

Undergraduate Curriculum Committee
Meeting Minutes
December 9, 2021
via Zoom

Members Present: Eric Elliott, Denise McKenney, Geoffrey Gurka, Dan Schultz-Ela, Sarah Lanci, Olga Grisak, Sloane Milstein, Elaine Venter, Sean Flanigan, Brian Hosterman, Tiffany Kragnes, Nick Bardo, Matt Schlieff, Wayne Smith

Members Absent:

Guests Present: Suzanne Owens-Ott, Georgeann Joufflas, Lisa Driskell, Sarah Shrader, Melissa Connor, Christi Sanders Via, Rhema Zlaten, James Perez

Ex-officio members present: Maggie Bodyfelt, Morgan Bridge, Amber D’Ambrosio, Johanna Varner, Janel Davis, Curt Martin

Recording Secretary: Aaron Osborne

Chair Elliott called the meeting to order at 3:30pm.

I. Announcements

- A. Chair Elliott moved to amend the agenda to include the deletion of KINA 135A: Backcountry Winter Travel and to correct the agenda title of OREC 112 from OREC 112: Rock Climbing to OREC:112 Rock Climbing II, the correct title. S. Flanigan motioned and S. Lanci seconded to approve. The motion passed. Chair Elliott also moved to add ANTH 331L to the agenda since it was inadvertently left off the meeting agenda. T. Kragnes motioned and G. Gurka seconded to approve. The motion passed.

II. Ex-Officio Reports

- A. Assistant Vice President of Academic Affairs for Assessment and Accreditation
 1. None
- B. Registrar’s Office
 1. It will be mid-March before the courses approved today are available for students, since the UCC minutes must first pass Faculty Senate which will not be meeting until next year.
- C. Financial Aid Deputy Director Martin
 1. None
- D. Librarian D’Ambrosio
 1. Please get proposals to the Library as soon as possible and/or let the Library know if new courses or programs are being proposed. This assists the Library in their workflow.

E. Catalog Description Reviewer Varner
1. None

F. Essential Learning
1. None

III. Curriculum Proposals

Summary of committee actions and additional details on curriculum proposals begins on page 3.

IV. Old Business

A. J. Varner, the UCC representative on the Essential Learning Transfer Working Group reported the Working Group has not yet met.

V. Information Items

A. Chair Elliot reminded Committee Members that when making a course change, the requisite program changes should be made at the same time. UCC Exec will not review course proposals until the accompanying program proposal is also submitted.

VI. New Business

A. None

G. Gurka moved and N. Bardo seconded adjourning the meeting. With no objections from the committee, Chair Elliott adjourned the meeting at 4:02pm.

Respectfully submitted by Aaron Osborne, December 9, 2021.

Effective Term - Summer 2022		Programs	
The following is a summary: Additional information can be found on the individual curriculum proposals.			
Proposal	Degree	Committee Action	Motion Second
M717: Forensic Investigation - Criminal Justice	MNR	Program Modification - Approved	Bardo Lanci
UCC Discussions: Course change update that split ANTH 331 into a lecture and lab. No other discussion.			
Change Item Description	Departmental Justification		
List all proposed changes to the program	1. Change ANTH331, a 3-credit lecture, to ANTH331 a two-credit lecture and ANTH331L a 1-credit lab.		
Justify each proposed modification to the program	1. Since this course was first created, the FIRS skeletal collection has grown and there now is a separate teaching and research collection of osteological material. Expanding the hands-on component of the Forensic Anthropology course by adding a laboratory section allows students to take better advantage of being able to work with actual human skeletons. To accommodate a lab, the lecture was changed from 3 credits to 2.		
Describe discussions about this proposal within the department and outcomes	1. As the instructor, I first talked about this change with current and past students. All are enthusiastic about the addition of a lab section. I also talked about the change with the faculty in Applied Anthropology and Geography (Seebach and Parece), and dept. head Herrick (11/11/2021). I discussed this with Criminal Justice Program Coordinator John Reece (10/28/2021). As long as the lab and lecture together is kept within 3 credits, it fits within this minor.		
3128: Business Administration: Human Resource Management	BBA	Program Modification - Approved	Bardo Lanci
UCC Discussions: SLO updates to better reflect CMU’s University-level student learning outcomes. No other discussion.			
Change Item Description	Departmental Justification		
List all proposed changes to the program	Updating Davis School of Business student learning outcomes to better reflect CMU’s University-level student learning outcomes.		
Justify each proposed modification to the program	To better reflect the CMU learning outcome Quantitative Fluency, we edited SLO #1 to specifically include the words “Quantitative” and Qualitative” in January 2021. However, we received feedback that the word ‘or’ in the SLO might send the message that quantitative research is optional. Therefore, we resorted to the 2018-2019 version of the DSB SLO #1 which named qualitative and quantitative in separate SLO’s and moved 1.2 to the 1.1 slot to help keep reporting streamlined in March 2021. To better reflect the CMU learning outcome Information Literacy, we edited SLO#2 to specifically include the word ‘accurately’ in March 2021. However, we received feedback in September that Information Literacy was not clearly identifiable and changes were recommended. The committee proposed the recommended changes to the faculty who voted to approved on October 6, 2021.		

Describe discussions about this proposal within the department and outcomes

These SLO updates were discussed in CiC Committee Meetings on October 12, 2020, November 9, 2020, February 1, 2021, February 22, 2021, September 13, 2021, and October 2, 2021. Faculty voted to approve SLO #1 Critical Thinking on March 10, 2021. Faculty voted to approve changes to SLO #2 on October 6, 2021.

1173: Insurance	PCT	Program Inactivation - Approved	Gurka Bardo
UCC Discussions: There are no students currently enrolled in this certificate program.			
Change Item Description	Departmental Justification		
Delete Proposal: No differences to report	Insufficient demand to justify program's continuance.		
3704: History: Secondary Education	BA	Program Modification - Approved	Gurka Bardo
UCC Discussions: Added an ethics SLO to existing SLOs. Eliminated the "Topical" category and assign the classes to either the "United States" or "European" category. No other discussion.			
Change Item Description	Departmental Justification		
List all proposed changes to the program	There are two proposed changes to the program. 1. Add an Ethics SLO to the Program SLOs as follows: Evaluate how local, national, or global societies have responded to ethical, social, civic and/or environmental challenges in the historical past (personal and social responsibility). I will also update the SLOs already listed by adding the "Courses" and "Assessment" information already established. 2. Eliminate the "Topical" category in the History Major and assign the classes in "Topical" to either the "United States" or "European" category.		
Justify each proposed modification to the program	1. The Ethics SLO is a part of the larger campus effort to incorporate a deeper understanding of ethics into the curriculum. The history faculty discussed the wording of the SLO and met with Morgan Bridge the Assessment Coordinator to make sure that the SLO as worded would work for assessment purposes. 2. Currently we have four areas in which students are required to take two classes each. The four areas are United States History, European History, Topical, and World History. We want to eliminate the Topical category and move all those classes to either U.S. or European as appropriate. There are two reasons for making this change. These categories were created before any of the current faculty arrived at CMU and none of the current faculty feel that the Topical category serves any useful pedagogical function. All of the courses easily fit into either the U.S. or European categories. Also, due to some retirements and sabbaticals and some course releases it has become difficult each semester to make sure the faculty are offering the necessary spread of courses to cover all the categories. This has resulted in numerous course substitution requests. The effect of which is that we are already substituting Topics courses into the U.S. and European categories, just in a clunky manor. This change will make the course planning and registration process for students much more logical and straight forward. For the major instead of taking two courses in each of the U.S. and European categories, students will now take three courses in each. For the minor the Topics category will be replaced with "History Elective" and the student can choose any upper-level history course to fulfil		

Describe discussions about this proposal within the department and outcomes

the category. There will be no net effect on the number of courses students need to take to achieve the major/minor. I have attached a file that shows which courses are affected and what the new category will be for each. The History faculty met several times and discussed both of these changes, the department head (Jessica Herrick) was also involved in these discussions. I also emailed Blake Bickham (Education) and ran these changes by him and he approves of them.

3716: History

BA Program Modification - Gurka | Bardo Approved

UCC Discussions: Added an ethics SLO to existing SLOs. Eliminated the "Topical" category and assign the classes to either the "United States" or "European" category. No other discussion.

Change Item Description

List all proposed changes to the program

Departmental Justification

There are two proposed changes to the program. 1. Add an Ethics SLO to the Program SLOs as follows: Evaluate how local, national, or global societies have responded to ethical, social, civic and/or environmental challenges in the historical past (personal and social responsibility). 2. Eliminate the "Topics" category in the History Major and assign the classes in "Topics" to either the "United States" or "European" category.

Justify each proposed modification to the program

1. The Ethics SLO is a part of the larger campus effort to incorporate a deeper understanding of ethics into the curriculum. The history faculty discussed the wording of the SLO and met with Morgan Bridge the Assessment Coordinator to make sure that the SLO as worded would work for assessment purposes. 2. Currently we have four areas in which students are required to take two classes each. The four areas are United States History, European History, Topics, and World History. We want to eliminate the Topics category and move all those classes to either U.S. or European as appropriate. There are two reasons for making this change. These categories were created before any of the current faculty arrived at CMU and none of the current faculty feel that the Topics category serves any useful pedagogical function. All of the courses easily fit into either the U.S. or European categories. Also, due to some retirements and sabbaticals and some course releases it has become difficult each semester to make sure the faculty are offering the necessary spread of courses to cover all the categories. This has resulted in numerous course substitution requests. The effect of which is that we are already substituting Topics courses into the U.S. and European categories, just in a clunky manor. This change will make the course planning and registration process for students much more logical and straight forward. For the major instead of taking two courses in each of the U.S. and European categories, students will now take three courses in each. For the minor the Topics category will be replaced with "History Elective" and the student can choose any upper-level history course to fulfil the category. There will be no net effect on the number of courses students need to take to achieve the major/minor. I have attached a file that shows which courses are affected and what the new category will be for each.

Describe discussions about this proposal within the department and outcomes

The History faculty met several times and discussed both of these changes, the department head (Jessica Herrick) was also involved in these discussions, fall 2021. I also emailed Blake Bickham (Education) and ran these changes by him and he approves of them.

3104: Accounting: General Accounting	BS	Program Modification - Approved	Bardo Lanci
UCC Discussions: SLO changes. No other discussion.			
Change Item Description	Departmental Justification		
List all proposed changes to the program	Changing two SLOs to better align with institutional SLOs.		
Justify each proposed modification to the program	We were asked to better align two SLOs with institutional SLOS (information literacy and personal and social responsibility).		
Describe discussions about this proposal within the department and outcomes	Accounting faculty approved changes via email on 10/4/2021 and 11/15/2021.		
3453: Mechanical Engineering Technology	BS	Program Modification - Approved	Lanci Gurka
UCC Discussions: Added verbiage to Program Specific Courses/Requirements to specify "Prerequisites for these courses must be passed with a grade of "C" or higher." Also added CHEM 131/131L as an alternative to CHEM 151/151L3) Update mapping of program SLOs to align with how the program is being assessed.			
Change Item Description	Departmental Justification		
List all proposed changes to the program	1) Add verbiage to Program Specific Courses/Requirements to specify "Prerequisites for these courses must be passed with a grade of "C" or higher." 2) Add CHEM 131/131L as an alternative to CHEM 151/151L3) Update mapping of program SLOs to align with how the program is being assessed for the Accreditation Board for Engineering and Technology (ABET)		
Justify each proposed modification to the program	1) Add verbiage to Program Specific Courses/Requirements to specify "Prerequisites for these courses must be passed with a grade of "C" or higher." This change is being made to ensure students in the program pass all prereqs with a C, instead of with a D. Students pursuing subsequent courses with a D in their prerequisite classes are not academically prepared to continue in the sequence.2) Add CHEM 131/131L as an alternative to CHEM 151/151L. CHEM 151/151L may not always be offered in spring semesters. To increase flexibility in student scheduling, and because the two chemistry courses both meet the needs of MET majors, we are adding the option to take either lecture/lab combo. 3) Update mapping of program SLOs to align with how the program is being assessed for the Accreditation Board for Engineering and Technology (ABET). This change was made to keep the program current in CIM.		

Describe discussions about this proposal within the department and outcomes

Changes regarding the prerequisite passing grade and chemistry course options were discussed with the Mechanical Engineering Technology faculty and department head and with the CMU/CU Engineering Partnership Program director in November 2021. In addition, the department head of Computer Science and Engineering discussed the chemistry option with the department head of Physical and Environmental Sciences via a phone call in November 2021. All parties agreed to the changes. The SLO course mapping was discussed in May 2021 by our internal Mechanical Engineering Technology Accreditation Committee (faculty in the MET department). All members of the committee agreed to the new course map.

M720: History	MNR Program Modification - Approved	Gurka Bardo
<p>UCC Discussions: Added an ethics SLO to existing SLOs. Eliminated the "Topical" category and assign the classes to either the "United States" or "European" category. No other discussion.</p>	<p>Departmental Justification</p>	
<p>Change Item Description List all proposed changes to the program</p>	<p>There are two proposed changes to the program. 1. Add an Ethics SLO to the Program SLOs as follows: Evaluate how local, national, or global societies have responded to ethical, social, civic and/or environmental challenges in the historical past (personal and social responsibility). 2. Eliminate the "Topical" category in the History Major and assign the classes in "Topical" to either the "United States" or "European" category. Add one upper-level elective History requirement to take the place of the "Topical" category.</p>	
<p>Justify each proposed modification to the program</p>	<p>1. The Ethics SLO is a part of the larger campus effort to incorporate a deeper understanding of ethics into the curriculum. The history faculty discussed the wording of the SLO and met with Morgan Bridge the Assessment Coordinator to make sure that the SLO as worded would work for assessment purposes. 2. Currently we have four areas in which students are required to take two classes each. The four areas are United States History, European History, Topics, and World History. We want to eliminate the Topical category and move all those classes to either U.S. or European as appropriate. There are two reasons for making this change. These categories were created before any of the current faculty arrived at CMU and none of the current faculty feel that the Topics category serves any useful pedagogical function. All of the courses easily fit into either the U.S. or European categories. Also, due to some retirements and sabbaticals and some course releases it has become difficult each semester to make sure the faculty are offering the necessary spread of courses to cover all the categories. This has resulted in numerous course substitution requests. The effect of which is that we are already substituting Topics courses into the U.S. and European categories, just in a clunky manor. This change will make the course planning and registration process for students much more logical and straight forward. For the major instead of taking two courses in each of the U.S. and European categories, students will now take three courses in each. For the minor the Topical category will be replaced with "History Elective" and the student can choose any upper-level history course to fulfil the category. There will be no net effect on the number of courses students need to take to achieve the major/minor. I have attached a</p>	

Describe discussions about this proposal within the department and outcomes

file that shows which courses are affected and what the new category will be for each.

The History faculty met several times and discussed both of these changes, the department head (Jessica Herrick) was also involved in these discussions. I also emailed Blake Bickham (Education) and ran these changes by him and he approves of them.

<p>3165: Computer Information Systems</p>	<p>BS</p>	<p>Program Modification - Approved</p>	<p>Bardo Lanci</p>
<p>UCC Discussions: SLO updates and Cooperative Education was removed from General Electives. No other discussion.</p>			
<p>Change Item Description</p>	<p>Departmental Justification</p>		
<p>List all proposed changes to the program</p>	<p>1. Updating Davis School of Business student learning outcomes to better reflect CMU’s University-level student learning outcomes. 2. Cooperative Education is being removed from General Electives</p>		
<p>Justify each proposed modification to the program</p>	<p>1. To better reflect the CMU learning outcome Quantitative Fluency, we edited SLO #1 to specifically include the words “Quantitative” and Qualitative” in January 2021. However, we received feedback that the word ‘or’ in the SLO might send the message that quantitative research is optional. Therefore, we resorted to the 2018-2019 version of the DSB SLO #1 which named qualitative and quantitative in separate SLO’s and moved 1.2 to the 1.1 slot to help keep reporting streamlined in March 2021.2. To better reflect the CMU learning outcome Information Literacy, we edited SLO#2 to specifically include the word ‘accurately’ in March 2021. However, we received feedback in September that Information Literacy was not clearly identifiable and changes were recommended. The committee proposed the recommended changes to the faculty who voted to approved on October 6, 2021.3. Cooperative Education is being removed from General Electives to match current reserved courses offered in curriculum manual.</p>		
<p>Describe discussions about this proposal within the department and outcomes</p>	<p>These SLO updates were discussed in CiC Committee Meetings on October 12, 2020, November 9, 2020, February 1, 2021, February 22, 2021, September 13, 2021, and October 2, 2021. Faculty voted to approve SLO #1 Critical Thinking on March 10, 2021. Faculty voted to approve changes to SLO #2 on October 6, 2021.</p>		
<p>3167: Computer Information Systems</p>	<p>BAS</p>	<p>Program Modification - Approved</p>	<p>Bardo Lanci</p>
<p>UCC Discussions: SLO updates to better reflect CMU’s University-level student learning outcomes.</p>			
<p>Change Item Description</p>	<p>Departmental Justification</p>		
<p>List all proposed changes to the program</p>	<p>Updating Davis School of Business student learning outcomes to better reflect CMU’s University-level student learning outcomes.</p>		
<p>Justify each proposed modification to the program</p>	<p>To better reflect the CMU learning outcome Quantitative Fluency, we edited SLO #1 to specifically include the words “Quantitative” and Qualitative” in January 2021. However, we received feedback that the word ‘or’ in the SLO might send the message that quantitative research is optional. Therefore, we resorted to the 2018-2019 version of the DSB SLO #1 which named qualitative and quantitative in separate SLO’s and moved 1.2 to the 1.1 slot to help keep reporting streamlined in</p>		

Describe discussions about this proposal within the department and outcomes

March 2021. To better reflect the CMU learning outcome Information Literacy, we edited SLO#2 to specifically include the word ‘accurately’ in March 2021. However, we received feedback in September that Information Literacy was not clearly identifiable and changes were recommended. The committee proposed the recommended changes to the faculty who voted to approved on October 6, 2021.

These SLO updates were discussed in CiC Committee Meetings on October 12, 2020, November 9, 2020, February 1, 2021, February 22, 2021, September 13, 2021, and October 2, 2021. Faculty voted to approve SLO #1 Critical Thinking on March 10, 2021. Faculty voted to approve changes to SLO #2 on October 6, 2021.

3151: Outdoor Recreation Industry Studies	BS	Program Modification - Approved	Lanci Gurka
<p>UCC Discussions: Changed prefix name/numbers of seven KINA courses to OREC prefix, added OREC 100, OREC 104 and OREC 105 must be taken concurrently, OREC 105 moved to the lower division requirements section, OREC 108/109/110 moved from the lower division requirements to the foundation requirement. Course sequencing changed based on course availability. No other discussion.</p> <p>Change Item Description</p> <p>List all proposed changes to the program</p>	Departmental Justification	<p>1. Change prefix name/numbers of seven KINA courses to OREC prefix: KINA 143 to OREC 104, KINA 120 to OREC 105, KINA 108A to OREC 108, KINA 109 to OREC 109, KINA 110 to OREC 110, KINA 111A to OREC 112, KINA 135A to OREC 135 2. Add OREC 100 3. OREC 104 and OREC 105 must be taken concurrently 4. OREC 105 (Backpacking) is being moved to the lower Division requirements section. 5. OREC 108,109, and 110 are being moved from the lower division requirements to the foundation requirement section. 6. Change to course sequencing based on course availability</p> <p>The Outdoor Recreation Industry Studies program launched Fall 2020. It was clear after the first full academic year that some small changes needed to be made to help with curriculum changes, consistency, and course sequencing. 1. Changing names of the courses to be retained under the banner and supervision of the Outdoor Rec Industry Studies program. 2. OREC 100 Leave No Trace is crucial to being responsible in the outdoors, and something we have realized we were missing in the first year of the program. 3. Backpacking and Orientation are meant to be taken together. The Department agreed that Backpacking should be taught concurrently with Orienteering as the curriculum intersects. Students learn the principles of Orienteering and subsequently practice those principles in the field in the Backpacking Course. 4. OREC 105 (Backpacking) was moved to the lower division requirement as it must be taught with Orienteering and the content in both courses are needed before students take most other courses. It is also a prerequisite for most of the 300-level OREC courses. 5. A one-credit water courses (OREC 108,109, and 110) are foundational to the OREC program and should be taught as Foundational Courses to prepare students for advanced curricula in the upper division courses. 6. Adjustments were made to course sequencing based on course availability</p>	
<p>Justify each proposed modification to the program</p>			

Describe discussions about this proposal within the department and outcomes

The Department of Kinesiology faculty reviewed and approved these changes in the department meeting in September 2021.

M111: Outdoor Recreation Studies	MNR	Program Modification - Approved	Lanci Gurka
UCC Discussions: Changed prefix name/numbers of several KINA courses to OREC prefix. Added OREC 100 to the required courses. Increased from 21 credits to 23 credits. OREC 105 is being moved from the restricted list to the required list.			
Change Item Description	Departmental Justification		
List all proposed changes to the program	1.KINA 143 to OREC 104 Orienteering 2. KINA 120 to OREC 105 Backpacking 3.KINA 108A to OREC 108 Stand up Paddle Boarding 4.KINA 109 to OREC 109 Kayaking 5.KINA 110 to OREC 110 River Rafting 6.KINA 111A to OREC 112 Rock Climbing II 7.KINA 135A to OREC 135 Back Country Winter Travel 8.Also, we added OREC 100: Leave No Trace (1) to the required courses. 9.Minor is increasing from 21 credits to 23 credits. 10.Backpacking (OREC 105) is being moved from the restricted list to the required list.		
Justify each proposed modification to the program	Changing names of the courses to be retained under the banner and supervision of the Outdoor Rec Industry Studies program. Backpacking (OREC 105) and Orienteering (OREC 104) need to be taught concurrently as the curricula overlaps. Leave No Trace is crucial to being responsible in the outdoors, and something we have realized we were missing in the first year of the program. Credit hours required have changed from 21 to 23 because we have decided to add 1 credit course Backpacking (OREC 105) and 1 credit course Orienteering (OREC 104) to the required courses because they are baseline knowledge for the outdoor recreation industry. Backpacking (OREC 105) is being moved from the restricted list to the required list for this reason as well, and also because it is a prerequisite for most of the 300-level OREC courses.		
Describe discussions about this proposal within the department and outcomes	Changes were discussed and approved and a Kinesiology Department meeting in September, 2021.		

3204: Early Childhood Education: Early Childhood Special Education	BA	Program Modification - Approved	Gurka Lanci
UCC Discussions: Changed "C" or better on the program sheet in program specific degree requirements to "B" or better to reflect the actual requirements. Removed the general electives requirement and added EDUC 441. Credit hours for this degree is changing from 123 to 122.			
Change Item Description	Departmental Justification		
List all proposed changes to the program	1) The language of "C" or better on the program sheet in program specific degree requirements was changed to "B" or better to reflect the actual requirements (the C or better was a typo on the program sheet). 2) We are removing the general electives requirement and adding EDUC 441. 3) Credit hours for this degree is changing from 123 to 122.		

Justify each proposed modification to the program

1) Fixing a typo on the program sheet. 2) Due to recent changes in teacher certification in reading, teacher candidates need more coursework in reading instruction. Adding EDUC 441 will better prepare students for more effective reading instruction and better preparedness to pass the new reading PRAXIS test required for teacher licensure. 3) We are adding EDUC 441 and removing 4 hours of General Electives. The program was already over 120 total credit hours (123), so the program remains over 120 at 122. As a professional program with State Accreditation for licensure, we need the extra 2 hours for candidates to get the necessary content and pedagogy curriculum and experience.

Describe discussions about this proposal within the department and outcomes

1) Ann Gillies and Blake Bickham in Spring of 2021 agreed to change program sheet typo 2) Anne Gilles and Blake Bickham emailed program change proposal to department in October, and the changes were discussed and approved in the 11/11/21 department meeting by all faculty and instructors.

Effective Term - Summer 2022		Courses
<p>The following is a summary: Additional information can be found on the individual curriculum proposals.</p>		
Proposal	Committee Action	Motion Second
ACCT 471: Data Analytics for Accounting	Course Addition - Approved	
<p>UCC Discussions: Changes in CPA exam created more emphasis on data analysis. This new course is designed to address the content change. This course will also be part of a newly proposed professional certificate that covers data analysis skills specific to financial accounting and prepares candidates for the Certified Fraud Examiners exam. No other discussion.</p>		
Change Item Description	Department Justification	
New Proposal: No differences to report	<p>The CPA Exam is going through substantial evolution. A major part of these changes will result in substantially more emphasis on data analysis on the future exam. This course is designed to address content that will be covered on the new CPA exam beginning in 2023. See the attached model curriculum from the AICPA in which data analytics is now part of the CPA Exam core. This course is also intended to be part of a new/proposed professional certificate program geared toward assisting students as well as existing professionals to build data analysis skills specific to financial accounting and prepare candidates for the Certified Fraud Examiners exam.</p>	
ACCT 473: Fraud Legalities	Course Addition - Approved	
<p>UCC Discussions: This course will be part of a newly proposed professional certificate that covers data analysis skills specific to financial accounting and prepares candidates for the Certified Fraud Examiners exam. No other discussion.</p>		
Change Item Description	Department Justification	
New Proposal: No differences to report	<p>This course is intended to be part of a new/proposed professional certificate program geared toward assisting students as well as existing professionals to build fraud examination skills specific to the Certified Fraud Examiners exam.</p>	
ACCT 475: Fraud Examination	Course Addition - Approved	
<p>UCC Discussions: This course will be part of a newly proposed professional certificate that covers data analysis skills specific to financial accounting and prepares candidates for the Certified Fraud Examiners exam. No other discussion.</p>		
Change Item Description	Department Justification	
New Proposal: No differences to report	<p>This course is intended to be part of a new/proposed professional certificate program geared toward assisting students as well as existing professionals to build fraud examination skills specific to candidates for the Certified Fraud Examiners exam.</p>	

ANTH 202: Introduction to Anthropology-GTSS3	Course Modification - Approved	Bardo Lanci
UCC Discussions: SLOs added as per university and HLC requirements. No other discussion.		
Change Item Description	Old	New
Academic engagement minutes per term:		2250
Student preparation minutes for a term:		4500
Is there overlapping content with present courses offered? Explain:		Yes There is some slight overlap between the unit on Human Evolution and part of the course in ANTH 231/L. ANTH 231/L treats the topic in much more detail.
ANTH 231: Survey of Biological Anthropology - GTSS3	Course Modification - Approved	Bardo Lanci
UCC Discussions: Entering required SLOs and Course Outline, that were not entered during CIM implementation. Course name updated with GT status information. No other discussion.		
Change Item Description	Old	New
Course name:	Survey of Biological Anthropology	Survey of Biological Anthropology - GTSS3
Course abbreviated schedule name:	Survey of Biological Anth	Survey Biological Anth-GTSS3
Academic engagement minutes per term:		2250
Student preparation minutes for a term:		4500
ANTH 231L: Survey of Biological Anthropology Laboratory-GTSS3	Course Modification - Approved	Bardo Lanci
UCC Discussions: The CIM system did not include the SLOs. This is not a change to the course, but rather a process of entering the SLOs into CIM. GTSS3 has been added to the name because GT status was approved for this course in 2019. Course description updated. No other discussion.		
Change Item Description	Old	New
Course name:	Survey of Biological Anthropology Laboratory	Survey of Biological Anthropology Laboratory-GTSS3
Course description for the catalog (do not list pre-reqs, co-reqs, and terms typically offered):	Lab component for ANTH 231.	Exploration of culture through the lens of evolutionary biology. Students will study culture as a changing entity that helps our biological species adapt to multiple physical and social

Course abbreviated schedule name:	Survey of Biological Anth Lab	environments. Includes discussion of non-human primates and the application of biological anthropology to forensic science. Lab component for ANTH 231. Survey Bio Anth Lab-GTSS3
Academic engagement minutes per term:		1500
Student preparation minutes for a term:		750

ANTH 331: Forensic Anthropology	Course Modification - Approved	Bardo Lanci
<p>UCC Discussions: 1. Since this course was first created, the FIRS skeletal collection has grown and there now is a separate teaching and research collection of osteological material. Expanding the hands-on component of the Forensic Anthropology course by adding a laboratory section allows students to take better advantage of being able to work with actual human skeletons. To accommodate a lab, the lecture was changed from 3 credits to 2.2. The prerequisites were changed to include additional courses, each appropriate to a different program in which this course figures.3. ANTH331L is being added as a corequisite for ANTH331 as it is covers the practical, hands-on application of the material covered in ANTH331. The material covered in the two classes dovetail and the student will get the most out of the courses when taken together.</p>		
Change Item Description	Old	New
Credit hours:	3	2
Workload:	3	
Lecture:	3	2
Total Contact Hours:	3	2
Academic engagement minutes per term:	2250	1500
Student preparation minutes for a term:	4500	3000
Prerequisites:	ANTH 202 or ANTH 270/ANTH 270L	ANTH 270/ANTH 270L or ANTH 232/ANTH 232L or BIOL 209/BIOL 209L
Corequisites:		ANTH 331L

ANTH 331L: Forensic Anthropology Laboratory		Course Addition - Approved	Bardo Lanci
<p>UCC Discussions: Expanding the hands-on component of the Forensic Anthropology course (ANTH 331) through a lab experience allows students to take better advantage of being able to work with actual human skeletons. No other discussion.</p>			
Change Item Description	Department Justification		
New Proposal: No differences to report	<p>Since the lecture portion of this course (ANTH331) was first created, the FIRS skeletal collection has grown and there now are now separate teaching and research collections of osteological material. Expanding the hands-on component of the Forensic Anthropology course through a lab experience allows students to take better advantage of being able to work with actual human skeletons.</p>		
ANTH 341: Indigenous Cultures of North America		Course Modification - Approved	Bardo Lanci
<p>UCC Discussions: Entering required SLOs and Course Outline, that were not entered during CIM implementation. No changes were made. No other discussion.</p>			
Change Item Description	Old	New	
Academic engagement minutes per term:		2250	
Student preparation minutes for a term:		4500	
CHEM 111: Introduction to Concepts of General Chemistry		Course Addition - Approved	Lanci Gurka
<p>UCC Discussions: A new course intended for students that lack the basic chemistry and/or algebra skills to be successful in CHEM 131. If students do not pass this placement exam, it will be recommended that they take CHEM 111 before CHEM 131. This preparatory course will also serve as a Natural Science Essential Learning and a GT-Pathways GT-SC2 course. No other discussion.</p>			
Change Item Description	Department Justification		
New Proposal: No differences to report	<p>CHEM 111 will be offered as a 3-credit course in order to better prepare students for General Chemistry 1 (CHEM 131). This course is intended for students that lack the basic chemistry and/or algebra skills to be successful in CHEM 131. It will be suggested that students take a chemistry placement exam to enroll in CHEM 131. If students do not pass this placement exam, it will be recommended that they take CHEM 111 before CHEM 131. This preparatory course will also serve as a Natural Science Essential Learning and a GT-Pathways GT-SC2 course.</p>		

CHEM 151: Engineering Chemistry-GTSC1	Course Modification - Approved	Lanci Gurka
<p>UCC Discussions: 1. Added MATH 119B: Trigonometry for Calculus as an option in the "concurrently enrolled" list of the prerequisites: - The new course MATH 119B corresponds to the second half of MATH 119 so it is an appropriate course in the "concurrently enrolled" list. Students in MATH 119B will have already passed MATH 119A: Algebra for Calculus so including MATH 119B may be redundant to the prerequisite of MATH 113 or higher, but we think including MATH 119B in the list makes it clear that MATH 119A is not appropriate as a course taken concurrently. -JA: Changed possible pre-req of CHEM 121/121L to CHEM 111, a new course that is intended to be a new entry point into 131/151.</p>		
Change Item Description	Old	New
Workload:	4	
Course name:	Engineering Chemistry	Engineering Chemistry-GTSC1
Course abbreviated schedule name:	Engineering Chemistry	Engineering Chemistry-GTSC1
Prerequisites:	MATH 113 or higher or concurrently enrolled in MATH 119, MATH 135, or MATH 151; CHEM 121/CHEM 121L or a passing score on the chemistry placement exam	MATH 113 or higher or concurrently enrolled in MATH 119, MATH 119B, MATH 135, or MATH 151; CHEM 111 or a passing score on the chemistry placement exam
CHEM 151L: Engineering Chemistry Laboratory-GTSC1	Course Modification - Approved	Lanci Gurka
<p>UCC Discussions: 1. Added MATH 119B: Trigonometry for Calculus as an option in the "concurrently enrolled" list of the prerequisites: - The new course MATH 119B corresponds to the second half of MATH 119 so it is an appropriate course in the "concurrently enrolled" list. Students in MATH 119B will have already passed MATH 119A: Algebra for Calculus so including MATH 119B may be redundant to the prerequisite of MATH 113 or higher, but we think including MATH 119B in the list makes it clear that MATH 119A is not appropriate as a course taken concurrently. For the CHEM 121 to 111 change: The chemistry program is creating a new class, CHEM 111, that is intended to be a preparation for CHEM 131 or CHEM 151. Students with strong chemistry backgrounds will easily pass the placement exam and not need to take CHEM 111. Students with weaker high school chemistry backgrounds can take CHEM 111 and explore the fundamental ideas of chemistry in some detail before taking CHEM 151/151L. No other discussion.</p>		
Change Item Description	Old	New
Workload:	1	
Course name:	Engineering Chemistry Laboratory	Engineering Chemistry Laboratory-GTSC1
Course abbreviated schedule name:	Engineering Chem Lab	Engineering Chem Lab-GTSC1
Prerequisites:	MATH 113 or concurrently enrolled in MATH 119, MATH 135, or MATH 151; CHEM 121/CHEM 121L or passing score on the chemistry assessment exam	MATH 113 or concurrently enrolled in MATH 119, MATH 119B, MATH 135, or MATH 151; CHEM 111 or passing score on the chemistry assessment exam

CISB 471: Advanced Information Systems	Course Modification - Approved	Lanci Bardo
<p>UCC Discussions: Cleaning up prerequisites as a component of the CISB 6-year review. CISB 310 is no longer offered. CISB 315 and CISB 470 are spring classes (along with CISB 471) and as listed prerequisites, have been delaying our CISB students' graduation, or requiring overrides to let the students take them concurrently. As this has become an increasingly frequent occurrence, and the theory in the two classes is not critical for CISB 471, the CISB faculty feel that removal of these two courses as prerequisites is justified. No other discussion.</p>		
Change Item Description	Old	New
<p>Course description for the catalog (do not list pre-reqs, co-reqs, and terms typically offered):</p>	<p>Capstone course for the BS in CIS, the BAS in CIS, and the BBA IS concentration. Integrates management information needs, decision-making criteria, and design of interactive user interfaces. Design and development of computerized management control systems for major functional modules of an organization investigated, utilizing database management systems, distributed processing and structured systems development.</p>	<p>Capstone course for the BS in CISB and the BAS in CISB. Integrates management information needs, decision-making criteria, and design of interactive user interfaces. Design and development of computerized management control systems for major functional modules of an organization will be investigated using database management systems, distributed processing, and structured systems development.</p>
<p>Prerequisites:</p>	<p>CISB 210, CISB 310, CISB 315, CISB 331, CISB 410, CISB 442, CISB 451, and CISB 470; or permission of instructor</p>	<p>CISB 210, CISB 331, CISB 410, CISB 442, CISB 451, and CISB 470</p>
<p>Academic engagement minutes per term:</p>		<p>2250</p>
<p>Student preparation minutes for a term:</p>		<p>4500</p>

ENGR 140: First-Year Engineering Project	Course Modification - Approved	Lanci Gurka
<p>UCC Discussions: 1) Add the new courses, MATH 119A: Algebra for Calculus and MATH 119B: Trigonometry for Calculus as an alternative prerequisite to MATH 119: Precalculus. Students who take the new "stretch" precalculus path (MATH 119A+MATH 119B) to calculus will no longer take MATH 119: Precalculus but will cover the equivalent content and therefore be prepared for ENGR 140: First-Year Engineering Project. 2) Course was previously listed as 'lecture/lab: vocational/technical', and was updated to 'lecture' to be consistent with other courses of similar format offered in the program. 3) SLOs and Topical Outline added (info was not transferred when CIM was implemented). 4) Course description was updated to begin with a noun phrase and remove pedagogical elements. No other discussion.</p>		
Change Item Description	Old	New
<p>Type of Instructional Activity: Course description for the catalog (do not list pre-reqs, co-reqs, and terms typically offered):</p>	<p>Lecture/Lab: Vocational/Tech Provides first-year engineering students with the opportunity to apply mathematic and scientific skills in interdisciplinary engineering projects. Students work in teams to design and build engineering projects under the guidance of engineering faculty. Prototype projects are exhibited at an end-of-semester design expo.</p>	<p>Lecture Introduction to the application of mathematic and scientific skills in interdisciplinary engineering projects. Includes elements of teamwork, project management, engineering design and prototyping, and project documentation.</p>
Prerequisites:	MATH 119 or higher	MATH 119; or MATH 119A and MATH 119B
Lecture:	1	3
Lab:	4	
Total Contact Hours:	5	3
Academic engagement minutes per term:		2250
Student preparation minutes for a term:		4500

ENGR 224: Materials Science	Course Modification - Approved	Lanci Gurka
<p>UCC Discussions: 1) Prerequisites were updated to allow CHEM 151/151L or CHEM 131/131L. Both chemistry courses satisfy the necessary prerequisite knowledge for students taking ENGR 224. Since CHEM 151/151L is not being offered every fall and spring semester, allowing either chemistry course as a prereq allows students increased flexibility in scheduling. 2) Topical course outline and SLOs added since this information did not transfer into CIM. 3) Course description was modified to replace phrasing that could be construed as pedagogy. No other discussion.</p>		
Change Item Description	Old	New
<p>Course description for the catalog (do not list pre-reqs, co-reqs, and terms typically offered):</p>	<p>Structure, properties, and processing of metallic, polymeric, ceramic, and composite materials. Perfect and imperfect solids; phase equilibria; transformation kinetics; mechanical behavior; material degradation. Approach incorporates both materials science and materials engineering components.</p>	<p>Structure, properties, and processing of metallic, polymeric, ceramic, and composite materials. Perfect and imperfect solids; phase equilibria; transformation kinetics; mechanical behavior; material degradation. Includes both materials science and materials engineering components.</p>
Prerequisites:	CHEM 151/CHEM 151L and PHYS 131/PHYS 131L	CHEM 151/CHEM 151L or CHEM 131/CHEM 131L; and PHYS 131/PHYS 131L
Academic engagement minutes per term:		1500
Student preparation minutes for a term:		3000
ENGR 224L: Materials Science Laboratory	Course Modification - Approved	Lanci Gurka
<p>UCC Discussions: 1) Prerequisites were updated to allow CHEM 151/151L or CHEM 131/131L. Both chemistry courses satisfy the necessary prerequisite knowledge for students taking ENGR 224. Since CHEM 151/151L is not being offered every fall and spring semester, allowing either chemistry course as a prereq allows students increased flexibility in scheduling. 2) Topical course outline and SLOs added since this information did not transfer into CIM. 3) Course description changed to meet new curriculum requirements for course descriptions. No other discussion.</p>		
Change Item Description	Old	New
<p>Course description for the catalog (do not list pre-reqs, co-reqs, and terms typically offered):</p>	Lab component for ENGR 224.	<p>Hands-on application of topics learned in lecture. Includes mechanical testing, determination of material properties, thermal processing, and technical reporting. Lab component for ENGR 224.</p>
Prerequisites:	CHEM 151/CHEM 151L and PHYS 131/PHYS 131L	CHEM 151/CHEM 151L or CHEM 131/CHEM 131L; and PHYS 131/PHYS 131L
Academic engagement minutes per term:		1500

Student preparation minutes for a term: 750

GEOG 102: Human Geography-GTSS2	Course Modification - Approved	Bardo Lanci
UCC Discussions: Entering required SLOs and Course Outline, that were not entered during CIM implementation. No changes were made. No other discussion.		
Change Item Description	Old	New
Academic engagement minutes per term:		2250
Student preparation minutes for a term:		4500
Is there overlapping content with present courses offered?		Yes
Explain:		In GEOG 102, we cover the topics in general, and only those that are human related. In GEOG 103, we cover all the topics listed in human plus physical geography by each region. We cover 1 region per week.

GEOG 103: World Regional Geography-GTSS2	Course Modification - Approved	Bardo Lanci
UCC Discussions: Entering required SLOs and Course Outline, that were not entered during CIM implementation. No changes were made. No other discussion.		
Change Item Description	Old	New
Academic engagement minutes per term:		2250
Student preparation minutes for a term:		4500
Is there overlapping content with present courses offered?		Yes
Explain:		In GEOG 102, we cover the topics in general, and only those that are human related. In GEOG 103, we cover all the topics listed in human plus physical geography by each region. We cover 1 region per week.

KINA 108A: Stand Up Paddle Boarding	Course Inactivation - Approved	Gurka Lanci
<p>UCC Discussions: This course is being replaced by OREC 108 - Stand Up Paddle Boarding. This course is a requirement to graduate in the Outdoor Recreation Industry Studies program. No other discussion.</p>		
Change Item Description	Department Justification	
Delete Proposal: No differences to report	This course is being replaced by OREC 108 - Stand Up Paddle Boarding. This course is a requirement to graduate in the Outdoor Recreation Industry Studies program. The course is supervised and administered by the OREC program. We are proposing to change the name of this course to have an OREC prefix. That change is in the workflow. This current course will then need to be inactivated.	
KINA 109: Kayaking	Course Inactivation - Approved	Gurka Lanci
<p>UCC Discussions: This course is being replaced by OREC 109 - Kayaking. This course is a requirement to graduate in the Outdoor Recreation Industry Studies program. No other discussion.</p>		
Change Item Description	Department Justification	
Delete Proposal: No differences to report	This course is being replaced by OREC 109 - Kayaking. This course is a requirement to graduate in the Outdoor Recreation Industry Studies program. The course is supervised and administered by the OREC program. We are proposing to change the name of this course to have an OREC prefix. That change is in the workflow. This current course will then need to be inactivated.	
KINA 110: River Rafting	Course Inactivation - Approved	Gurka Lanci
<p>UCC Discussions: This course is being replaced by OREC 110 - River Rafting. This course is a requirement to graduate in the Outdoor Recreation Industry Studies program. No other discussion.</p>		
Change Item Description	Department Justification	
Delete Proposal: No differences to report	This course is being replaced by OREC 110 - River Rafting. This course is a requirement to graduate in the Outdoor Recreation Industry Studies program. The course is supervised and administered by the OREC program. We are proposing to change the name of this course to have an OREC prefix. That change is in the workflow. This current course will then need to be inactivated.	
KINA 111A: Rock Climbing II	Course Inactivation - Approved	Gurka Lanci
<p>UCC Discussions: This course is being replaced by OREC 112 - Rock Climbing II. This course is a requirement to graduate in the Outdoor Recreation Industry Studies program. No other discussion.</p>		
Change Item Description	Department Justification	
Delete Proposal: No differences to report	This course is being replaced by OREC 112 - Rock Climbing II. This course is a requirement to graduate in the Outdoor Recreation Industry Studies program. The course is supervised and administered by the OREC program. We are proposing to change the name of this course to have an OREC prefix. That change is in the workflow. This current course will then need to be inactivated.	

KINA 120: Backpacking	Course Inactivation - Approved	Gurka Lanci
UCC Discussions: This course is being replaced by OREC 105 - Backpacking. This course is a requirement to graduate in the Outdoor Recreation Industry Studies program. No other discussion.		
Change Item Description	Department Justification	
Delete Proposal: No differences to report	This course is being replaced by OREC 105 - Backpacking. This course is a requirement to graduate in the Outdoor Recreation Industry Studies program. The course is supervised and administered by the OREC program. We are proposing to change the name of this course to have an OREC prefix. That change is in the workflow. This current course will then need to be inactivated.	
KINA 135A: Backcountry Winter Travel	Course Inactivation - Approved	Gurka Lanci
UCC Discussions: This course is being replaced by OREC 135 - Back Country Winter Travel. Although the prefix will change, we request that this course will be available to all students to meet the needs of the Health and Wellness credit required for graduation. No other discussion.		
Change Item Description	Department Justification	
Delete Proposal: No differences to report	KINA 135A Back Country Winter Travel is being renamed to OREC 135, Back Country Winter Travel. KINA 135A is no longer needed and is being deleted.	
KINA 143: Orienteering	Course Inactivation - Approved	Gurka Lanci
UCC Discussions: This course is being replaced by OREC 104 - Orienteering. Although the prefix will change, we request that this course will be available to all students to meet the needs of the Health and Wellness credit required for graduation. No other discussion.		
Change Item Description	Department Justification	
Delete Proposal: No differences to report	This course is being replaced by OREC 104 - Orienteering. This change was reviewed and approved by Department of Kinesiology faculty in the department meeting in September, 2021. Although the prefix will change, we request that this course will be available to all students to meet the needs of the Health and Wellness credit required for graduation.	

KINE 345: Survey of Economics and Finance in Sport	Course Modification - Approved	Lanci Bardo
<p>UCC Discussions: KINE 205 is the Intro to Sport Management and the program. This course provides the student with an overview of the industry as well as expectations of the program. Students who struggle with the introduction course often struggle at upper level courses within the program. By requiring KINE 205 prior to this course (KINE 345) students have time to make adjustments to be successful. No other discussion.</p>		
<p>Change Item Description Course description for the catalog (do not list pre-reqs, co-reqs, and terms typically offered): Prerequisites: Academic engagement minutes per term: Student preparation minutes for a term:</p>	<p>Old The economic, financial, and managerial accounting concepts for sport. ECON 201</p>	<p>New Economic, financial, and managerial accounting concepts for sport. ECON 201 and KINE 205 2250 4500</p>
MANG 242: Intro to The Point: Experiential Management I	Course Addition - Approved pending changes to topical course outline	Lanci Hosterman
<p>UCC Discussions: New course set as precursor to MANG 442 to help introduce running The Point to allow for better continuity. No other discussion.</p>		
<p>Change Item Description New Proposal: No differences to report</p>	<p>Department Justification The Point class has been offered for eight years. It has been very difficult to start the business over again every semester. This course will allow the students to learn about running the business in the Introductory course and then provide continuity by allowing these students to take MANG442 and know how to run the business at the beginning of that course.</p>	
MASS 315E: Specialized Writing for Media: Arts Journalism	Course Addition - Approved	Bardo Gurka
<p>UCC Discussions: New course developed to deal with the specific details related to Arts Journalism, and works as an elective choice in companion to our other specialized writing courses. No other discussion.</p>		
<p>Change Item Description New Proposal: No differences to report</p>	<p>Department Justification Mass Communication is in the works of submitting an Arts Journalism certificate. We felt that none of our existing courses fit this particular type of writing. So, this course has been developed to deal with the specific details related to Arts Journalism, and works as an elective choice in companion to our other specialized writing courses.</p>	

MATH 119: Precalculus Mathematics-GTMA1	Course Modification - Approved	Lanci Bardo
<p>UCC Discussions: 1. Change Course Description: Optional additional topics from the course description removed. 2. Prerequisite change: Part of our ESSL Math course redesigns is to keep MATH 113 focused as a terminal course and to move those students needing Calculus into a "stretch" precalculus sequence (new courses). MATH 113 will no longer be an appropriate course for those needing calculus. It will be removed from the prerequisite list. Students who start in MATH 113 and then change their major to one requiring Calculus can take the ALEKS placement test to determine math class (MATH 119 or MATH 119A or calculus). 3. Essential Learning - Previously an Essential Learning course and the modifications to the course description should not affect that status. No other discussion.</p>		
Change Item Description	Old	New
Course description for the catalog (do not list pre-reqs, co-reqs, and terms typically offered):	An in-depth treatment of the mathematics essential to Calculus. Topics include the Cartesian plane, functions; polynomial, rational, exponential, logarithmic, inverse, circular and trigonometric functions; solving inequalities and systems of equations Additional topics may include matrices, determinants and vectors.	In-depth treatment of the mathematics essential to Calculus. Topics include linear, polynomial, rational, exponential, logarithmic, inverse, and trigonometric functions.
Prerequisites:	MATH 113 or equivalent, or appropriate mathematics placement test score	Appropriate mathematics placement test score
Academic engagement minutes per term:		3750
Student preparation minutes for a term:		7500
Is there overlapping content with present courses offered? Explain:		Yes Content overlaps with the current MATH 113: College Algebra. It is typical in (lower-level) mathematics to spiral the curriculum so that students see the material again as they grow in their mathematical maturity. Currently MATH 113: College Algebra is a prerequisite for MATH 119, however, with our redesign of Essential Learning mathematics courses and pathways, this will no longer be the case. Instead, MATH 113 will be dedicated to those students not needing to take additional math courses while those students needing Calculus will have a shorter path (fewer credits required) by taking the more skills-focused MATH 119 course.

MATH 119A: Algebra for Calculus

Course Addition - Approved

Flanigan | Bardo

UCC Discussions: New course to divert students using MATH 113 as a prerequisite to MATH 119. MATH 119A will serve as part of a 2-course sequence prerequisite for MATH 151 which will allow MATH 113 to become a terminal math course. Will pursue GT Pathways. No other discussion.

Change Item Description

Department Justification

New Proposal: No differences to report

The Department of Mathematics and Statistics aims to serve students and programs across campus in a way that is valuable and relevant to students in their respective programs while also highlighting the importance and usefulness of quantitative and analytical thinking. Our current focus is to create a College Algebra course that meets the needs of the programs that use it as a terminal course. The first step in this process is to divert those students who use MATH 113: College Algebra as a prerequisite to MATH 119: Precalculus and ultimately calculus. So, we are creating this MATH 119A: Algebra for Calculus which will serve that purpose and allow MATH 113 become a terminal math course. We used the number MATH 119A in order to make the connection to MATH 119 as the prereq for Calculus clear. The course title, Algebra for Calculus, also makes the intent of the course clear. Paired with MATH 119B: Trigonometry for Calculus (also being proposed as a new course), the two courses will create a 7-credit stretch sequence to replace the MATH 113-MATH 119 (9 credit) sequence for student not prepared for MATH 119. These changes are in line with state and nationwide initiatives to design/define mathematics pathways relevant to the programs offered. Decisions made throughout the entire redesign process (MATH 110, MATH 113, MATH 119) are based on studies and recommendations by professional mathematics organizations including the Mathematical Association of America.

MATH 119B: Trigonometry for Calculus

Course Addition - Approved

Flanigan | Bardo

UCC Discussions: New course to divert students using MATH 113 as a prerequisite to MATH 119. MATH 119B will serve as part of a 2-course sequence prerequisite for MATH 151 which will allow MATH 113 to become a terminal math course. No other discussion.

Change Item Description

Department Justification

New Proposal: No differences to report

The Department of Mathematics and Statistics aims to serve students and programs across campus in a way that is valuable and relevant to students in their respective programs while also highlighting the importance and usefulness of quantitative and analytical thinking. Our current focus is to create a College Algebra course that meets the needs of the programs that use it as a terminal course. The first step in this process is to divert those students who use MATH 113: College Algebra as a prerequisite to MATH 119: Precalculus and ultimately calculus. So, we are creating a stretch precalculus sequence - MATH 119A: Algebra for Calculus and MATH 119B: Trigonometry for Calculus for students who are not ready for MATH 119. This will allow MATH 113 become a terminal math course. We used the numbers MATH 119A and MATH 119B in order to make the connection to MATH 119 as the prereq for Calculus clear. The course title, Trigonometry for Calculus, also makes the intent of the course clear. Paired with MATH 119A: Algebra for

Calculus (also being proposed as a new course), the two courses will create a 7-credit stretch sequence to replace the MATH 113-MATH 119 (9 credit) sequence for students not prepared for MATH 119. These changes are in line with state and nationwide initiatives to design/define mathematics pathways relevant to the programs offered. Decisions made throughout the entire redesign process (MATH 110, MATH 113, MATH 119) are based on studies and recommendations by professional mathematics organizations including the Mathematical Association of America.

MATH 135: Engineering Calculus I	Course Modification - Approved	Lanci Bardo
<p>UCC Discussions: 1. Course description - edited slightly for clarity and consistency with MATH 151: Calculus I.2. Added the new stretch version of MATH 119: Precalculus, MATH 119A and MATH 119B, as an alternative prerequisite. The creation of those courses was for the purpose of creating a pathway to calculus from algebra that was more streamlined and did not make use of the MATH 113: College Algebra course. Students who take MATH 119A must take and pass (C or better) both MATH 119A and MATH 119B to meet the prerequisite for MATH 151.3. SLOs and topical outline added as required. No other discussion.</p>		
Change Item Description	Old	New
<p>Course description for the catalog (do not list pre-reqs, co-reqs, and terms typically offered):</p>	<p>Introduction to differentiation and integration of functions of a single variable. Emphasis on computational aspects. Includes functions, limits, continuity, differentiation, related rates, optimization problems, graphing, integration and applications.</p>	<p>Introduction to differentiation and integration of functions of a single variable. Emphasis on computational aspects. Includes functions, limits, continuity, differentiation, related rates, optimization, graphing, integration, and volumes.</p>
<p>Prerequisites:</p>	<p>MATH 119, or appropriate mathematics placement score</p>	<p>MATH 119, or MATH 119A and MATH 119B, or appropriate mathematics placement score</p>
<p>Academic engagement minutes per term:</p>		<p>3000</p>
<p>Student preparation minutes for a term:</p>		<p>6000</p>
<p>Is there overlapping content with present courses offered?</p>		<p>Yes</p>
<p>Explain:</p>		<p>This existing course has overlapping content with the existing course MATH 151: Calculus I, and some overlapping Content with MATH 146: Calculus for Biological Sciences (to be modified) and MATH 121: Calculus for Business (to be inactivated). This course (MATH 135) exists to help meet the guidelines of the CU</p>

Engineering program. The only significant change in this proposal is to add the new MATH 119A + MATH 119B to the prerequisite option.

MATH 151: Calculus I-GT-MA1	Course Modification - Approved	Lanci Bardo
<p>UCC Discussions: 1. Course description - replaced min-max with optimization as it is more accurate language for the topic and removed "applications" with the relevant application of volumes. 2. Added the new stretch version of MATH 119: Precalculus, MATH 119A and MATH 119B, as an alternative prerequisite. The creation of those courses was for the purpose of creating a pathway to calculus from algebra that was more streamlined and did not make use of the MATH 113: College Algebra course. Students who take MATH 119A must take and pass (C or better) both MATH 119A and MATH 119B to meet the prerequisite for MATH 151. 3. SLOs and topical outline added as required. No other discussion.</p>		
Change Item Description	Old	New
Course description for the catalog (do not list pre-reqs, co-reqs, and terms typically offered):	An introduction to differentiation and integration of functions of a single variable. Topics include functions, limits, continuity, differentiation, related rates, min-max problems, graphing, integration and applications.	Introduction to differentiation and integration of functions of a single variable. Topics include functions, limits, continuity, differentiation, related rates, optimization, graphing, integration, and volumes.
Prerequisites:	MATH 119, or appropriate mathematics placement test score	MATH 119, or MATH 119A and MATH 119B, or appropriate mathematics placement test score
Academic engagement minutes per term:		3750
Student preparation minutes for a term:		7500
Is there overlapping content with present courses offered? Explain:		Yes This existing course has overlapping content with the existing course MATH 135: Calculus for Engineering and some overlapping Content with MATH 146: Calculus for Biological Sciences (to be modified) and MATH 121: Calculus for Business (to be inactivated). The only significant change in this proposal is to add the new MATH 119A + MATH 119B to the prerequisite option.

OREC 100: Leave No Trace			Course Addition - Approved	Lanci Bardo
UCC Discussions: New course covering the Leave No Trace (LNT) ethic which is foundational to any career or activity in the outdoor recreation industry. No other discussion.				
Change Item Description		Department Justification		
New Proposal: No differences to report		The Leave No Trace (LNT) ethic is foundational to any career or activity in the outdoor recreation industry. Although we incorporate elements of this ethic into each OREC course, the LNT curricula is vital and foundational to each course, and frankly, the future of the outdoor recreation industry. This course validates the academic pursuit of the OREC degree at CMU.		
OREC 104: Orienteering			Course Addition - Approved	Lanci Bardo
UCC Discussions: New course replacing KINA 143: Orienteering as part of effort to redesignate several KINA courses that are now supervised and administered by the OREC program. No other discussion.				
Change Item Description		Department Justification		
New Proposal: No differences to report		This course is supervised and administered by the OREC program, and is a required course to graduate. There are no changes in content or course outline. This is only a change to an OREC designation. Request that this course will be available to all students to meet the needs of the Health and Wellness credit required for graduation.		
OREC 105: Backpacking			Course Addition - Approved	Lanci Bardo
UCC Discussions: New course replacing KINA120 as part of effort to redesignate several KINA courses that are now supervised and administered by the OREC program. No other discussion.				
Change Item Description		Department Justification		
New Proposal: No differences to report		This course is supervised and administered by the OREC program, and is a required course to graduate. There are no changes in content or course outline. This is only a change to an OREC designation. Request that this course will be available to all students to meet the needs of the Health and Wellness credit required for graduation.		
OREC 108: Stand Up Paddle Boarding			Course Addition - Approved	Lanci Bardo
UCC Discussions: New course replacing KINA108A as part of effort to redesignate several KINA courses that are now supervised and administered by the OREC program. No other discussion.				
Change Item Description		Department Justification		
New Proposal: No differences to report		This course is supervised and administered by the OREC program, and is a required course to graduate. There are no changes in content or course outline. This is only a change to an OREC designation. Request that this course will be available to all students to meet the needs of the Health and Wellness credit required for graduation.		

OREC 109: Kayaking		
	Course Addition - Approved	Lanci Bardo
UCC Discussions: New course replacing KINA109 as part of effort to redesignate several KINA courses that are now supervised and administered by the OREC program. No other discussion.		
Change Item Description	Department Justification	
New Proposal: No differences to report	This course is supervised and administered by the OREC program, and is a required course to graduate. There are no changes in content or course outline. This is only a change to an OREC designation. Request that this course will be available to all students to meet the needs of the Health and Wellness credit required for graduation.	
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OREC 110: River Rafting		
	Course Addition - Approved	Lanci Bardo
UCC Discussions: New course replacing KINA110 as part of effort to redesignate several KINA courses that are now supervised and administered by the OREC program. No other discussion.		
Change Item Description	Department Justification	
New Proposal: No differences to report	This course is supervised and administered by the OREC program, and is a required course to graduate. There are no changes in content or course outline. This is only a change to an OREC designation. Request that this course will be available to all students to meet the needs of the Health and Wellness credit required for graduation.	
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OREC 112: Rock Climbing II		
	Course Addition - Approved	Lanci Bardo
UCC Discussions: New course replacing KINA111A as part of effort to redesignate several KINA courses that are now supervised and administered by the OREC program. No other discussion.		
Change Item Description	Department Justification	
New Proposal: No differences to report	This course is supervised and administered by the OREC program, and is a required course to graduate. There are no changes in content or course outline. This is only a change to an OREC designation. Request that this course will be available to all students to meet the needs of the Health and Wellness credit required for graduation.	
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OREC 135: Backcountry Winter Travel		
	Course Addition - Approved	Lanci Bardo
UCC Discussions: New course replacing KINA135A as part of effort to redesignate several KINA courses that are now supervised and administered by the OREC program. No other discussion.		
Change Item Description	Department Justification	
New Proposal: No differences to report	This course is supervised and administered by the OREC program, and is a required course to graduate. There are no changes in content or course outline. This is only a change to an OREC designation. Request that this course will be available to all students to meet the needs of the Health and Wellness credit required for graduation.	

SPCH 203: Persuasion	Course Modification - Approved	Lanci Gurka
<p>UCC Discussions: The current prerequisites are not necessary to meet student communication goals and/or expand their communication skills in this 200-level communication course. Any necessary knowledge from 100 level classes will be discussed and reviewed in this 200-level class. No other discussion.</p>		
Change Item Description	Old	New
<p>Course description for the catalog (do not list pre-reqs, co-reqs, and terms typically offered):</p>	<p>Open discussions on the ethics, process, and application of everyday use of persuasion; how it applies to our advertisements, politics, and friendships; preparation for debate.</p>	<p>Open discussions on the ethics, process, and application of everyday use of persuasion; how it applies to advertisements, politics, and friendships; preparation for debate.</p>
<p>Prerequisites:</p>	<p>SPCH 102</p>	
<p>Academic engagement minutes per term:</p>		<p>2250</p>
<p>Student preparation minutes for a term:</p>		<p>4500</p>
SPCH 308: Argumentation and Debate	Course Modification - Approved	Lanci Gurka
<p>UCC Discussions: Students need basic public speaking skills as a base to build from in the argumentation-focused assignments. ESSL200 and SPCH102 provide that speaking foundation. The previously listed SPCH203 does not. No other discussion.</p>		
Change Item Description	Old	New
<p>Prerequisites:</p>	<p>SPCH 102 or SPCH 203 or permission of instructor</p>	<p>ESSL 200 or SPCH 102</p>
<p>Academic engagement minutes per term:</p>		<p>2250</p>
<p>Student preparation minutes for a term:</p>		<p>4500</p>