

CIM Report Sep 29, 2020 9:35am

Program Changes Pending Approval from Faculty Senate

Code	Field	Old Value	New Value
BECA-M			Added
CVEGBS	User ID:	crsleaf1	kdhall
	Phone:	575-6731	479-640-2525
	Effective Catalog Year	Fall 2019	Fall 2021
	Estimated Student Demand for Program	260	300
	Learning Outcomes	<p>a) Apply knowledge of mathematics and science to solve engineering problems.</p> <p>b) Design and conduct experiments, and analyze and evaluate the resulting data.</p> <p>c) Design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and constructability.</p> <p>d) Function effectively as a member of a multidisciplinary team.</p> <p>e) Identify, formulate, and solve engineering problems.</p> <p>f) Identify key elements of professional ethics; discuss the importance of professional licensure.</p> <p>g) Organize and deliver effective communications.</p> <p>h) Explain possible impacts of engineering solutions on the economy, environment, political landscape, and society.</p> <p>i) Discuss the need for life-long learning, and demonstrate the ability to learn through independent study.</p> <p>j) Explain the impact of contemporary issues on the identification, formulation, and solution of engineering problems.</p> <p>k) Apply relevant knowledge, techniques, skills, and modern engineering tools to address engineering problems.</p>	<p>1. Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics</p> <p>2. apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, societal, environmental, and economic factors</p> <p>3. communicate effectively with a range of audiences</p> <p>4. recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts</p> <p>5. function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives</p> <p>6. develop and conduct appropriate experiments, analyze and interpret data, and use engineering judgment to draw conclusions</p> <p>7. acquire and apply new knowledge as needed, using appropriate learning strategies</p>

	Description and justification of the request	Minor change in course structure i.e. CVEG 2015 was split into CVEG 2013 and CVEG 2023. CVEG 2002 and CVEG 2851 were moved into different semesters. CVEG 3133 was changed to CVEG 3132 to stay below max hours cap of 128 Semester sequence was changed to balance per semester class loads and accommodate minor pre and corequisite requirement changes	1. Specify allowable elective courses in the arts, humanities, and social sciences so that all requirements related to both the UA General Education Curriculum and the Arkansas State Minimum Core are met.\n\n2. Revise program learning outcomes to reflect those adopted by the program faculty, to comply with external (ABET) accreditation requirements - which underwent major revision for the 2019-20 academic year. 1. The University of Arkansas is implementing a new General Education Curriculum beginning with the 2020-21 academic year; this new General Education Curriculum contains a series of learning outcomes, which are satisfied by approved courses (or sequences of courses). The change to the listing(s) of allowable elective courses in the arts, humanities, and social sciences provides each student the ability to meet all General Education learning outcomes - while continuing to satisfy Arkansas State Minimum Core requirements.\n\n2. The external accreditation of this program is provided by ABET. Program learning outcomes required in the ABET criteria underwent significant change in 2019. The new CVEG program learning outcomes reflect the revised ABET criteria.
	Reviewer Comments	ndennis - Thu, 21 Feb 2019 15:11:15 GMT - Rollback: per your request agriffin - Thu, 21 Feb 2019 17:40:46 GMT - Entered credit hours for CVEG 3132 in order for program requirements to total correctly. agriffin - Thu, 21 Feb 2019 17:44:29 GMT - Including the co-requisite lab. Department is encouraged to review the third-year spring semester, to assure that information was updated as intended. agriffin - Thu, 21 Feb 2019 17:48:01 GMT - Verified that CVEG 3132 is currently included in the approval workflow in Course Management. Department is encouraged to update the co-requisite from 3133 to 3132 for CVEG 3131L. agriffin - Fri, 01 Mar 2019 14:39:42 GMT - Effective fall 2019 pending successful completion of the approval process.	ndennis - Thu, 23 Apr 2020 17:47:00 GMT - Rollback: Can you annotate next to specific courses which Gen Ed outcome it satisfies, e.g. ENGL 1013, Gen Ed 1.1. Based on previous comments by Alice it seems to be better to make a statement like "Choose a a social science elective that meets Gen Ed outcomes 3.2 and 5.1" with a footnote to a statement outside the eight semester plan showing the list of courses that currently meet that requirement. This would be in lieu of listing them in the eight semester plane. Theoretically this would prevent us from making a major program change if the list changes. agriffin - Fri, 08 May 2020 18:40:46 GMT - Added statement to program requirements regarding the 40 hour rule with permission from the college dean's office. calison - Tue, 02 Jun 2020 14:16:43 GMT - Updated "university core" and link to "state minimum core" rossetti - Mon, 24 Aug 2020 20:08:53 GMT - Rollback: update footnotes agriffin - Mon, 24 Aug 2020 21:56:22 GMT - Revised footnotes to include a clearer statement for learning outcome 2.1 with approval from Gen Ed and Core Curriculum Committee Chair. As a result, renumbered each footnote. Also inserted into footnotes the additional courses approved later in the spring. Renamed Social Science to Social Sciences to match domain area in State Minimum Core.
ELEGBS	User ID:	crsleaf1	rsaunder
	Effective Catalog Year	Fall 2018	Fall 2021
	Does this proposal impact any courses from another College/School?	No	Yes

	Description and justification of the request	Adding INEG 2413, Engineering Economic Analysis as an Engineering Science/Technical Elective. This change was approved by the ELEG faculty in a recent faculty meeting to give students an additional option for electives.	Updating general education requirements To comply with University policy
	Reviewer Comments	<p>agriffin - Sat, 28 Oct 2017 20:29:03 GMT - Changed effective catalog date from spring 2018 to fall 2018. Program changes go into effect at the beginning of the catalog term, not mid-year. Hyper-linked INEG 2413 in eight semester plan. Added 2021 to program review information.</p> <p>lkulcza - Fri, 03 Nov 2017 21:10:11 GMT - Per discussion with dean's office, removed references to CHEM for Engineers courses, which are no longer active. It is still the college's intent for those courses to meet degree requirements, for all students who previously took them instead of University Chem I/II.</p>	<p>ndennis - Tue, 10 Mar 2020 17:52:17 GMT - Rollback: Per your request.</p> <p>ndennis - Sun, 22 Mar 2020 21:46:49 GMT - Rollback: Please identify in the footnotes the actual Gen Ed outcome(s) that will be satisfied by taking a course from the provided list.</p> <p>agriffin - Fri, 03 Apr 2020 20:20:45 GMT - Rollback: Please change response to the question regarding the proposal impacting another college. Since ENGL 1033 is required, it will impact Fulbright College. Also change the effective date to fall 2021. It is too late to complete approval for fall 2020. In addition, please review and edit the footnotes to identify curriculum for learning outcomes 4.2, 5.1, and 6.1.</p> <p>ndennis - Thu, 23 Apr 2020 14:20:02 GMT - Modified the verbiage describing student learning outcomes.</p> <p>agriffin - Mon, 04 May 2020 20:18:02 GMT - Changed effective date from fall 2020 to fall 2021.</p> <p>agriffin - Mon, 04 May 2020 20:52:22 GMT - Adjusted formatting to eight semester plan to meet catalog formatting guidelines. Adjusted letter reference to number reference for footnotes. Removed course titles and hyper-linked all courses for reference. College is encouraged to review for accuracy.</p> <p>lkulcza - Tue, 05 May 2020 21:01:30 GMT - Rollback: Per Alice's request.</p> <p>agriffin - Wed, 06 May 2020 18:03:29 GMT - Revised formatting of the eight semester degree plan to provide consistency with the General Education curriculum language. Also removed course titles in footnotes and hyper-linked courses for access to course details.</p> <p>agriffin - Fri, 08 May 2020 16:57:42 GMT - Added blanket statement regarding the 40 hour rule in the bottom paragraph with permission from college dean's office.</p> <p>rossetti - Mon, 24 Aug 2020 20:09:29 GMT - Rollback: update footnotes</p> <p>agriffin - Mon, 24 Aug 2020 22:16:11 GMT - Revised footnotes to include a clearer statement for learning outcome 2.1 with approval from Gen Ed and Core Curriculum Committee Chair. As a result, renumbered each footnote. Also inserted into footnotes the additional courses approved later in the spring. Renamed Social Science to Social Sciences to match domain area in State Minimum Core.</p>
	College(s)/School(s)		ARSC
HRWD-M		Added	
INEGBS	User ID:	calison	tellenbe
	Effective Catalog Year	Fall 2019	Fall 2021
	Does this proposal impact any courses from another College/School?	No	Yes

	Description and justification of the request	Minor typo of "selection" that needed to be "select" Correcting word.	Remove CSCE 2004.\\nRemove ELEG 3903.\\nMove INEG 2413 to semester 4.\\nMove MEEG 2303 to semester 5.\\nAdd INEG 2214 (new course) to semester 3.\\nAdd INEG 2223 (new course) to semester 4.\\nRequirements associated with English, social sciences, fine arts, and humanities were adjusted to conform to the university's new General Education learning outcomes. Based on stakeholder input from industry and students, the IE faculty decided that an increase emphasis in computing was needed within the degree program. To achieve this, two computing courses (INEG 2214 and INEG 2223) have been created and added to the program. This addition alleviates the need for IE students to take CSCE 2004. ELEG 3903 was removed to make room in the curriculum for an extra computing course and based on input from practicing industrial engineers on their career usage of that material. The movement of classes between semesters is to balance the course load for students.
	College(s)/School(s)		ARSC
	Reviewer Comments		<p>agriffin - Wed, 25 Mar 2020 20:38:11 GMT - Changed effective date to fall 2021. It is too late to complete the approval process for fall 2020.</p> <p>agriffin - Fri, 03 Apr 2020 17:28:11 GMT - Rollback: Please change response to the question regarding the proposal impacting another college. Since ENGL 1033 is required, it will impact Fulbright College. You may also add PSYC 2003 to footnote 8, since it is recommended for INEGBS students.</p> <p>agriffin - Thu, 07 May 2020 20:47:19 GMT - Revised formatting of the eight semester degree plan to provide consistency with the General Education curriculum language.</p> <p>agriffin - Fri, 08 May 2020 17:04:29 GMT - Added blanket statement regarding the 40 hour rule in the introductory paragraph above the eight semester plan with permission from college dean's office.</p> <p>rossetti - Mon, 24 Aug 2020 20:09:15 GMT - Rollback: update footnotes</p> <p>agriffin - Tue, 25 Aug 2020 14:43:34 GMT - Revised footnotes to include a clearer statement for learning outcome 2.1 with approval from Gen Ed and Core Curriculum Committee Chair. As a result, renumbered each footnote. Also inserted into footnotes the additional courses approved later in the spring. Renamed Social Science to Social Sciences to match domain area in State Minimum Core.</p>