the change</p> <p>agriffin - Tue, 21 Feb 2017 20:45:04 GMT - Due to the approval timeline to meet catalog copy, changed the effective date to fall 2018.</p> <p>rossetti - Tue, 12 Sep 2017 18:21:07 GMT - Rollback: The EAPC suggests increasing the number of required BMEG hours for the students in the non-thesis option to ensure engineering design coverage.</p> <p>rossetti - Thu, 02 Nov 2017 18:41:00 GMT - Rollback: To make requested changes</p> <p>ndennis - Tue, 07 Nov 2017 22:45:14 GMT - Modified Justification for changes.</p> <p>agriffin - Fri, 10 Nov 2017 16:47:10 GMT - Changed program review date from July 1, 2017 to 2018-2019 to match scheduled program review policy dates.</p> <p>agriffin - Fri, 10 Nov 2017 19:06:04 GMT - Removed changes to the CIP Code so that minor changes could be approved. The department will need to submit an LON 1c in order to request a change to the CIP Code.</p>	<p>ndennis - Fri, 08 Feb 2019 20:08:14 GMT - Rollback: Per request of you department head</p> <p>ndennis - Fri, 08 Feb 2019 20:49:49 GMT - Rollback: You also need to describe your current program in BMEG which will also be a track (give it a name)</p> <p>agriffin - Tue, 12 Feb 2019 16:50:11 GMT - Hyperlinked courses throughout program requirements to make sure they match course inventory.</p> <p>agriffin - Tue, 12 Feb 2019 16:50:44 GMT - Also, updated scheduled program review date.</p> <p>agriffin - Tue, 12 Feb 2019 17:01:09 GMT - Rollback: Changing the CIP Code is considered a major change. Please complete the LON form and change the reason for the modification.</p> <p>ndennis - Wed, 03 Apr 2019 17:19:21 GMT - Change track to concentration</p> <p>ndennis - Wed, 03 Apr 2019 17:58:20 GMT - Added before and after curriculum document</p> <p>agriffin - Wed, 10 Apr 2019 13:33:09 GMT - Changed the term track to concentration within the Healthcare Entrepreneurship Concentration paragraph within program requirements field. College is encouraged to review that section and verify the correct language is being used.</p> <p>agriffin - Wed, 10 Apr 2019 13:46:28 GMT - Revised curriculum document to match formatting for BOT materials. Changed degree code and degree in LON to match ADHE degree code and degree.</p> <p>agriffin - Thu, 11 Apr 2019 21:54:54 GMT - Entered the concentration program code with input from department.</p> <p>lkulcza - Thu, 06 Jun 2019 00:42:26 GMT - Adjusted effective date from fall 2019 to fall 2020.</p> <p>ggunderm - Thu, 06 Jun 2019 13:32:14 GMT - CIP Code change is appropriate.</p> <p>ndennis - Thu, 18 Jul 2019 16:23:32 GMT - Removed the ability to use 3000 level courses for graduate credit, even if approved by the advisory committee.</p> <p>agriffin - Thu, 12 Sep 2019 14:10:12 GMT - Changed reason for change to changing CIP code and inserted approval dates into LON. (Concentrations no longer require ADHE approval, but changing CIP codes does. Does not impact approval workflow.)</p>
	Concentration(s):		ADD   BMEG-HCEP   Healthcare Entrepreneurship
	Track(s)		ADD   14.0501   Healthcare Entrepreneurship Track
	College(s)/School(s)		WCOB EDUC
	Upload attachments		BMEGMS - CIP Code Change -Curriculum.docx BMEGMS - CIP Code Change - Ltr of Notification.pdf
CHEGPH	Effective Catalog Year	Fall 2019	Fall 2020
	Scheduled Program Review Date	2023	2022-2023

	Description and justification of the request	Change requirement from MATH 4423 to MATH 5423. \nAlso remove allowing any 4000 level electives per ADHE PhD requirements.   The MATH 4423 course has been replaced by 5423.	CHEG elective requirement was reduced from 6 to 3 hours.\n\nTechnical elective hours were reduced from 18 to 12 hours.\n\nDissertation hours were increased by 9 hours to maintain the total number of required hours at 72.   In order to increase the focus on research experience, the number of course hours is being decreased. This was decided after a comprehensive examination of other domestic Chemical Engineering PhD course requirements.
	Reviewer Comments	ndennis - Sat, 27 Jan 2018 02:33:54 GMT - Rollback: Make your corrections ndennis - Tue, 06 Feb 2018 16:26:04 GMT - Changed program review date. pkoski - Tue, 06 Feb 2018 16:33:22 GMT - I removed the word "new" and added "ADHE." The requirements are not new.	agriffin - Mon, 05 Aug 2019 21:05:54 GMT - In the program requirements field, I changed 42 hours to 33 hours of course work. And changed 30 hours of dissertation to 39 hours with permission from submitter. agriffin - Mon, 05 Aug 2019 21:06:56 GMT - Updated program review date to include academic year.
CNSLMS-ADCN	Inactivated/Deleted		
NUEDGC	Added		
NURSMS-EXLD	Inactivated/Deleted		
SPACPH	User ID:	lkulcza	pkoski
	Phone:	57456	5902
	Effective Catalog Year	Fall 2019	Fall 2020
	Scheduled Program Review Date	NA	2025-2026
	Program Goals and Objectives	NA	1. To prepare graduates to successfully pursue careers in space and planetary sciences in academia, government and industry.\n2. To prepare graduates to approach problems in space and planetary sciences from an interdisciplinary perspective.\n3. To produce graduates who will become leaders in space and planetary sciences.
	Learning Outcomes	NA	1. Assimilate literature, refereed and unrefereed, to understand the state of previous work in a given area.\n2. Design experiments to prove or disprove hypotheses. \n3. To build and operate experimental equipment to be used in that assessment. \n4. Understand the information that can be gained from common analytical equipment and instruments.\n5. Defend the analysis of obtained data in a logical, detached manner.\n6. Understand how an understanding of the universe and the exploration of space benefits society and use skills obtained from the program to promote this interaction.
	Description and justification of the request	Admin update for courses not found.   Admin update for courses not found.	A program change was made previously without changing the total hours required. This change cleans that up.\n\nWe also now provide a list of potential electives.\n\nWe also cleaned up some catalog language.   Catalog accuracy; requirements easier for students to understand. Changes in program administration required changes in catalog language.

## Reviewer Comments

agriffin - Sat, 17 Aug 2019 17:51:56 GMT -  
Rollback: Rolling back at request of submitter.  
agriffin - Mon, 19 Aug 2019 14:18:37 GMT -  
Inserted Program Goals and Student Learning  
Outcomes, plus the scheduled program review  
date.  
agriffin - Fri, 30 Aug 2019 21:39:33 GMT -  
Deleted comment "Other Electives" and moved  
SPAC 5161 up to Core Courses with permission  
from submitter.  
lkulcza - Fri, 30 Aug 2019 22:24:24 GMT -  
Adjusted submitter info for this proposal