

CIM Report Apr 23, 2021 8:39am

Program Changes Pending Approval from Faculty Senate

Code	Field	Old Value	New Value
BREWCP	Select a reason for this new program	Adding New Undergraduate Certificate of Proficiency (6-21 semester hours)-(LON)	
	Effective Catalog Year	Fall 2019	Fall 2021
	Program Costs	The program requires no courses that have not already been taught. However, if the demand justifies it, FDSC 2723 and BIOL 2723L will need to be taught more frequently than the special topics courses that they are derived from. Both these course will have some transportation costs associated with trips to breweries. Again, that should not be greater than the current special topics courses. There will be some administrative cost associated with the program, but that is difficult to quantify at this time.	
	Library Resources	Holdings have already been expanded for the special topics classes. A handful of monographs will be added to the library collection.	
	Instructional Facilities	Existing laboratory and lecture facilities will be adequate. The Microbial Fermentation Laboratory will require use of industrial partners facility. Jesse Core, Core Brewing, has agreed to help with this.	
	Faculty Resources	If the frequency of offering of FDSC 2723 and BIOL 2723L stays high this may require accommodation. Jesse Core has already been appointed as adjunct faculty, which will help with the internship requirements.	
	List Existing Certificate or Degree Programs that Support the Proposed Program	21 111 471 476 26 133 132	

Description and Justification for this request	<p>Proposed new certificate of proficiency in brewing and fermentation. In 1978, there were only 42 companies brewing beer in the United States. Today there are in excess of 2,000 brewpubs and 4,000 micro or regional breweries in the United States, employing well over 100,000 people. According to the Brewers Association, the craft brewing industry in the United States had sales revenues in excess of \$26 Billion in 2017. Craft brewed barrels, 12.7% of the beer market, grew last year by 5.0% while overall barrels of beer brewed fell by 1.2%.</p> <p>In 2017, Arkansas had just 35 small breweries, 1.6 breweries per 100,000 21+ adults, which ranks us as 41st in the nation in breweries per capita, and brewed only 0.6 gallons in craft beer per 21+ adult, for a ranking of 47th. While small breweries had an economic impact in Arkansas of \$406 million total and \$191.60 per capita, this only ranked us at 46th in the country in per capita terms.</p> <p>Clearly, there is the potential for much growth in the industry in Arkansas. For example, if we hit the national median of 2.5 breweries per capita, we would expect to see another 18 to 20 breweries open in the state. A good supply of qualified workers is needed if such growth is to be realized, so the proposed certificate would benefit both recipients and local industry.</p> <p>In addition to those seeking employment, there is a large degree of interest in homebrewing as a hobby. It is estimated that there are 1 to 1.2 million homebrewers in the United States, which would translate into approximately 10,000 in Arkansas. This population is another that might be interested in formal study of brewing.</p>	
Reviewer Comments	<p>agriffin - Mon, 22 Oct 2018 16:21:57 GMT - Inserted credit hours for BIOL 2723L and clicked on sum hours in order for total hours to be presented in the catalog.</p> <p>lkulcza - Tue, 23 Oct 2018 20:14:50 GMT - All courses not found currently in approval process for fall 2019.</p> <p>ggunderm - Wed, 24 Oct 2018 17:22:02 GMT - Changed CIP from 01.0401 to 01.1002 - rolling back to Alice for document changes.</p> <p>ggunderm - Wed, 24 Oct 2018 17:22:45 GMT - Rollback: CIP code change should be reflected in documents.</p> <p>agriffin - Wed, 24 Oct 2018 17:28:26 GMT - Revised CIP Code in LON. Renamed document to match BOT naming convention.</p> <p>agriffin - Tue, 04 Dec 2018 20:38:16 GMT - Revised campus approval date in LON. Uploaded new copy.</p>	agriffin - Tue, 08 Dec 2020 15:29:16 GMT - This request will require campus approval.
Upload attachments	BREWCP - Undergraduate Cert - Ltr of Notification.docx	History of Beer Syllabus Spring 2021 .pdf
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)
Description and justification of the request		Added HIST 1213 History of Beer to elective list This is a newly developed course that adds a needed diversity of course options in the elective list and is fully supported by the instructor of the course and the BREWCP University Advisory Committee.

DTSCBS	User ID:	lkulcza	schubert
	Phone:	7456	5-2264
	Effective Catalog Year	Fall 2020	Fall 2021
	College(s)/School(s)	ARSC WCOB	ARSC
	Description and justification of the request	Admin update to add academic level. Admin update to add academic level.	Removed ENGL 1023 as an option to satisfy Comp II. The decision was used to satisfy Learning Outcome 1.2.
DTSCBS-ACCA	User ID:	kboston	schubert
	Phone:	5-4622	5-2264
	Effective Catalog Year	Fall 2020	Fall 2021
	Does this proposal impact any courses from another College/School?	No	Yes
	Description and justification of the request	Added header to 8-semester plan To match other 8-semester plans	Revised formatting of the eight semester degree plan. Inserted the General Education language. \nAlso added footnotes and hyper-linked courses for access to course details. \n To provide consistency with the General Education curriculum language. \nFootnotes provides list of courses that specifically meets each General Education Outcome on behalf of the college. \nChanges to the English requirement needs campus approval.AG Exchanged Fall Spring for DASC 2103 and DASC 2213. Moved to provide training on visualization and communication earlier in the sequence.
	College(s)/School(s)		ARSC
	Reviewer Comments		agriffin - Mon, 08 Mar 2021 15:45:16 GMT - ATTENTION: Due to changes to the English requirement, this minor program change will require campus approval.
DTSCBS-BIOF	User ID:	kboston	schubert
	Phone:	5-4622	5-2264
	Effective Catalog Year	Fall 2020	Fall 2021
	Program Title	Data Science: Bioinformatics	Data Science: Bioinformatics Concentration
	Description and justification of the request	Added title to 8-semester plan to match other 8-semester plans	Revised formatting of the eight semester degree plan. Inserted the General Education language. \nAlso added footnotes and hyper-linked courses for access to course details. To provide consistency with the General Education curriculum language. \nFootnotes provides list of courses that specifically meets each General Education Outcome on behalf of the college. \nChanges to the English requirement needs campus approval.AG Exchanged Fall Spring for DASC 2103 and DASC 2213. Moved to provide training on visualization and communication earlier in the sequence.
	Reviewer Comments		agriffin - Mon, 08 Mar 2021 15:48:02 GMT - ATTENTION: Due to changes to the English requirement, this minor program change will require campus approval.
DTSCBS-BMHI	User ID:	rajrao	schubert
	Phone:	575-8610	5-2264
	Effective Catalog Year	Fall 2020	Fall 2021

	Description and justification of the request	Added title to 8-semester plan To match other 8-semester plans	Revised formatting of the eight semester degree plan. Inserted the General Education language.\nAlso added footnotes and hyper-linked courses for access to course details. To provide consistency with the General Education curriculum language.\nFootnotes provides list of courses that specifically meets each General Education Outcome on behalf of the college.\n\nChanges to the English requirement needs campus approval.AG Exchanged Fall Spring for DASC 2103 and DASC 2213. Moved to provide training on visualization and communication earlier in the sequence.
	Reviewer Comments		agriffin - Mon, 08 Mar 2021 15:48:51 GMT - ATTENTION: Due to changes to the English requirement, this minor program change will require campus approval.
DTSCBS-BUDA	User ID:	kboston	schubert
	Phone:	5-4622	5-2264
	Effective Catalog Year	Fall 2020	Fall 2021
	Program Title	Data Science: Business Data Analytics	Data Science: Business Data Analytics Concentration
	Description and justification of the request	Adding title to 8-semester plan to match other 8-semester plans	Revised formatting of the eight semester degree plan. Inserted the General Education language.\nAlso added footnotes and hyper-linked courses for access to course details. To provide consistency with the General Education curriculum language.\nFootnotes provides list of courses that specifically meets each General Education Outcome on behalf of the college.\n\nChanges to the English requirement needs campus approval.AG Exchanged Fall Spring for DASC 2103 and DASC 2213. Moved to provide training on visualization and communication earlier in the sequence.
DTSCBS-CMPA	User ID:	kboston	schubert
	Phone:	5-4622	5-2264
	Effective Catalog Year	Fall 2020	Fall 2021
	Program Title	Data Science: Computational Analytics	Data Science: Computational Analytics Concentration
	Description and justification of the request	Adding title to 8-semester plan To match other 8-semester plans	Revised formatting of the eight semester degree plan. Inserted the General Education language.\nAlso added footnotes and hyper-linked courses for access to course details. To provide consistency with the General Education curriculum language.\nFootnotes provides list of courses that specifically meets each General Education Outcome on behalf of the college.\n\nChanges to the English requirement needs campus approval.AG Exchanged Fall Spring for DASC 2103 and DASC 2213. Moved to provide training on visualization and communication earlier in the sequence.
	Reviewer Comments		agriffin - Mon, 08 Mar 2021 15:50:07 GMT - ATTENTION: Due to changes to the English requirement, this minor program change will require campus approval.
DTSCBS-DSST	User ID:	jrtipton	schubert

	Phone:	5753351	5-2264
	Effective Catalog Year	Fall 2020	Fall 2021
	Program Title	Data Science: Data Science Statistics	Data Science: Data Science Statistics Concentration
	Description and justification of the request	Added title to 8-semester plan To match other 8-semester plans	Revised formatting of the eight semester degree plan. Inserted the General Education language.\nAlso added footnotes and hyper-linked courses for access to course details. To provide consistency with the General Education curriculum language.\nFootnotes provides list of courses that specifically meets each General Education Outcome on behalf of the college.\n\nChanges to the English requirement needs campus approval.AG Exchanged Fall Spring for DASC 2103 and DASC 2213. Moved to provide training on visualization and communication earlier in the sequence.
	Reviewer Comments		agriffin - Mon, 08 Mar 2021 15:50:50 GMT - ATTENTION: Due to changes to the English requirement, this minor program change will require campus approval.
DTSCBS-GSDA	User ID:	kboston	schubert
	Phone:	5-4622	5-2264
	Effective Catalog Year	Fall 2020	Fall 2021
	Program Title	Data Science: Geospatial Data Analytics	Data Science: Geospatial Data Analytics Concentration
	Description and justification of the request	Added title to 8-semester plan To match other 8-semester plans	Revised formatting of the eight semester degree plan. Inserted the General Education language.\nAlso added footnotes and hyper-linked courses for access to course details. To provide consistency with the General Education curriculum language.\nFootnotes provides list of courses that specifically meets each General Education Outcome on behalf of the college.\n\nChanges to the English requirement needs campus approval.AG Exchanged Fall Spring for DASC 2103 and DASC 2213. Moved to provide training on visualization and communication earlier in the sequence.
	Reviewer Comments		agriffin - Mon, 08 Mar 2021 15:51:35 GMT - ATTENTION: Due to changes to the English requirement, this minor program change will require campus approval.
DTSCBS-OPNA	User ID:	kboston	schubert
	Phone:	5-4622	5-2264
	Effective Catalog Year	Fall 2020	Fall 2021
	Program Title	Data Science: Operations Analytics	Data Science: Operations Analytics Concentration

	Description and justification of the request	Added title to 8-semester plan To match other 8-semester plans	Revised formatting of the eight semester degree plan. Inserted the General Education language.\nAlso added footnotes and hyper-linked courses for access to course details. To provide consistency with the General Education curriculum language.\nFootnotes provides list of courses that specifically meets each General Education Outcome on behalf of the college.\n\nChanges to the English requirement needs campus approval.AG Exchanged Fall Spring for DASC 2103 and DASC 2213. Moved to provide training on visualization and communication earlier in the sequence.
	Reviewer Comments		agriffin - Mon, 08 Mar 2021 15:52:17 GMT - ATTENTION: Due to changes to the English requirement, this minor program change will require campus approval.
DTSCBS-SODA	User ID:	kboston	schubert
	Phone:	5-4622	5-2264
	Effective Catalog Year	Fall 2020	Fall 2021
	Program Title	Data Science: Social Data Analytics	Data Science: Social Data Analytics Concentration
	Description and justification of the request	Added title to 8-semester plan to match other 8-semester plans	Revised formatting of the eight semester degree plan. Inserted the General Education language.\nAlso added footnotes and hyper-linked courses for access to course details. To provide consistency with the General Education curriculum language.\nFootnotes provides list of courses that specifically meets each General Education Outcome on behalf of the college.\n\nChanges to the English requirement needs campus approval.AG Exchanged Fall Spring for DASC 2103 and DASC 2213. Moved to provide training on visualization and communication earlier in the sequence.
	Reviewer Comments		agriffin - Mon, 08 Mar 2021 15:52:50 GMT - ATTENTION: Due to changes to the English requirement, this minor program change will require campus approval.
DTSCBS-SYCA	User ID:	kboston	schubert
	Phone:	5-4622	5-2264
	Effective Catalog Year	Fall 2020	Fall 2021
	Program Title	Data Science: Supply Chain Analytics	Data Science: Supply Chain Analytics Concentration
	Description and justification of the request	Adding title to 8-semester plan to match other 8-semester plans	Revised formatting of the eight semester degree plan. Inserted the General Education language.\nAlso added footnotes and hyper-linked courses for access to course details. To provide consistency with the General Education curriculum language.\nFootnotes provides list of courses that specifically meets each General Education Outcome on behalf of the college.\n\nChanges to the English requirement needs campus approval.AG Exchanged Fall Spring for DASC 2103 and DASC 2213. Moved to provide training on visualization and communication earlier in the sequence.

	Reviewer Comments		agriffin - Mon, 08 Mar 2021 15:53:29 GMT - ATTENTION: Due to changes to the English requirement, this minor program change will require campus approval.
ENGRME	Effective Catalog Year	Fall 2018	Fall 2021
	What are the total hours needed to complete the program?	24	30
	Scheduled Program Review Date	NA	2021-2022
	Program Goals and Objectives	NA	Program Goals and Objectives \n\n1. To produce graduates who will become technical leaders and managers in industry, government and the military.\n2. To provide students with a valuable, affordable, and convenient method of continuing their education while remaining active in the work force.\n
	Learning Outcomes	NA	Student Learning Outcomes (SLO)\n\nStudents will:\n1. Demonstrate in#depth knowledge of a specific engineering or computer science topical area.\n2. Apply knowledge of engineering, mathematics, and computational tools to solve engineering and computing problems.\n3. Locate, analyze and comprehend relevant engineering literature.\n4. Communicate effectively through written and oral presentations.\n5. Describe the value of life#long learning and professional development.\n6. Explain the importance of professional and ethical responsibility.\n7. Apply management skills.\n
	Description and justification of the request	Changing tpestyle on requirements line To match other style usage in catalog	Adding admission requirements to include degrees earned from a program accredited by the Computing Accreditation Commission of ABET. Corrected number of hours required for the program and removed the maximum allowable hours for 4000-level courses as they are no longer offered. Deleted redundant or obsolete wording. To expand admission requirements and correct existing text in the requirements.
	Reviewer Comments		ndennis - Wed, 24 Feb 2021 16:16:50 GMT - Minor editorial changes to admission requirements. agriffin - Wed, 24 Feb 2021 16:34:11 GMT - Rollback: Rolling back per request from Norm Dennis. ndennis - Wed, 24 Feb 2021 16:47:36 GMT - Rearranged paragraphs in the requirements section and deleted redundant wording. agriffin - Thu, 25 Feb 2021 22:25:47 GMT - Revised scheduled program review date. agriffin - Thu, 25 Feb 2021 22:29:12 GMT - Rollback: Please upload the program goals and student learning outcomes. I have not been able to find any in the assessment records. agriffin - Tue, 09 Mar 2021 15:13:30 GMT - Hyperlinked EMGT 5033 to include course title. agriffin - Tue, 09 Mar 2021 16:48:47 GMT - Revised language in program requirements with input from submitter.
HPRV-M	User ID:	ddraper	rcc003
	Phone:	see contact information below	479-575-3701

	Description and justification of the request	Corrected listing of GEOS 4073	Removed GEOS 3033 and replaced it with a related special topics option. GEOS 3033 was automatically inactivated due to not being offered for 6+ years.
	Description and Justification for this request	Corrected listing of GEOS 4073	
	Effective Catalog Year	Fall 2015	Fall 2021
	Track(s) - Action		Action
	Focused Stud(y/ies) - Action		Action
	Does this proposal impact any courses from another College/School?	No	Yes
	College(s)/School(s)		ARCH
	What are the total hours needed to complete the program?		18
	Reviewer Comments		agriffin - Thu, 18 Mar 2021 19:26:34 GMT - Rollback: Please include ARCH in the approval workflow. The School is impacted by this proposal with the addition of the three credit hour elective. agriffin - Fri, 19 Mar 2021 14:30:30 GMT - ATTENTION: This minor program change will require campus approval due to the use of courses from FJSOA. ggunderm - Tue, 23 Mar 2021 19:46:02 GMT - 45.0701 Approved as CIP of parent program.
PROFGM		Added	