

ATTACHMENT B

CIM Report Dec 1, 2017 12:07pm

Program Changes Pending Approval from Graduate Committee

Code	Field	Old Value	New Value
ATTRMA	Phone:	4795752959	5-6625
	Description and justification of the request	Based on national accreditation standards the athletic training education faculty believe that in order to maximize the required accreditation competencies in the least amount of course work that HHPR 5353 be discontinued as a required course in our program of study. Although, some of the material taught in HHPR 5353 is relevant to accreditation competencies, it has been determined that such material can be included in other current program required courses. EXSC 5643 has been added as a required course, leaving the total number of hours unchanged.	ATTR wishes to replace 9 credits with 9 credits of newly-created coursework. ATTR 5313 - Clinical Anatomy for Athletic Trainers; ATTR 5403 - Pathophysiology and Treatment I; ATTR 5413 - Pathophysiology and Treatment II were all approved at October COEHP CCPC meeting. Content of newly created courses will replace content of courses being deleted from program.
	Description and Justification for this request	Based on national accreditation standards the athletic training education faculty believe that in order to maximize the required accreditation competencies in the least amount of course work that HHPR 5353 be discontinued as a required course in our program of study. Although, some of the material taught in HHPR 5353 is relevant to accreditation competencies, it has been determined that such material can be included in other current program required courses. EXSC 5643 has been added as a required course, leaving the total number of hours unchanged.	
	Effective Catalog Year	Fall 2016	Fall 2018
	Track(s) - Action		Action
	Focused Stud(y/ies) - Action		Action
	What are the total hours needed to complete the program?		59
	Reviewer Comments		agriffin - Sun, 08 Oct 2017 20:09:44 GMT - Inserted credit hours for ATTR 5313, ATTR 5403, and ATTR 5413 in plan of study so that total hours would match total hours required for program. agriffin - Sun, 08 Oct 2017 20:11:53 GMT - All three courses noted above are in approval workflow and currently pending UCPC approval.
BMEGMS	Effective Catalog Year	Summer 2014	Fall 2018
	User ID:		kbalacha
	Phone:		5-3376
	Type of proposal		Major/Field of Study
	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 Focused Study)
	Track(s) - Action		Action
	Focused Stud(y/ies) - Action		Action
	Program Delivery Method		On Campus
	Is this program interdisciplinary?	No	Yes
	College(s)/School(s)		ENGR

	What are the total hours needed to complete the program?		30
	Are Similar Programs available in the area?		No
	Estimated Student Demand for Program		50
	Scheduled Program Review Date		2018-2019
	Program Goals and Objectives		<p>Program goals are broad general statements of what the program intends to accomplish and describes what a student will be able to do after completing the program. The program goals are linked to the mission of the university and the new strategic plan of the College of Engineering (COE).</p> <p>Accordingly, the program goals of the MS and PhD programs in Biomedical Engineering at the University of Arkansas, Fayetteville are to produce graduates that are capable of:</p> <ol style="list-style-type: none"> 1. Succeeding in practice at the interface between life science and engineering, or in other professional activities, or in post-master's or Ph.D. studies. 2. Utilizing their advanced engineering education in creating new knowledge or enabling technologies for improvement of human health and healthcare. 3. Continuously upgrading their knowledge in their chosen specialty by initiating self-directed learning.

Learning Outcomes

Student Learning Outcomes are defined in terms of the knowledge, skills, and abilities that students will know and be able to do as a result of completing a program. These student learning outcomes are directly linked to the accomplishment of the program goals.

The graduates of the MS and PhD programs in Biomedical Engineering will either be capable of the following or possess the following attributes:

1. Conceiving, designing, analyzing, and implementing systems, processes and experiments related to improving human health and healthcare.
2. Functioning in multidisciplinary teams to find effective solutions to complex technical problems and/or the design of new products and processes to improve human health and health care.
3. Using modern analytical, simulation, and diagnostic tools and techniques used in healthcare industry.
4. In-depth and up-to-date knowledge within a specialized field in Biomedical Engineering.
5. An understanding of ethical and professional responsibility
6. To effectively communicate their findings/ideas to a technical and non-technical audience

The prescribed outcomes of the MSBME are met through the curriculum followed by the students.

Description and justification of the request

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.

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.
2. Modifying core course requirements for the program. | To align admission requirements with national norms for BMEG programs.
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.

	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>
BMEGPH	Effective Catalog Year	Summer 2014	Fall 2018
	User ID:		kbalacha
	Phone:		5-3376
	Type of proposal		Major/Field of Study
	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 Focused Study)
	Track(s) - Action		Action
	Focused Stud(y/ies) - Action		Action
	Program Delivery Method		On Campus
	Is this program interdisciplinary?	No	Yes
	College(s)/School(s)		ENGR
	What are the total hours needed to complete the program?		72
	Are Similar Programs available in the area?		No
	Estimated Student Demand for Program		50
	Scheduled Program Review Date		2018-2019

<p>Program Goals and Objectives</p>	<p>Program goals are broad general statements of what the program intends to accomplish and describes what a student will be able to do after completing the program. The program goals are linked to the mission of the university and the new strategic plan of the College of Engineering (COE).</p> <p>Accordingly, the program goals of the MS and PhD programs in Biomedical Engineering at the University of Arkansas, Fayetteville are to produce graduates that are capable of:</p> <ol style="list-style-type: none"> 1. Succeeding in practice at the interface between life science and engineering, or in other professional activities, or in post-master's or Ph.D. studies. 2. Utilizing their advanced engineering education in creating new knowledge or enabling technologies for improvement of human health and healthcare. 3. Continuously upgrading their knowledge in their chosen specialty by initiating self-directed learning.
<p>Learning Outcomes</p>	<p>Student Learning Outcomes are defined in terms of the knowledge, skills, and abilities that students will know and be able to do as a result of completing a program. These student learning outcomes are directly linked to the accomplishment of the program goals.</p> <p>The graduates of the MS and PhD programs in Biomedical Engineering will either be capable of the following or possess the following attributes:</p> <ol style="list-style-type: none"> 1. Conceiving, designing, analyzing, and implementing systems, processes and experiments related to improving human health and healthcare. 2. Functioning in multidisciplinary teams to find effective solutions to complex technical problems and/or the design of new products and processes to improve human health and health care. 3. Using modern analytical, simulation, and diagnostic tools and techniques used in healthcare industry. 4. In-depth and up-to-date knowledge within a specialized field in Biomedical Engineering. 5. An understanding of ethical and professional responsibility 6. To effectively communicate their findings/ideas to a technical and non-technical audience <p>The prescribed outcomes of the MSBME are met through the curriculum followed by the students.</p>

	Description and justification of the request		<p>1. Modifying admission requirements for students entering with a non-Engineering degree. The requested changes are to streamline our program's admission and degree requirements with those of comparable programs in the nation.</p> <p>2. Modifying core course requirements for the program. The requested changes are to streamline our program's admission and degree requirements with those of comparable programs in the nation.</p> <p>3. Specifying the minimum number of 5000 level courses required in the program The requested changes are to streamline our program's admission and degree requirements with those of comparable programs in the nation.</p>
	Reviewer Comments		<p>pkoski - Tue, 14 Feb 2017 20:09:14 GMT - Rollback: Please list the changes in the section on description of changes.</p> <p>ndennis - Tue, 14 Feb 2017 21:43:53 GMT - Rollback: Please list the changes you are making in the Description and Justification for change section.</p> <p>ndennis - Fri, 17 Feb 2017 14:45:19 GMT - Added minimum credit hours for 5000 level courses.</p> <p>ndennis - Fri, 24 Feb 2017 18:49:26 GMT - Modified the statement referring to 5000 level coursework to comply with ADHE requirements.</p> <p>agriffin - Mon, 27 Feb 2017 16:32:13 GMT - Updated program review date.</p> <p>lkulcza - Wed, 08 Mar 2017 17:59:27 GMT - Rollback: Are we in agreement that the effective date for these updates need to be Fall 2018?</p> <p>agriffin - Fri, 10 Mar 2017 21:12:18 GMT - Due to approval timeline, changed effective date to fall 2018.</p> <p>rossetti - Tue, 12 Sep 2017 18:22:10 GMT - Rollback: The EAPC suggests looking at the number of hours past the masters that would be in BMEG</p> <p>rossetti - Thu, 02 Nov 2017 18:41:14 GMT - Rollback: To make requested changes</p> <p>ndennis - Tue, 07 Nov 2017 22:42:44 GMT - added total hours required for the degree.</p>
CLCSMA	Effective Catalog Year	Summer 2014	Fall 2018
	User ID:		Irestr
	Phone:		5757580
	Type of proposal		Major/Field of Study
	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 Focused Study)
	Track(s) - Action		Action
	Focused Stud(y/ies) - Action		Action
	Program Delivery Method		On Campus
	Is this program interdisciplinary?	No	Yes
	College(s)/School(s)		ARSC
	What are the total hours needed to complete the program?		36
	Are Similar Programs available in the area?		No

Estimated Student Demand for Program	10
Scheduled Program Review Date	2019-2020
Program Goals and Objectives	To prepare students in advanced studies in literary and cultural studies from a global perspective
Learning Outcomes	Advanced competence in two literary and cultural traditions, literary analysis training, advanced critical thinking and writing skills, preparation for world languages teaching and doctoral studies in literature and cultural studies
Description and justification of the request	Resubmitting after a complete catalog description revision. Edited text for clarity and current usage, specified language proficiency, application process and documents (added cv request). No extra hours or course requirements changes. Added policy to allow presenting theses in a language other than English with proper justification and outlining program and graduate school approval process.(see attached justification) Students had difficulty with previous catalog description for lack of program description clarity. secondly, we added a language policy that would allow students to present theses in languages other than English, with proper justification and following criteria of peer programs in world languages and literatures
Upload attachments	CLCS Thesis Dissertations in Target Language Petition.doc
Reviewer Comments	<p>agriffin - Mon, 13 Feb 2017 18:25:40 GMT - Deleted duplicate sentence in catalog copy with permission from submitter.</p> <p>lkulcza - Thu, 16 Feb 2017 21:16:24 GMT - Admin correction of typo</p> <p>lkulcza - Thu, 16 Feb 2017 21:18:01 GMT - Admin correction of second typo.</p> <p>rcc003 - Mon, 06 Mar 2017 21:04:36 GMT - grammar corrections.</p> <p>rcc003 - Mon, 06 Mar 2017 21:10:51 GMT - more grammar.</p> <p>agriffin - Tue, 09 May 2017 21:39:21 GMT - Changed effective catalog to fall 2018. Request did not complete the approval process in time to be effective for fall 2017. Also, changed scheduled program review date to match APS 1620.11 policy - Program Review Schedule for 2019-2020.</p> <p>agriffin - Thu, 13 Jul 2017 18:42:05 GMT - Rollback: Rolled back per request from program director.</p> <p>rcc003 - Tue, 26 Sep 2017 17:13:15 GMT - syntax</p> <p>rcc003 - Tue, 26 Sep 2017 17:19:47 GMT - additional syntax</p> <p>lkulcza - Wed, 27 Sep 2017 15:23:12 GMT - Edited out information that will be updated via catalog (CAT) edits, when Charlie sends out the OK to begin making updates.</p> <p>agriffin - Fri, 27 Oct 2017 20:50:15 GMT - Jared Pack moved and Kathleen Lehman seconded, approved to delete the following phrase from item 5: "and at the time of submitting the thesis prospectus to the respective committee." Luis Restrepo approved the motion as well.</p>

CLCSPH	Effective Catalog Year	Summer 2014	Fall 2018
	User ID:		Irestr
	Phone:		575 7580
	Type of proposal		Major/Field of Study
	Select a reason for this modification		Changing Name of Existing Certificate, Degree, Major, Option or Organizational Unit—(LON 1)
	Are you adding a concentration?	No	Yes
	Concentration(s):		EDT WLAL World Languages and Applied Linguistics ADD HISP Interdisciplinary Hispanic Studies ADD LTTR Literary Translation ADD CULS Cultural Studies ADD CLIT Comparative Literature
	Track(s) - Action		Action
	Focused Stud(y/ies) - Action		Action
	Program Delivery Method		On Campus
	Is this program interdisciplinary?	No	Yes
	College(s)/School(s)		ARSC EDUC
	Does this proposal impact any courses from another College/School?	No	Yes
	College(s)/School(s)		EDUC
	What are the total hours needed to complete the program?		84
	Are Similar Programs available in the area?		No
	Estimated Student Demand for Program		5
	Scheduled Program Review Date		2019-2020
	Program Goals and Objectives		To train advanced researchers and instructors in world languages, literatures and cultures
	Learning Outcomes		Advanced competence in two or more world literary and cultural traditions for advanced research and teaching

	<p>Description and justification of the request</p>	<p>1. Edited program requirements for clarification and current language utilized in the discipline clarification and currency of program description</p> <p>2. New title for Modern Languages concentration LON 1 attached. Changed to World Languages and Applied Linguistics. new faculty in this field, job openings</p> <p>3. Coursework in applied linguistics added, refocusing of the world languages concentration to reflect training in second language acquisition pedagogy, building on new faculty expertise and job market needs for faculty conversant both in language acquisition and literary studies. LON 11c attached. interdisciplinary collaboration opportunities</p> <p>4. Redistributed hour requirements in all the concentrations, to ensure program consistency, including 9 hours of world literatures and cultures, to align coursework and candidacy exam and to reflect the global focus of all concentrations in the doctoral program. No additional hours required. a balanced curriculum for each concentration</p> <p>5. Added reading of a second world language proficiency requirement to all concentrations for program consistency and commensurate for an advanced degree in comparative literature and cultural studies. as peer institutions requirements</p> <p>6. Added policy to allow presenting dissertations in languages other than English with proper justification with program and dean approval. Rationale attached. as some peer institutions do in program centered on language study</p>
	<p>Upload attachments</p>	<p>CSCLPH Concentrations Approval - ADHE 2002.pdf CSCLPH Concentrations Approval - BOT 2002.pdf CLCSPH - Revision - Ltr of Notification.docx CLCS Thesis Dissertations in Target Language Petition.doc CLCSPH - Name Change for Concentration - Ltr of Notification.docx</p>

	Reviewer Comments		<p>agriffin - Tue, 07 Mar 2017 21:32:56 GMT - Changed effective catalog year to fall 2018. It is too late to complete the approval process in time for fall 2017. Also changed the name of the proposed concentration per email directions (see attached correspondence).</p> <p>agriffin - Fri, 10 Mar 2017 21:44:53 GMT - The four added concentrations were approved in 2002. Inserting them into CourseLeaf in order to assist with documenting them.</p> <p>rcc003 - Mon, 13 Mar 2017 19:53:33 GMT - grammar and changed "foreign" language to "world" language.</p> <p>rcc003 - Mon, 13 Mar 2017 19:54:28 GMT - spelling</p> <p>agriffin - Mon, 13 Mar 2017 20:05:27 GMT - Minor edits to catalog copy and proposed program codes for concentrations.</p> <p>agriffin - Wed, 14 Jun 2017 20:53:44 GMT - Rollback: Rolled back for program to make desired edits.</p> <p>lkulcza - Mon, 11 Sep 2017 20:20:28 GMT - Rollback: testing workflow emails</p> <p>lkulcza - Mon, 11 Sep 2017 20:44:38 GMT - Rollback: testing workflow emails again</p> <p>agriffin - Wed, 13 Sep 2017 19:30:19 GMT - Minor edits to description to clarify the new name of the Modern Languages concentration. Changed track to concentration in description 3.</p> <p>agriffin - Thu, 14 Sep 2017 17:10:41 GMT - Edited catalog copy with feedback from submitter.</p> <p>agriffin - Thu, 14 Sep 2017 17:15:44 GMT - Additional minor edit in consultation with submitter.</p> <p>agriffin - Thu, 14 Sep 2017 17:17:57 GMT - Uploaded revised copy of the LON 11c in consultation with submitter.</p> <p>agriffin - Thu, 14 Sep 2017 17:32:29 GMT - Revised LON 1 for formatting and inserted approval dates. Renamed both LONs to match naming convention required for BOT documentation.</p> <p>rcc003 - Tue, 26 Sep 2017 17:25:57 GMT - syntax</p> <p>lkulcza - Wed, 27 Sep 2017 16:12:14 GMT - Admin edit of information that will be updated via catalog (CAT) edits, when Charlie sends out the OK to begin making updates.</p> <p>agriffin - Fri, 10 Nov 2017 15:46:27 GMT - ADHE updated format to LON 1. Updates did not impact any information provided by college. Revised LON 1 (no changes to LON 11c) and uploaded copy.</p> <p>agriffin - Fri, 17 Nov 2017 22:01:08 GMT - Updates to the dissertation language proposal was made at UCPC and approved.</p> <p>agriffin - Mon, 20 Nov 2017 16:27:56 GMT - Minor edit to fix typo in justification #5.</p> <p>agriffin - Mon, 20 Nov 2017 20:38:39 GMT - ADHE updated templates. Revised LON 1 and uploaded copy. The revisions did not impact any information provided by the college.</p> <p>agriffin - Mon, 20 Nov 2017 20:39:52 GMT - Cleared cache and history, 2nd attempt to upload revised LON.</p>
CYBRGC		Added	
ENDYPH	Effective Catalog Year	Fall 2017	Fall 2018
	College/School Code	Fulbright College of Arts and Sciences(ARSC)	Graduate School and International Education(GRAD)

	Description and justification of the request	Added line that had been dropped accidentally.	This change involves moving from a "3 of 4" to an "all 4" model for the core courses. The change itself was requested by External Reviewers during our ADHE program assessment. It was approved by our administrative committee and is supported by Dean Needy. Added hours calculation to program changes. N/A
	Department Code	Department of Arts and Sciences Dean(ARSD)	Environmental Dynamics(ENDY)
	Track(s) - Action		Action
	Focused Stud(y/ies) - Action		Action
	What are the total hours needed to complete the program?		45
	Reviewer Comments		Ikulcza - Wed, 05 Jul 2017 20:55:21 GMT - Adjusted effective year to fall 2018. agriffin - Thu, 02 Nov 2017 20:01:09 GMT - Changed total hours for program from 33 to 45 with permission from program. Ikulcza - Mon, 20 Nov 2017 19:32:30 GMT - Admin update to move ownership of program to the Graduate School. ENDY was moved back in 2014 from ARSC to GRAD.
ENEGMS	Phone:	575-6731	575-7535
	Description and justification of the request	Removed BENG 4813 and 4822 as options--both courses are inactive.	The Department decided to drop the ABET accreditation for this program which removed the requirement for the completion of deficiency courses. Thus we must update the catalog description to assure student awareness of the changes The previous version of this program was open to students from non-engineering programs. This version of the program is intended for students possessing a Bachelor of Science in Engineering Degree.
	Description and Justification for this request	Removed BENG 4813 and 4822 as options--both courses are inactive.	
	Effective Catalog Year	Summer 2014	Fall 2018
	Program Goals and Objectives	NA	The goal of the M.S.En.E. program is to prepare graduates for careers in environmental engineering practice with government agencies, engineering firms, or industries and to provide a foundation for continued study at the post-masters level.\n\nThe objectives of the M.S.En.E. program are to provide a greater depth of understanding of environmental engineering topics for the practice of engineering and to serve as preparation for doctoral studies. Students are allowed a great deal of flexibility in designing their course of study. Students desiring to develop a deeper understanding of one sub-discipline area may select courses solely concentrated in that area while those desiring a broader-based education may select courses from several sub-disciplines including courses from other disciplines.

	Learning Outcomes	NA	1. Apply knowledge of math, science, and engineering to solve advanced-level problems in environment engineering\n2. Locate and evaluate pertinent published literature relevant to a given topic, and apply the information gained to a design, analysis, or research effort\n3. Effectively communicate scientific and technical information in English, both in writing and oral forms\n4. Design and conduct experiments, and analyze and evaluate the resulting data \n5. Design a system, component, or process to meet a scientific or technological needs \n\n
	Track(s) - Action		Action
	Focused Stud(y/ies) - Action		Action
	What are the total hours needed to complete the program?		30
	Reviewer Comments		ndennis - Thu, 14 Sep 2017 14:19:26 GMT - Rollback: In the justification box you have described why you are doing this, however, you have not described what you are doing. Committees do not get to see this entire screen. they make decisions based on what shows up in the description of change in the justification box. Please summarize your changes in that box. What are the defacto pre-requisites needed to that the required 5000 level courses? ndennis - Fri, 13 Oct 2017 19:28:57 GMT - Modified introductory material agriffin - Fri, 13 Oct 2017 21:30:27 GMT - Changed effective catalog date from fall 2017 to fall 2018. agriffin - Fri, 13 Oct 2017 22:02:09 GMT - Minor edits to program requirements. Removed duplicate language. lkulcza - Mon, 16 Oct 2017 22:40:57 GMT - Edited information from the Program Requirements field that should be managed/edited in CAT. Emailed Rod Williams and Pat Koski with that information. ndennis - Wed, 08 Nov 2017 19:33:57 GMT - Added student learning outcomes
INEGPH	Effective Catalog Year	Summer 2014	Fall 2018
	User ID:		rossetti
	Phone:		479-575-3156
	Type of proposal		Major/Field of Study
	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 Focused Study)
	Track(s) - Action		Action
	Focused Stud(y/ies) - Action		Action
	Program Delivery Method		On Campus
	What are the total hours needed to complete the program?		54 beyond the Masters
	Are Similar Programs available in the area?		No
	Estimated Student Demand for Program		30
	Scheduled Program Review Date		2019-2020

Program Goals and Objectives	Prepare students for independent research in Industrial Engineering.\nPrepare students to contribute new knowledge of fundamental importance.\nContribute new knowledge of fundamental importance or significantly modify, amplify, or interpret existing knowledge in a new and important manner.
Learning Outcomes	Students will make satisfactory progress toward the degree, preparing for independent research to contribute new knowledge of fundamental importance to Industrial Engineering.\nStudents will be prepared for independent research in Industrial Engineering.\nStudents will be prepared to contribute new knowledge of fundamental importance to Industrial Engineering.\nStudents will contribute new knowledge of fundamental importance to Industrial Engineering or significantly modify, amplify or interpret existing knowledge in a new and important manner.\nStudents will be able to communicate effectively.
Description and justification of the request	Adding the requirement of an additional Qualifier Exam for PhD students. Student progress needs monitoring earlier in the program (prior to the required candidacy exam).
Upload attachments	INEGPH - Correspondence.pdf
Reviewer Comments	agriffin - Fri, 10 Nov 2017 18:40:50 GMT - Changed minimum hours from 42 to 54 beyond the master's degree with permission from college (see attached correspondence).