

CIM Report Sep 19, 2019 3:57pm

Program Changes Pending Approval from University Course and Program Committee

Code	Field	Old Value	New Value
AGBSBS	Effective Catalog Year	Fall 2018	Fall 2020
	Estimated Student Demand for Program	250	350
	Scheduled Program Review Date	2022	2022-2023
	Program Goals and Objectives	Program goals and objective remain unchanged.	To be the premier agricultural business and applied economics program in Arkansas, provide concentrations and specializations that are responsive to the needs of both students and industry stakeholders, and prepare students for success in the global marketplace.
	Learning Outcomes	Learning outcomes remain unchanged.	1. Understand the fundamental principles which describe how markets operate in an economy 2. Ability to comprehend and analyze firm-level problems using basic economic principles, particularly those problems of businesses in the agricultural sector 3. Have the necessary written and oral communication skills to explain economics concepts 4. Have a working understanding of basic quantitative analysis tools and an ability to analyze data 5. Understand the impacts of government policies and general economic conditions on firms, markets and institutions 6. Be prepared for work in agribusiness or for a program of graduate/professional education.
	Description and justification of the request	Admin update for courses not found. Admin update for courses not found.	We are creating a new course AGEC 4243: Agribusiness Strategy and adding this course to our Management Block options. Our undergraduate program has experienced tremendous growth over the past 10 years and we are experiencing large class sizes in our upper division courses. Students majoring in AGBS much choose two courses from three blocks (Policy, Marketing, and Management Blocks). The Management Block in particular represents a chronic bottleneck for our program. Adding the new course AGEC 4243: Agribusiness Strategy to our Management Block would increase our number of choices in this block from 4 courses to 5. The plan is to offer this course during the spring semester which also helps us balance our offerings across the Blocks.

	Reviewer Comments		<p>agriffin - Fri, 01 Mar 2019 15:13:27 GMT - Inserted program goals and student learning outcomes from departments 2017-2018 assessment report.</p> <p>agriffin - Fri, 01 Mar 2019 15:14:51 GMT - Added 2023 to scheduled program review date in order to clarify which academic year the review will take place.</p> <p>agriffin - Fri, 01 Mar 2019 15:19:01 GMT - Adjusted format of new course AGECE 4243 so that "new course" language would not be included in the catalog copy. Course has been submitted into the approval process.</p> <p>agriffin - Fri, 01 Mar 2019 22:53:44 GMT - Labeled the three options as the policy group, the marketing group, and the management group with permission from the submitter.</p> <p>lkulcza - Fri, 07 Jun 2019 17:39:14 GMT - Course "not found" in approval process for 2020.</p>
AGBSBS-ABMM	User ID:	lkulcza	nkemper
	Phone:	7456	xxxx
	Effective Catalog Year	Fall 2018	Fall 2020
	Estimated Student Demand for Program	200	300

Description and justification of the request	Admin update for courses not found. Admin update for courses not found.	<p>1. AGECE 4243: We are creating a new course AGECE 4243: Agribusiness Strategy and adding this course to our Management Block options. \n\n2. STAT 2303: The addition of STAT 2303 as the third option for students to fulfill their MATH/STATS requirement in our program. If this change goes through, our students would then be able to choose 3 hours from the following: AGECE 2403, WCOB 1033, or STAT 2303. AGECE 4243: Our undergraduate program has experienced tremendous growth over the past 10 years and we are experiencing large class sizes in our upper division courses. Students majoring in AGBS must choose two courses from three blocks (Policy, Marketing, and Management Blocks). The Management Block in particular represents a chronic bottleneck for our program. Adding the new course AGECE 4243: Agribusiness Strategy to our Management Block would increase our number of choices in this block from 4 courses to 5. The plan is to offer this course during the spring semester which also helps us balance our offerings across the Blocks. \n\nSTAT 2303: For years, we have allowed students to also enroll in STAT 2303 and we would provide course substitutions. At our last faculty meeting, we voted to formally adopt STAT 2303 as the third option in our list. This change has the potential to impact the enrollment for STAT 2303. We typically run approximately 50-60 students through our AGECE 2403 each fall semester. We suspect that most of the demand for STAT 2303 would be experienced in the spring semester when we do not traditionally offer AGECE 2403. We currently are offering AGECE 2403 this spring but do not have the resources to continue offering the course by next spring. The current enrollment is 46 students. Our department reached out to the MATH department to inquire about this planned program change and we received positive feedback from Dr. Mark Johnson (email chain attached).</p>
Upload attachments		STAT 2303 Email Mark Johnson.pdf
Reviewer Comments		<p>agriffin - Fri, 01 Mar 2019 15:25:36 GMT - Changed formatting of AGECE 4243 in order to remove "new course" language from catalog copy. agriffin - Fri, 01 Mar 2019 15:26:07 GMT - AGECE 4243 has been submitted into approval workflow. agriffin - Fri, 01 Mar 2019 22:39:57 GMT - Changed general elective to general electives through 8 SDCP with permission from submitter. agriffin - Fri, 01 Mar 2019 22:42:36 GMT - Changed the term specialization to concentration electives in 8 SDCP with permission from submitter. lkulcza - Fri, 07 Jun 2019 17:20:59 GMT - Course "not found" in approval process for 2020.</p>
AGBSBS-AGECE	Effective Catalog Year	Fall 2018
	Is this program interdisciplinary?	Yes
		No

	College(s)/School(s)	ARSC WCOB	
	Does this proposal impact any courses from another College/School?	No	Yes
	What are the total hours needed to complete the program?	na	120
	Description and justification of the request	Admin update for courses not found. Admin update for courses not found.	The addition of STAT 2303 as an additional option for students to fulfill their MATH/STATS requirement in our program. For years, we have allowed students to also enroll in STAT 2303 and we would provide course substitutions. At our last faculty meeting, we voted to formally adopt STAT 2303 as an official option. This change has potential impact on the enrollment for STAT 2303. We typically run approximately 50-60 students through our AGEC 2403 each fall semester. We suspect that most of the demand for STAT 2303 would be experienced in the spring semester when we do not traditionally offer AGEC 2403. We currently are offering AGEC 2403 this spring but do not have the resources to continue offering the course by next spring. The current enrollment is 46 students. Our department reached out to the MATH department to inquire about this planned program change and we received positive feedback from Dr. Mark Johnson (email chain attached).\n
	College(s)/School(s)	ARSC WCOB	
	Upload attachments		STAT 2303 Email Mark Johnson.pdf
	Reviewer Comments		agriffin - Fri, 01 Mar 2019 19:15:10 GMT - Changed na to 120 in the total hours field. agriffin - Fri, 01 Mar 2019 22:46:18 GMT - Changed elective to electives in 8 SDCP and change specialization to concentration in 8 SDCP with permission from submitter.
AGBSBS-PRLW	Effective Catalog Year	Fall 2018	Fall 2020
	Is this program interdisciplinary?	Yes	No
	College(s)/School(s)	ARSC WCOB	
	Does this proposal impact any courses from another College/School?	No	Yes

	Description and justification of the request	Admin update for courses not found. Admin update for courses not found.	The addition of STAT 2303 as an additional option for students to fulfill their MATH/STATS requirement in our program. For years, we have allowed students to also enroll in STAT 2303 and we would provide course substitutions. At our last faculty meeting, we voted to formally adopt STAT 2303 as an official option. This change has potential impact on the enrollment for STAT 2303. We typically run approximately 50-60 students through our AGECE 2403 each fall semester. We suspect that most of the demand for STAT 2303 would be experienced in the spring semester when we do not traditionally offer AGECE 2403. We currently are offering AGECE 2403 this spring but do not have the resources to continue offering the course by next spring. The current enrollment is 46 students. Our department reached out to the MATH department to inquire about this planned program change and we received positive feedback from Dr. Mark Johnson (email chain attached).
	College(s)/School(s)		ARSC WCOB
	Upload attachments		STAT 2303 Email Mark Johnson.pdf
	Reviewer Comments		agriffin - Fri, 01 Mar 2019 22:49:58 GMT - Changed elective to electives and changed specialization to concentration electives in the 8 semester plan with permission from submitter.
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

<p>Description and justification of the request</p>	<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"> 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. 	<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>
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	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
BRKDBS	Effective Catalog Year	Fall 2018	Fall 2020
	Program Title	Birth through Kindergarten, Bachelor of Science in Human Environmental Sciences	Birth through Kindergarten, Bachelor of Science in Human Environmental Science
	Scheduled Program Review Date	2021-2022	2019-2020

	Description and justification of the request	Removed the course HESC 1501 Issues and Trends in Human Environmental Sciences (1 credit). Added 1 hour to the general electives for the major. 1. The course content of HESC 1501 Issues and Trends in Human Environmental Sciences (1 credit) is not relevant to students studying birth through kindergarten education. It had previously been included because we believed that it was needed for school-level AAFCS accreditation. However, this has changed and the course is being dropped by other HESC majors. For these reasons we are removing it from the BRKD teacher licensure degree plan.	The following change will be made:\n\n1. CHANGED the course HDFS 4463 Administration and Leadership in the Helping Professions to HDFS 2463. \n\n2. UPDATED the fine print on the checksheet and in the catalogue to reflect current requirements.\n 1. The proposed change from HDFS 4463 to HDFS 2463 is sought for two reasons. First, changing the level of this course will allow us to propose a strong 2 x 2 agreement with the Northwest Arkansas Community College. This change will also better reflect the level at which the course content is taught.\n\n2. Small edits to the fine print of the BRKD-BS checksheet and catalog information were made to reflect recent changes to PRAXIS I and PRAXIS II requirements and to update and clarify information about progressing through the licensure program. \n
	Reviewer Comments	mrevans - Thu, 07 Sep 2017 13:52:13 GMT - Rollback: HDFS 4332 is missing lab and HDFS 2403 is missing lab. With the addition of these the B to K requirements will add up to 73.	agriffin - Wed, 06 Mar 2019 19:29:17 GMT - Changed scheduled program review date to match the CAEP accreditation review. agriffin - Wed, 06 Mar 2019 19:38:17 GMT - Changed effective date from fall 2019 to fall 2020. It is too late to complete the approval process in time for the fall 2019 catalog. agriffin - Wed, 06 Mar 2019 19:42:18 GMT - Course change for HDFS 4463 becoming HDFS 2463 has been submitted into the approval workflow. agriffin - Thu, 07 Mar 2019 14:47:57 GMT - Updated 8 semester plan with assistance from the submitter and program director. lrobert - Wed, 11 Sep 2019 13:34:19 GMT - Correcting the degree. It is a Bachelor of Science in Human Environmental Sciences
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. \n\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		
JOUR-M	Effective Catalog Year	Fall 2017	Fall 2020
	Description and justification of the request	Admin update of dept. name. Dept. changing name as of fall 2017.	Added the GSP requirement. Addresses accreditation/assessment recommendations and better fit how JOUR classes are taught.
LGST-M	User ID:	lkulcza	schreckw
	Phone:	7456	7695

Effective Catalog Year	Fall 2018	Fall 2020
Program Delivery Method	On Campus	On Campus Online/Web-based
Is this program interdisciplinary?	Yes	No
College(s)/School(s)	AFLS ARSC ENGR WCOB	
Does this proposal impact any courses from another College/School?	No	Yes
Estimated Student Demand for Program	There are currently roughly 150 students enrolled in the minor.	50
Description and justification of the request	Admin update to courses not found. Admin update to courses not found.	This is a proposal to create an option for students to complete a Minor in Legal Studies entirely online. Establishing an online version of the minor will serve several purposes. First, doing so will give students greater flexibility by allowing them another avenue by which to complete the minor, especially those students who are already pursuing an online major. Second, offering the minor online will allow students who are located outside of Fayetteville to complete the minor. A third reason has to do with departments' capacities to offer enough classes for the students in the minor. Demand for the minor's in-classes courses is high, with many students unable to register for the minor's classes until their senior year. Establishing an online minor will alleviate some of this demand by channeling the online minors to the existing online classes. Moreover, offering the minor online will also help to fill the courses that are already offered online.
College(s)/School(s)		AFLS ENGR
Reason for offering Web-based Program		Establishing an online version of the minor will serve several purposes. First, doing so will give students greater flexibility by allowing them another avenue by which to complete the minor, especially those students who are already pursuing an online major. Second, offering the minor online will allow students who are located outside of Fayetteville to complete the minor. A third reason has to do with departments' capacities to offer enough classes for the students in the minor. Demand for the minor's in-classes courses is high, with many students unable to register for the minor's classes until their senior year. Establishing an online minor will alleviate some of this demand by channeling the online minors to the existing online classes. Moreover, offering the minor online will also help to fill the courses that are already offered online.
Maximum Class Size for Web-based Courses		30
Course delivery mode		online
Class interaction mode		bulletin
Percent Online		100% with No Required Campus Component

	Provide a List of Services Supplied by Consortia Partners or Outsourced Organization		N/A
	Estimate Costs of the Program over the First 3 Years		N/A
	List Courses Taught by Adjunct Faculty		Agricultural Law I Media Law (Sp, Fa) Law and Ethics
	Reviewer Comments		agriffin - Wed, 17 Apr 2019 21:23:22 GMT - Lisa, please remove the ADE Licensure Approval from the approval workflow. This program is not a licensure program. Thank you. agriffin - Wed, 17 Apr 2019 21:24:41 GMT - Changes to minors, including online offering, is no longer required to receive ADHE approval. The approval workflow will follow the minor changes workflow requiring only campus approval.
MATH-M	User ID:	mattclay	markj
	Phone:	575-5195	575-3351
	Effective Catalog Year	Fall 2019	Fall 2020
	Description and justification of the request	Require grade of C or better in each of the five required courses for the minor. As there are relatively few courses required for the minor, to be awarded a minor in the field, students should be expected to achieve a certain degree of proficiency in these courses. A grade below C is usually not considered satisfactory mastery of the basic content material.	Added MATH 3583 as optional course in the required sequence. MATH 3583 is a new course to the program, that is of particular interest to science and engineering majors. This change makes the math minor more easily attainable for this group of students.
	Reviewer Comments	agriffin - Mon, 02 Apr 2018 14:37:15 GMT - Changed effective date to fall 2019. It is too late to complete the approval process in time for the fall 2018 catalog. agriffin - Mon, 02 Apr 2018 15:04:55 GMT - Inserted the following statement into program requirements (per the submitter). agriffin - Mon, 02 Apr 2018 15:12:42 GMT - A grade of C or better in the following courses:	
NUEDGC		Added	
NURSMS-EXLD		Inactivated/Deleted	
PHEDBS	Select a reason for this modification	Reconfiguring an Existing Degree—(LON)	Making Minor Changes to an Existing Degree (e.g. changing 15 or fewer hours, changing admission/graduation requirements, adding/ changing Focused Study or Track)
	Effective Catalog Year	Fall 2019	Fall 2020
	Description and justification of the request	Adds EXSC 3013 as an option for students in place of EXSC 3353. EXSC 3013 was approved by the registrar in December 2017. Adding EXSC 3013 as an option will allow for students to learn similar material in a different manner.	Students are required to have a 2.7 GPA at the completion of all coursework (Graduation). This requirement was removed. The 2.7 graduation GPA was removed because program faculty did not want to impede a students graduation if they fell below the 2.7 GPA after completing 120 hours of coursework. In the internship, students typically exceed the 2.7 GPA requirement.
	Upload attachments	ADE Email Regarding Required Documentation for Program Split.pdf KINSBS - Reconfig - Ltr of Notification.docx KINSBS - Reconfig - Curriculum.docx KINSBS - Deletion - Ltr of Notification.docx	

	Reviewer Comments	<p>kmamisei - Sat, 10 Feb 2018 18:34:50 GMT - Rollback: Rolling back per request from Steve.</p> <p>kmamisei - Wed, 26 Sep 2018 14:10:55 GMT - Rollback: Add responses to questions 9, 10, and 17 in the LON.</p> <p>agriffin - Thu, 04 Oct 2018 15:40:08 GMT - In program requirements, changed language from old program title/concentration to the proposed program title. Also, swapped KINS courses for PHED courses in fall of second and third years, PHED 3223 and PHED 3163 in eight semester plan.</p> <p>agriffin - Mon, 08 Oct 2018 19:42:19 GMT - Inserted program goals and student learning outcomes from the 2018 assessment report. Department is encouraged to review and make appropriate edits.</p> <p>agriffin - Mon, 08 Oct 2018 19:46:41 GMT - Added degree title to program title to be consistent with the Office of the Registrar's naming convention.</p> <p>agriffin - Mon, 08 Oct 2018 19:57:53 GMT - Inserted revised LON to match BOT formatting and naming convention.</p> <p>agriffin - Thu, 11 Oct 2018 13:29:56 GMT - Uploading revised listing of curriculum.</p> <p>agriffin - Fri, 12 Oct 2018 14:08:22 GMT - Inserted LON 5 so that the documentation related to the reconfiguration for the KINSBS would be complete.</p> <p>kmamisei - Mon, 05 Nov 2018 16:03:22 GMT - The following changes were made in the 8-semester plan per request from the College Curriculum Committee: Move PHED 3033 to Spring 3rd year Move PHED 3413 to Spring 3rd year Move CIED 3033 to Fall 3rd year Move CNED 4003 or CNED 3053 to Fall 4th year</p> <p>agriffin - Tue, 06 Nov 2018 15:54:58 GMT - Updated LON 5 for deletion to include the ADHE degree code.</p> <p>calison - Thu, 23 May 2019 14:58:54 GMT - Realigned required courses to make their hours add to the total.</p>	<p>lkulcza - Wed, 28 Aug 2019 21:02:54 GMT - Added hyperlink for the Office of Teacher Education.</p>
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	<p>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.</p>

	Learning Outcomes	NA	<p>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.</p>
	Description and justification of the request	Admin update for courses not found. Admin update for courses not found.	<p>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.</p>
	Reviewer Comments		<p>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</p>