

UNIVERSITY CURRICULUM COMMITTEE AGENDA
Friday, November 5, 2021 at 11:00 a.m.
Virtual Meeting via Microsoft Teams

If you are unable to attend or will be sending a substitute, please notify UCC Chair Brad Goetz (1-7690) or Curriculum@colostate.edu (1-2816) prior to the meeting.

Please note: Proposed curriculum changes are summarized below. Additional details may be viewed in the Curriculum Management (CIM) system by clicking on the [hyperlinked](#) course number or program title.

ANNOUNCEMENTS

1. Upcoming [UCC deadlines](#) for completed proposals to be approved out of the college or SAU workflow:
 - **11/12/21** for Spring 2022 experimental courses
 - **12/10/21** for:
 - Summer 2022 new courses
 - Fall 2022 changes to existing courses
 - Fall 2022 changes to existing program requirements
 - Fall 2022 program deactivations, title changes, new concentrations/specializations/minors/UG certs
 - **1/7/22** for Spring 2023 new degrees and graduate certificates
 - **1/28/22** for Fall 2022 new courses

MINUTES

The minutes of October 29, 2021.

OTHER BUSINESS

Discussion Items	
Topic	Notes
AUCC 3E to 1C transition	
Overlapping content and affected department review	Working document from Associate Deans: Best Practices for developing new courses and programs: facilitating positive communication among departments and colleges
Multi-level courses	UCC Handbook > Courses Taught at More Than One Level (page 6):
BA vs. BS degrees	See documents uploaded to: FileShare > UCC Agenda > 09-28-18 Discussion Meeting > BA vs. BS
UCC Committee Responsibilities and Operating Procedures	See text on the Curriculum website here: https://curriculum.colostate.edu/ucc-responsibilities-procedures/
University Policies Regarding Degrees and Programs of Study – Undergraduate	See documents uploaded to and links below: FileShare > UCC Agenda > 09-28-18 Discussion Meeting > Minors and Interdisciplinary Minors <ul style="list-style-type: none"> • Curricular Policies and Procedures Manual, General Catalog – Glossary, General Catalog – Degree Requirements

OLD BUSINESS

None!

NEW BUSINESS

New Courses – Spring 2022			
Course #	Course Title	Notes	Effective Term
<i>Intra-University/ Walter Scott, Jr. College of Engineering</i>			
MECH 436/ MSE 436	Green Engineering—Materials and Environment	Previously offered as experimental course MECH 481A4 .	Spring 2022
MSE 523/ ECE 523	Electronic Properties of Materials	Previously offered as experimental courses: MSE 580B7/ECE 580B7 MSE 580B8/ECE 580B8 MSE 580C2/ECE 580C2	Spring 2022

Study Abroad Course – 1 st Provisional Offering			
Course #	Course Title	Notes	Effective Term
<i>College of Liberal Arts</i>			
HIST 382F/ ANTH 382F	Study Abroad—England: Edge of Empire	3 cr. (<i>travel in Summer; hybrid coursework in Fall</i>) Travel dates: 8/6/22-8/16/22 (11 days)	Fall 2022

Major Changes to Courses			
Course #	Course Title	Notes	Effective Term
<i>College of Liberal Arts</i>			
ART 260	Painting I—Fundamentals and Representation Beginning Painting	<ul style="list-style-type: none"> Edits to course title and description. 	Fall 2022
ART 360	Painting II—Ideation Methods and Concept Development Materials	<ul style="list-style-type: none"> Edits to course title and description. Edit to offering term: Fall Spring Edit to prerequisites: ART 260 ART 361 	Fall 2022
ART 361	Figure Painting III-- Experimental Approaches	<ul style="list-style-type: none"> Edits to course title and description. Edit to offering term: Spring Fall Edit to prerequisites: ART 360 ART 235 and ART 260 	Fall 2022
ART 460	Advanced Painting IV— Portfolio Projects I	<ul style="list-style-type: none"> Edits to course title and description. Edit to offering term: Fall, Spring Edit to prerequisites: ART 361 ART 360 	Fall 2022
ART 461	Painting V—Capstone Portfolio Projects Advanced Painting II	<ul style="list-style-type: none"> Edits to course title and description. Edit to offering term: Fall, Summer Spring <p><i>Existing AUCC 4C course.</i></p>	Fall 2022
HIST 436	The Holy Land—Ancient to Modern The Land of Israel— Past and Present	<ul style="list-style-type: none"> Edits to course title and description. Edit to offering term: Fall Spring 	Fall 2022

SOC 322	Introduction to Environmental Justice	• Edits to course title and description.	Fall 2022
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New Courses			
Course #	Course Title	Notes	Effective Term
<i>College of Liberal Arts</i>			
HIST 313	Law and Justice in Medieval Europe	Previously offered as experimental course HIST 381A4 .	Fall 2022
MU 101	Artist's Guide to Wellness	1 cr.; previously offered as experimental course MU 180A2 .	Fall 2022
PPA 576	Social Equity in Public Service	Graduate only.	Fall 2022
<i>Warner College of Natural Resources</i>			
GEOL 440	Geodetic and Near-Surface Geophysical Methods	4 cr.; previously offered as experimental course GEOL 480A4 .	Fall 2022

CONSENT AGENDA

Experimental Courses – 1st Offering			
Course #	Course Title	Notes/Changes	Effective Term
<i>Intra-University</i>			
IU 180A2	Thinking Toward a Thriving Planet		Spring 2022
<i>College of Health and Human Sciences</i>			
EDHE 680A3	Identity and Cultural Centers	1 cr.; partial semester.	Spring 2022
<i>College of Liberal Arts</i>			
D 180A2	Dances of the African Diaspora	2 cr.; requires written consent of instructor.	Spring 2022
MU 480A6	Historical Performance Practice		Spring 2022
MU 480A7	Teaching Secondary Emerging Music Courses: Music Education	2 cr.; requires written consent of instructor.	Spring 2022
<i>Walter Scott, Jr. College of Engineering</i>			
BIOM 380A2	Global Challenges and Collaborations in BME	Mixed Face-to-Face only.	Spring 2022
ECE 580C4	Satellite Data Analysis		Spring 2022
ECE 580C5	Global Navigation Satellite Systems		Spring 2022
SYSE 580A4	Space Mission Analysis and Design		Spring 2022
SYSE 580A5	Teaching and Training Using Immersive Tech.		Spring 2022
SYSE 780A1	Research Methods in Systems Engineering		Spring 2022

Warner College of Natural Resources/College of Agricultural Sciences			
ESS 580A7/ SOCR 580A7	Introduction to Environmental Data Science	2 cr.; partial semester; Mixed Face-to-face only.	Spring 2022
ESS 580A8/ SOCR 580A8	Environmental Data Science Applications: Food and Agriculture	2 cr.; partial semester.	Spring 2022
Warner College of Natural Resources			
ESS 580A9	Environmental Data Science Applications: Water Resources	2 cr.; partial semester.	Spring 2022

Minor Changes to Courses			
Course #	Course Title	Notes/Changes	Effective Term
College of Agricultural Sciences			
ANEQ 366	Animal Welfare Evaluation	• Edit to offering term: Spring Fall <i>Submitted in CIM as a Major Change.</i>	Fall 2022
ANEQ 410	Applied Food Animal Behavior	• Edit to prerequisites: ANEQ 305 <u>with a minimum grade of C.</u> <i>Submitted in CIM as a Major Change.</i>	Fall 2022
AREC 415	International Agricultural Trade	• Edit to prerequisites: AREC 310 and ECON 204 <i>Submitted in CIM as a Major Change.</i>	Fall 2022
College of Liberal Arts			
LSPA 492	Seminar-Spanish Language, Literature, Society	• Edit to prerequisites: (LSPA 310) and (LSPA 400 to 479 – at least <u>6 credits</u>). 2 courses Existing AUCC 4B/4C course. <i>Submitted in CIM as a Major Change.</i>	Fall 2022
College of Natural Sciences			
MATH 118	College Algebra in Context II	• Edit to Add'l Reg Info: MATH 117 <u>or Math Placement Tool required.</u> Mathematics Placement Examination or Mathematics Challenge Examination required. Existing AUCC 1B course. <i>Submitted in CIM as a Major Change.</i>	Summer 2022
MATH 124	Logarithmic and Exponential Functions	• Edit to Add'l Reg Info: MATH 118 <u>or Math Placement Tool required.</u> Mathematics Placement Examination or Mathematics Challenge Examination required. Existing AUCC 1B course. <i>Submitted in CIM as a Major Change.</i>	Summer 2022
MATH 125	Numerical Trigonometry	• Edit to Add'l Reg Info: MATH 118 <u>or Math Placement Tool required.</u> Mathematics Placement Examination or Mathematics Challenge Examination required. Existing AUCC 1B course. <i>Submitted in CIM as a Major Change.</i>	Summer 2022
MATH 126	Analytic Trigonometry	• Edit to Add'l Reg Info: MATH 125 <u>or Math Placement Tool required.</u> Mathematics Placement Examination or Mathematics Challenge Examination required. Existing AUCC 1B course. <i>Submitted in CIM as a Major Change.</i>	Summer 2022
MATH 157	One Year Calculus 1A	• Edit to prerequisites: <u>MATH 117 and MATH 125 and</u> (MATH 124, may be taken concurrently) and (MATH 126, <u>may be taken concurrently</u>). Existing AUCC 1B course. <i>Submitted in CIM as a Major Change.</i>	Fall 2022
MATH 159	One Year Calculus 1B	• Edit to prerequisites: <u>MATH 124; MATH 126;</u> MATH 157. Existing AUCC 1B course. <i>Submitted in CIM as a Major Change.</i>	Fall 2022

MATH 331	Introduction to Mathematical Modeling	<ul style="list-style-type: none"> Edit to prerequisites: MATH 161, may be taken concurrently and MATH 229, may be taken concurrently <u>or DSCI 369, may be taken concurrently</u> or MATH 369, may be taken concurrently). 	Fall 2022
MATH 345	Differential Equations	<ul style="list-style-type: none"> Edit to prerequisites: <u>(MATH 255 or MATH 261) and (MATH 229 or DSCI 369 or MATH 369).</u> (MATH 229 or MATH 369) and (MATH 525 or MATH 261). 	Fall 2022
MATH 360	Mathematics of Information Security	<ul style="list-style-type: none"> Edit to prerequisites: <u>(MATH 156 or MATH 161) and (MATH 229 or DSCI 369 or MATH 369).</u> (MATH 229 or MATH 369) and (MATH 361). 	Fall 2022
MATH 435	Projects in Applied Mathematics	<ul style="list-style-type: none"> Edit to prerequisites: <u>(CS 150A or CS 150B or CS 152 or CS 163 or CS 164 or CS 165 or CS 253 or MATH 151) and (MATH 255 or MATH 261).</u> (CS 156 or CS 163 or CS 164 or CS 253 or MATH 151) and (MATH 229 or MATH 369) and (MATH 340 or MATH 345). <p>Existing AUCC 4C course. <i>Submitted in CIM as a Major Change.</i></p>	Fall 2022
MATH 450	Introduction to Numerical Analysis I	<ul style="list-style-type: none"> Edit to prerequisites: <u>(CS 150A or CS 150B or CS 152 or CS 163 or CS 164 or CS 165 or CS 253 or MATH 151) and (MATH 255 or MATH 261).</u> (CS 156 or CS 163 or CS 164 or CS 253 or MATH 151) and (MATH 255 or MATH 261). 	Fall 2022
MATH 451	Introduction to Numerical Analysis II	<ul style="list-style-type: none"> Edit to prerequisites: <u>CS 150A or CS 150B or CS 152 or CS 163 or CS 164 or CS 165 or CS 253 or MATH 151) and (MATH 340 or MATH 345).</u> (CS 156 or CS 163 or CS 164 or CS 253 or MATH 151) and (MATH 340 or MATH 345). 	Fall 2022
MATH 460	Information and Coding Theory	<ul style="list-style-type: none"> Edit to prerequisites: <u>(MATH 360 or MATH 366) and (DSCI 369 or MATH 369).</u> MATH 360 and MATH 369 or MATH 366. 	Fall 2022
MATH 467	Abstract Algebra II	<ul style="list-style-type: none"> Edit to prerequisites: <u>DSCI 369, may be taken concurrently or MATH 369, may be taken concurrently; MATH 466, MATH 466 and MATH 369, may be taken concurrently.</u> 	Fall 2022
MATH 469	Linear Algebra II	<ul style="list-style-type: none"> Edit to prerequisites: <u>MATH 161 and (DSCI 369 or MATH 369).</u> 	Fall 2022
MATH 470	Euclidean and Non-Euclidean Geometry	<ul style="list-style-type: none"> Edit to prerequisites: <u>(MATH 261) and MATH 229 or DSCI 369 or MATH 369</u> (MATH 229 or MATH 369) and (MATH 261). 	Fall 2022
MATH 474	Introduction to Differential Geometry	<ul style="list-style-type: none"> Edit to prerequisites: <u>(MATH 261) and (DSCI 369 or MATH 369)</u> MATH 261 and MATH 369. 	Fall 2022
College of Veterinary Medicine and Biomedical Sciences			
VS 628	Physiology and Pathophysiology	<ul style="list-style-type: none"> Edit to offering year: <u>Odd</u> Even Edit to offering term: <u>Fall</u> Spring <p><i>Submitted in CIM as a Major Change.</i></p>	Fall 2022