

UNIVERSITY CURRICULUM COMMITTEE AGENDA
Friday, February 7, 2020 at 2:00 p.m.
106 Administration, Provost Conference Room

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. FileShare link: <https://eid.colostate.edu/filessharing/login.aspx>

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

Upcoming UCC deadlines:

- **2/28/20** – Subsequent offerings of Study Abroad courses for Spring 2021 (both provisional -82s and permanent courses)
- **4/10/20** – New experimental courses for Summer 2020
- **5/15/20** – Changing or deactivating existing courses & new courses for Spring 2021

MINUTES

The minutes of January 31, 2020.

OTHER BUSINESS

Discussion Topics	
Topic	Notes
Undergraduate Programs – definitions and guidelines: <ul style="list-style-type: none"> • Certificates • Minors/Interdisciplinary Minors • Options • Concentrations • Majors 	See documents uploaded to: FileShare > UCC Agenda > 10-04-19 Discussion Meeting > Undergraduate Programs Links: <ul style="list-style-type: none"> • Curricular Policies and Procedures Manual • General Catalog – Glossary • General Catalog – Degree Requirements
Instructional Formats for courses	Review/approval process for different instructional formats (Face-to-Face, Distance/Online, Mixed Face-to-Face)
Courses/Programs taught in languages other than English	Could a CSU degree be exclusively delivered abroad in a language other than English?
BA vs. BS degrees	
‘As needed’ offering term	See CIM course form help bubbles text below:
UCC Committee Responsibilities and Operating Procedures	See text on the Curriculum website here: https://curriculum.colostate.edu/ucc-responsibilities-procedures/

OLD BUSINESS

Major Changes to Courses			
Course #	Course Title	Notes	Effective Term
<i>College of Veterinary Medicine and Biomedical Sciences</i>			
ERHS 770	Radiation Cancer Biology-Comparative Oncology	Schedule Type change from recitation to seminar; edits to course title and description; addition of 'Admission to the CMB Cancer Biology Specialization or the Radiological Health Sciences MS or PhD required.' <i>Tabled at 1/31 meeting – Howard Ramsdell's comment should be addressed, and CLO #2 should be revised.</i>	Fall 2020

New Courses			
Course #	Course Title	Notes	Effective Term
<i>College of Veterinary Medicine and Biomedical Sciences</i>			
ERHS 560	Health Impact Assessment	1 cr.; Graduate only. <i>Tabled at 1/31 meeting – can the course description be shortened?</i>	Fall 2020
VM 620	Introduction to Spanish for Veterinarians	2 cr.; requires admission to professional curriculum in veterinary medicine. Previously offered as experimental course VM 680A4 (Fall 2018: 25 students; Fall 2019: 20 students) <i>Tabled at 1/31 meeting – Week 16 is missing course content.</i>	Fall 2020

New Course Submission: AUCC 3E: Diversity and Global Awareness/GT-AH2: Literature & Humanities			
Course #	Course Title	GTP Category/Notes	Effective Term
<i>College of Liberal Arts</i>			
LB 173	Encountering the Global	New course/new submission for AUCC 3E: Diversity and Global Awareness and GT-AH2: Literature & Humanities . Offered Distance/Online and Face-to-face. <i>Tabled at 1/31 meeting – need to ask VPUA for advice on possible upcoming changes to AUCC 3E.</i>	Fall 2020

NEW BUSINESS

Major Changes to Courses			
Course #	Course Title	Notes	Effective Term
<i>Walter Scott, Jr. College of Engineering</i>			
CBE 393 CBE 493	Professional Development Seminar	Change in course level/number; edit to course description; change in grade mode from Instructor Option to Traditional. Programs listing this course: <ul style="list-style-type: none"> • CBEG-BS (<i>program change below</i>) • CBEG-BMEC-BS (<i>program change below</i>) 	Fall 2020

CBE 543/ BIOM-543	Membranes for Biotechnology and Biomedicine	Removal of dual-listing with BIOM; edit to offering term. Programs listing this course: <ul style="list-style-type: none"> • ENGR-BMEZ-ME (<i>not in workflow</i>) • CBEG-BMEC-BS (<i>program change below</i>) • ELEG-BMEE-BS (<i>program change below</i>) • MECH-BMEM-BS (<i>RO Banner-prep-program change below</i>) • : Dual Degree Program: Biomedical Engineering, B.S. combined with Computer Engineering, B.S. (<i>saved not submitted</i>) 	Fall 2020
CIVE 439/ CBE-439	Applications of Environmental Engr Concepts	Removal of dual-listing with CBE; edits to course title, description and prerequisites. Programs and courses listing this course: <ul style="list-style-type: none"> • CIVE-BS (<i>not in workflow</i>) • EVHQ (<i>not in workflow</i>) • IEAQ (<i>saved not submitted</i>) • CBEG-BS (<i>program change below</i>) • CBEG-BMEC-BS (<i>program change below</i>) • ENVE-BS (<i>not in workflow</i>) • ELEG-BMEE-BS (<i>program change below</i>) • ELEG-BMEL-BS (<i>program change below</i>) • MECH-BMEM-BS: Dual Degree Program: Biomedical Engineering, B.S. combined with Mechanical Engineering (<i>RO Banner-prep-program change below</i>) • CIVE 541 course prereq (<i>saved not submitted</i>) 	Fall 2020

Major Changes to Courses in the Program Below

Course #	Course Title	Notes	Effective Term
<i>College of Agricultural Sciences</i>			
AB 310 BSPM-310	Understanding Pesticides	Subject code change; addition of Distance/Online offering; edit to offering term; addition of 'No Freshman' and 'No Sophomore' restrictions.	Spring 2021

New Courses in the Program Below

Course #	Course Title	Notes	Effective Term
AB 120	Agricultural Biology: Freshman Orientation	1 cr.; partial semester.	Fall 2020
AB 130	Working With Agricultural Biology Data	1 cr.; partial semester.	Fall 2020
AB 230	Becoming an Agricultural Biology Professional	1 cr.; partial semester; Majors only.	Fall 2020
AB 270	Agricultural Biology Orientation for Transfers	2 cr.; Majors only.	Fall 2020
AB 330	Applications in Agricultural Biology I	2 cr.; Majors only. Proposed for AUCC 4A/4B/4C in all four programs below.	Fall 2020

AB 430	Applications in Agricultural Biology II	3 cr.; Majors only. 2 cr.; Majors only. Proposed for AUCC 4A/4B/4C in all four programs below.	Fall 2020
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New Undergraduate Degree		
Program Title	Notes	Effective Term
<i>College of Agricultural Sciences</i>		
Major in Agricultural Biology	AUCC 4A, 4B, and 4C courses: AB 330 and AB 430	Fall 2020
Major in Agricultural Biology, Entomology Concentration		
Major in Agricultural Biology, Plant Pathology Concentration		
Major in Agricultural Biology, Weed Science Concentration		

New Courses			
Course #	Course Title	Notes	Effective Term
<i>College of Business</i>			
FIN 530	Financial Modeling	Offered Distance/Online and Face-to-face.	Fall 2020
<i>College of Natural Sciences</i>			
STAR 501	Data Wrangling & Visualization for Researcher	2 cr.; offered Distance/Online and face-to-face. Previously offered as experimental course STAT 580A3 (Spring 2020: 23 students).	Fall 2020
STAR 502	Multivariate Analysis for Researchers	2 cr.; offered Distance/Online and face-to-face. Previously offered as experimental course STAT 581A4 (Fall 2019: 13 students).	Fall 2020
STAR 513	Regression Models for Researchers	2 cr.; offered Distance/Online and face-to-face. Previously offered as experimental course STAT 581A3 (Fall 2019: 15 students).	Fall 2020
STAR 514	Experimental Design & Analysis for Researcher	2 cr.; offered Distance/Online and face-to-face. Previously offered as experimental course STAT 580A4 (Spring 2020: 15 students).	Fall 2020
STAR 531	Generalized Regression Models for Researchers	2 cr.; offered Distance/Online and face-to-face. Previously offered as experimental course STAT 581A5 (Spring 2020: 8 students).	Fall 2020
STAR 532	Mixed Models for Researchers	2 cr.; offered Distance/Online and face-to-face.	Fall 2020
STAR 534	Machine Learning for Researchers	2 cr.; offered Distance/Online and face-to-face.	Fall 2020

STAR 696	Special Problems in Applied Statistics	1-3 var. cr. Independent Study; requires written consent of instructor. Previously offered as experimental course STAT 681A1 (Spring 2020: 2 students).	Fall 2020
Warner College of Natural Resources			
ESS 401	Sustainability of Parks and Protected Places		Fall 2020

New Courses – Occupational Therapy Professional Doctorate (listed in order of Program of Study to ensure prerequisite courses are approved in correct order)			
Course #	Course Title	Notes	Effective Term
College of Health and Human Sciences			
OT 750	Programmatic Interventions	3 cr.; offered as Face-to-Face; requires concurrent registration in OT 759 and OT 786D. Prereqs: OT 787.	Fall 2021
OT 752	Infancy Through Early Childhood	2 cr.; offered as Face-to-face; requires concurrent registration in OT 753 and OT 786D. Prereqs: OT 787.	Fall 2021
OT 753	Infancy Through Early Childhood Lab	1 cr.; offered as Face-to-Face; requires concurrent registration in OT 752 and OT 786D. Prereqs: OT 787.	Fall 2021
OT 755	Occupational Therapy Research Process III:	3 cr.; offered as Face-to-Face; requires admission to the OTD program and concurrent registration in OT 759 and OT 786D. Prereqs: OT 745; OT 787.	Fall 2021
OT 759	Capstone Planning	1 cr.; offered as Face-to-Face; requires concurrent registration in OT 750 and OT 755. Prereqs: OT 787.	Fall 2021
OT 761	Inclusive Technology	2 cr.; offered as Face-to-face. Prereqs: OT 787.	Fall 2021
OT 786D	Practicum: Integrative Experiential Learning III	1 cr. Internship/Practica; S/U only; requires concurrent registration in OT 750, OT 752, OT 753, and OT 755. Prereqs: OT 787.	Fall 2021
OT 760	Leadership Skills of Change Agents	2 cr.; offered as Face-to-face; requires concurrent registration in OT 769 and OT 786E. Prereqs: OT 740; OT 759; OT 787.	Fall 2021
OT 762	Early Through Middle Childhood	2 cr.; offered as Face-to-face; requires concurrent registration in OT 763, OT 764, and OT 786E. Prereqs: OT 752; OT 753; OT 786D.	Fall 2021
OT 763	Early Through Middle Childhood Lab	1 cr.; offered as Face-to-Face; requires concurrent registration in OT 762, OT 764, and OT 786E. Prereqs: OT 752; OT 753; OT 786D.	Fall 2021

OT 764	Adolescent and Young Adult	2 cr.; offered as Face-to-face; requires concurrent registration in OT 762, OT 763, and OT 786E. Prereqs: OT 752; OT 753; OT 786D.	Fall 2021
OT 769	Capstone Project and Experience Development	3 cr.; offered Mixed Face-to-face and Face-to-face. Prereq: OT 759.	Fall 2021
OT 786E	Practicum: Integrative Experiential Learning IV	1 cr. Internship/Practica; requires concurrent registration in OT 762, OT 763, and OT 764. Prereqs: OT 752; OT 753.	Fall 2021
OT 772	Innovative Practice in Occupational Therapy	2 cr.; partial semester; offered as Face-to-face; requires concurrent registration in OT 786F. Prereqs: OT 750; OT 760; OT 787.	Fall 2021
OT 786F	Practicum: Integrative Experiential Learning V	1 cr. Internship/Practica; partial semester; requires concurrent registration in OT 772. Prereqs: OT 750; OT 760; OT 787.	Fall 2021
OT 788	Level IIB Fieldwork - Lifespan Experience	12 cr. Internship/Practica; S/U only. Prereqs: OT 762; OT 764; OT 769; OT 786F.	Fall 2021
OT 779	Capstone Project	1 cr.; offered Face-to-Face and Distance/Online; S/U only. Prereq: OT 769.	Fall 2021
OT 789	Capstone Experience	14 cr. Internship/Practica and Distance/Online; partial semester; S/U only. Prereqs: OT 769; OT 788.	Fall 2021

Major Changes to Existing Programs

Program Title	Notes	Effective Term
<i>College of Liberal Arts</i>		
PHIL-GPRZ-BA: Major in Philosophy, Global Philosophies and Religions Concentration	Addition of PHIL 410 and PHIL 411 to Sophomore year 'Select one' list. Changing minimum grade requirement from C- (1.670) to C (2.000).	Fall 2020
PHIL-PSAZ-BA: Major in Philosophy, Philosophy, Science, and Technology Concentration	Replacing PHIL 210 with a choice between PHIL 210, PHIL 410 and PHIL 411 Sophomore year. Adding 'not taken elsewhere in the program' to 'Select one' list Senior year that also includes PHIL 410 and PHIL 411. Changing minimum grade requirement from C- (1.670) to C (2.000).	Fall 2020
<i>Walter Scott, Jr. College of Engineering</i>		
SYSE-DE: Doctor of Engineering (D.Eng.) in Systems Engineering	Updating the SYSE courses with new subject codes; updating CIS 600 to CIS 600A; updates to electives. <i>Approved by CoSRGE on 12/5/19.</i>	Fall 2020
SYSE-PHD: PH.D. in Systems Engineering	Updating the SYSE courses with new subject codes; updating CIS 600 to CIS 600A; updates to electives. <i>Approved by CoSRGE on 12/5/19.</i>	Fall 2020

ENGR-SYEZ-ME: Master of Engineering, Plan C, Systems Engineering Specialization	Updating the SYSE courses with new subject codes; updating CIS 600 to CIS 600A; updates to core courses and electives. <i>Approved by CoSRGE on 12/5/19.</i>	Fall 2020
SYSE-MS: Master of Science in Systems Engineering, Plan A	Updating the SYSE courses with new subject codes; updating CIS 600 to CIS 600A; updates to electives. <i>Approved by CoSRGE on 12/5/19.</i>	Fall 2020
SYSE-MS: Master of Science in Systems Engineering, Plan B	Updating the SYSE courses with new subject codes; updating CIS 600 to CIS 600A; updates to electives. <i>Approved by CoSRGE on 12/5/19.</i>	Fall 2020
SYEF-CT: Graduate Certificate in Systems Engineering Practice	Updating the SYSE courses with new subject codes; updating CIS 600 to CIS 600A. <i>Approved by CoSRGE on 12/5/19.</i>	Fall 2020
CBEG-BS: Major in Chemical and Biological Engineering	<ul style="list-style-type: none"> • CBE 493 changed to CBE 393; • CIVE 439 dropping of dual-listing with CBE 439; • Addition of Bioscience, Engineering and Technical electives lists. 	Fall 2020
CBEG-BMEC-BS: Dual Degree Program: Biomedical Engineering, B.S. Combined With Chemical and Biological Engineering, B.S.	<ul style="list-style-type: none"> • CBE 493 changed to CBE 393 • Removing LIFE 210 as a required course and replacing with a set of BME Broad Electives; • CBE 543 dropping of dual-listing with BIOM 543 • CIVE 439 dropping of dual-listing with CBE 439 • Updates to BME Technical Electives and CBE Technical Electives. 	Fall 2020
ELEG-BMEE-BS: Dual Degree Program: Biomedical Engineering, B.S. combined with Electrical Engineering, B.S., Electrical Engineering Concentration	<ul style="list-style-type: none"> • Removing LIFE 210 as a required course and replacing with a set of BME Broad Electives; • CBE 543 dropping of dual-listing with BIOM 543; • CIVE 439 dropping of dual-listing with CBE 439; • Updates to BME Technical Electives. 	Fall 2020
ELEG-BMEL-BS : Dual Degree Program: Biomedical Engineering, B.S. combined With Electrical Engineering, B.S., Lasers and Optical Engineering Concentration	<ul style="list-style-type: none"> • Removing LIFE 210 as a required course and replacing with a set of BME Broad Electives; • CIVE 439 dropping of dual-listing with CBE 439; • Updates to BME Technical Electives. 	Fall 2020
MECH-BMEM-BS: Dual Degree Program: Biomedical Engineering, B.S. combined with Mechanical Engineering, B.S.	<ul style="list-style-type: none"> • Removing LIFE 210 as a required course and replacing with a set of BME Broad Electives; • CBE 543 dropping of dual-listing with BIOM 543; • CIVE 439 dropping of dual-listing with CBE 439; • Updates to BME Technical Electives. 	Fall 2020

CONSENT AGENDA

Minor Changes to Courses			
Course #	Course Title	Notes/Changes	Effective Term
<i>College of Health and Human Sciences</i>			
FTEC 351	Fermentation Microbiology Laboratory	Edit to prerequisite: FTEC 350 or concurrent registration. FTEC 210; LIFE 205, may be taken concurrently or MIP 300.	Fall 2020
RRM 200	Hotel Operations	Addition of Universal Restriction: NO Senior	Fall 2020
RRM 450	Leadership in the Hospitality Industry	Edit to offering term: Fall Fall, Spring	Fall 2020
<i>Warner College of Natural Resources</i>			
ESS 543/ ATS 543	Current Topics in Climate Change	Edit to offering term: Spring Fall Change in Grade Mode: Traditional S/U-Sat/Unsat Only	Fall 2020

Course Deactivations			
Course #	Course Title	Notes/Changes	Effective Term
<i>College of Business</i>			
FIN 430	Introduction to Financial Modeling	<i>Will be administratively removed as an elective in STAQ: Minor in Statistics.</i>	Spring 2021
FIN 630	Financial Modeling	Not referenced in any programs or courses.	Spring 2021
<i>Warner College of Natural Resources</i>			
GEOL 562	Statistical Data Analysis in Earth Resources	<i>Will be administratively removed as an elective in the following programs:</i> <ul style="list-style-type: none"> • ECSU-MS: Master of Science in Ecosystem Sustainability, Plan A • ECSU-PHD: Ph.D. in Ecosystem Sustainability 	Summer 2020
NR 676	Ecological Models	Not referenced in any programs or courses.	Summer 2020