

UNIVERSITY CURRICULUM COMMITTEE AGENDA

Friday, August 30, 2019 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.

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

FYI regarding new degree proposals coming to UCC this Fall:

- [BA in Computer Science](#) (in addition to current BS in Computer Science)
- [BA in Global Environmental Sustainability](#)
- [BFA in Dance](#) (in addition to current BA in Dance)
- [BS in Agricultural Biology](#) (3-4 concentrations anticipated)
- [Master of Park and Protected Area Management, Plan C](#)
- [Master of Sport Management, Plan C](#) (2-4 specializations anticipated)

MINUTES

The minutes of August 23, 2019.

OTHER BUSINESS

Discussion Items	
Topic	Notes
Institutional Learning Objectives	See 'Report from the Task Force on Institutional Learning Objectives' uploaded to: FileShare > UCC Agenda > 04-05-19
Curriculum review process	General discussion – UCC Chair and VPUA
BA vs. BS degrees	See documents uploaded to: FileShare > UCC Agenda > 09-28-18 Discussion Meeting > BA vs. BS
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
UCC Committee Responsibilities and Operating Procedures	See text on the Curriculum website here: https://curriculum.colostate.edu/ucc-responsibilities-procedures/

OLD BUSINESS

Study Abroad Course – 2 nd Offering			
Course #	Course Title	Notes/Changes	Effective Term
<i>Intra-University</i>			
IE 382B	Study Abroad—Costa Rica: Global Service Learning	2nd offering; 1 credit. 1st offering: Spring 2019 (11 students) Travel dates: 1/3/20 – 1/14/20 (12 days) Edits to course description, CLOs <i>CLOs on syllabus and CIM form now match. Proposal updated to address issues identified by VPUA comment in CIM.</i>	Spring 2020

New Courses			
Course #	Course Title	Notes	Effective Term
<i>College of Agricultural Sciences and College of Natural Sciences</i>			
SOCR 416/ BZ 416	Pollination Biology and Management	Previously offered under SOCR 415/BSPM 415: Pollinator Management in Agroecosystems . <i>Tabled at 5/10/19 meeting for issues with dual-listing and previous course number.</i>	Spring 2020

Major Changes to Courses			
Course #	Course Title	Notes	Effective Term
<i>Intra-University</i>			
IU 172	New Student Seminar	Edits to course description; changing registration requirement: Undeclared first-year students only <u>Freshman or sophomore only</u> . <i>Tabled at 8/23/19 meeting for course proposer to address Assessment Components (they do not add up to 100%) and to discuss the Course Learning Objectives with the VPUA. Email sent to Kerry Wenzler on 8/27/19.</i>	Spring 2020
<i>College of Liberal Arts</i>			
MU 518	Analytic Techniques II	Addition of Distance/Online offering; addition of prerequisite; edits to course description and offering term. <i>Tabled at 8/23/19 meeting – CLA rep will clarify if MU 517 should be a prerequisite for MU 518.</i>	Spring 2020
SOC 314	Sociological Approaches to Quantitative Data	Removal of 'credit not allowed' statement with SOC 313. <i>Tabled at 8/23/19 meeting – CLA rep will clarify details on Student Experiences in the Distance/Online version.</i>	Spring 2020

Major Changes to Existing Programs		
Program Title	Notes	Effective Term
<i>College of Liberal Arts</i>		
INST-ASTZ-BA: Major in International Studies, Asian Studies Concentration	1. Edits to elective lists. 2. Addition of the program's new Experiential Education requirement in the Junior year. <i>Tabled at 3/15/19 meeting for question on how to encode the Experiential Education requirement. Meeting scheduled to discuss with CLA, VPUA, UCC Chair, and C&C Unit on 9/23/19.</i>	Fall 2019 <i>Should this be updated to Spring 2020 or Fall 2020?</i>
INST-EUSZ-BA: Major in International Studies, European Studies Concentration	1. Edits to elective lists. 2. Addition of the program's new Experiential Education requirement in the Junior year. <i>Tabled at 3/15/19 meeting for question on how to encode the Experiential Education requirement. Meeting scheduled to discuss with CLA, VPUA, UCC Chair, and C&C Unit on 9/23/19.</i>	Fall 2019 <i>Should this be updated to Spring 2020 or Fall 2020?</i>

INST-LITZ-BA: Major in International Studies, Latin American Studies Concentration	1. Edits to elective lists. 2. Addition of the program's new Experiential Education requirement in the Junior year. <i>Tabled at 3/15/19 meeting for question on how to encode the Experiential Education requirement. Meeting scheduled to discuss with CLA, VPUA, UCC Chair, and C&C Unit on 9/23/19.</i>	Fall 2019 <i>Should this be updated to Spring 2020 or Fall 2020?</i>
INST-MEAZ-BA: Major in International Studies, Middle East and North African Studies Concentration	1. Edits to elective lists. 2. Addition of the program's new Experiential Education requirement in the Junior year. <i>Tabled at 3/15/19 meeting for question on how to encode the Experiential Education requirement. Meeting scheduled to discuss with CLA, VPUA, UCC Chair, and C&C Unit on 9/23/19.</i>	Fall 2019 <i>Should this be updated to Spring 2020 or Fall 2020?</i>

NEW BUSINESS

Study Abroad Courses – 1 st Offering			
Course #	Course Title	Notes	Effective Term
<i>College of Health and Human Sciences</i>			
EDAE 582B	Study Abroad— Todos Santos: Community Education Workshop	1st offering; 3 credits. Travel dates: 11/16/20 – 11/22/20 (7 days) Course requires thirteen weeks of online work as well as one week on site in the host country. Contact hours and work to be completed online will be required pre-departure and post-departure. Designed for graduate students and Senior undergraduates. Seniors will be required to have an interview with the facilitator prior to registration. OIP brochure: This course is designed to give students real-life, hands-on experience as international community education providers, by applying their knowledge of the program development process for adult learners. Working in teams with community partners in Todos Santos, learners will be introduced to existing responses to social and environmental concerns and will apply their knowledge and skills to address the issues through community education efforts. The course is conducted online during the Fall 2020 semester with a 1-week in-country experience in Todos Santos in mid-November.	Fall 2020
RRM 382A	Study Abroad— Thailand: Hospitality and Tourism	1st offering; 3 credits. Travel dates: 5/24/20 – 6/6/20 (14 days) OIP brochure: Explore hospitality and cultural tourism on this faculty-led program in Thailand. Students will engage in experiential learning environments and visit places, such as Ayutthaya UNESCO site in Bangkok and Wat Phra That Doi Suthep in Chiang Mai, while fostering intercultural understanding.	Summer 2020
<i>College of Liberal Arts</i>			
HIST 382E	Study Abroad— Rome: Roman History	1st offering; 3 credits. Travel dates: 5/17/20 – 6/6/20 (21 days) OIP brochure: This summer faculty-led program will take students to the heart of Rome to learn about ancient Roman history and architecture. Students will engage in lectures, tours, and site visits that will enhance their academic and cultural experiences.	Summer 2020

Major Changes to Courses			
Course #	Course Title	Notes	Effective Term
<i>Intra-University</i>			
CM 792	Cell and Molecular Biology Seminar	Removal of prerequisite; edit to course description; change in grade mode from Instructor Option to S/U Only.	Spring 2020
<i>College of Business</i>			
ACT 205	Fundamentals of Accounting	Removal of 'credit not allowed' statement with ACT 210.	Spring 2020
ACT 210	Introduction to Financial Accounting	Removal of 'credit not allowed' statement with ACT 205.	Spring 2020
<i>College of Liberal Arts</i>			
JTC 347	Audio Production and Editing	Edits to prerequisites and course description. <i>Need additional information from dept. – see CIM comment.</i>	Spring 2020
<i>College of Natural Sciences</i>			
CS 535	Big Data	Edits to course description and prerequisites; addition of Distance/Online offering.	Spring 2020
<i>Walter Scott, Jr. College of Engineering</i>			
CIVE 668 CIVE 563	Structural Reliability Theory, Application	Course number/level change; edit to offering term; removal of Distance/Online offering; removed subtopic title 'Theory, Application' and incorporated into the course title field.	Spring 2020
ECE 461	Power Systems	Edit to prerequisites and Additional Registration Info: 'Must have concurrent registration in ECE 462'.	Spring 2020
ECE 462	Power Systems Laboratory	Edit to prerequisites and Additional Registration Info: 'Must have concurrent registration in ECE 461'.	Spring 2020
ECE 537/BIOM 537	Biomedical Signal Processing	Addition of Distance/Online offering; edits to course description and prerequisites.	Spring 2020
ENGR 550/MATH 550	Numerical Methods in Science and Engineering	Addition of Distance/Online offering; edit to course description.	Spring 2020
<i>Warner College of Natural Resources</i>			
ESS 130	Intro to Systems Theory for Sustainability	Edit to offering term: Fall Spring Edit to prerequisites: ESS 129 or concurrent registration Shortening the Weekly Schedule from 8 weeks to 5 weeks (not including final exam week)	Spring 2020
NRRT 545	Culinary Tourism	Addition of Mixed Face-to-Face offering; edit to offering term.	Spring 2020

New Courses in the Program Below			
Course #	Course Title	Notes	Effective Term
CHEM 315	Foundations of Polymer Chemistry		Spring 2020
CHEM 321	Foundations of Chemical Biology	4 credits; Chemistry majors only.	<i>Should this be Spring 2020 or Fall 2020?</i>
CHEM 322	Foundations of Chemical Biology Laboratory	1 credit; Chemistry majors only.	<i>Should this be Spring 2020 or Fall 2020?</i>
CHEM 371	Fundamentals of Physical Chemistry	4 cr.; Chemistry majors only. Proposed for AUCC Cat 4A .	<i>Should this be Spring 2020 or Fall 2020?</i>
CHEM 372	Fundamentals of Physical Chemistry Lab	1 credit; Chemistry majors only. Proposed for AUCC Cat 4A .	<i>Should this be Spring 2020 or Fall 2020?</i>

Major Changes to Courses in the Program Below			
Course #	Course Title	Notes	Effective Term
<i>College of Natural Sciences</i>			
CHEM 431	Instrumental Analysis	Edit to prerequisites. Proposed for AUCC Cat 4B .	Fall 2020
CHEM 440	Advanced Organic Chemistry Lab	Edit to prerequisites. Existing AUCC Cat 4B for CHEM-ACSZ-BS.	Fall 2020
CHEM 461	Inorganic Chemistry	Edit to prerequisites. Proposed for AUCC Cat 4B .	Spring 2020
CHEM 476	Physical Chemistry II	Edit to prerequisites. Existing AUCC Cat 4B for CHEM-ACSZ-BS and CHEM-NACZ-BS.	Spring 2020

Restructuring of Undergraduate Program – Replacing 2 Concentrations with ‘standalone’ Major		
Program Title	Notes	Effective Term
<i>College of Natural Sciences</i>		
CHEM-BS: Major in Chemistry	<p>‘Standalone’ major to replace two concentrations (CHEM-ACSZ-BS and CHEM-NACZ-BS deactivation proposals pending CNS approval).</p> <p>Pending question for UCC review:</p> <ul style="list-style-type: none"> Organic chemistry Group B could not be completed as displayed due to prerequisite chain/timing freshman year (CHEM 114 must be completed prior to CHEM 232, but both courses are listed in the same year/term). However, Group B students are anticipated to either (i) have credit from AP/IB for CHEM 111/112/113/114, or (ii) be double majors with another major which requires 111/112 (and possible 113/114), or (iii) have switched into Chemistry from another major which required 111/112/113/114. For any such students, the MCM would bear little relation to the appropriate course selections for specific semesters. <p><u>AUCC Category 4 courses:</u></p> <p>4A: CHEM 371, CHEM 372 (<i>new proposals above</i>)</p> <p>4B: CHEM 431 (<i>proposal above</i>), CHEM 440 (<i>existing 4B for CHEM-ACSZ-BS</i>), CHEM 445 (<i>approved for CHEM-BS 3/15/19</i>), CHEM 461 (<i>proposal above</i>), CHEM 476 (<i>existing 4B for CHEM-ACSZ-BS and CHEM-NACZ-BS</i>)</p> <p>4C: CHEM 493, CHEM 499 (<i>Both existing 4C for CHEM-ACSZ-BS and CHEM-NACZ-BS.</i>)</p>	Fall 2020

Guaranteed Transfer (GT) Pathways Course Resubmissions (<i>GT-SC1</i>)			
Course #	Course Title	GTP Category/Notes	Effective Term
<i>College of Natural Sciences</i>			
CHEM 108	Fundamentals of Chemistry Laboratory	Existing AUCC 3A: Biological & Physical Sciences Addition of Distance/Online offering.	Spring 2020

Guaranteed Transfer (GT) Pathways Course Resubmissions (<i>GT-AH2</i>)			
Course #	Course Title	GTP Category/Notes	Effective Term
<i>College of Liberal Arts</i>			
E 140	The Study of Literature	Existing AUCC Cat 3B: Arts & Humanities Addition of Distance/Online offering.	Spring 2020
E 142	Reading Without Borders	Existing AUCC Cat 3E: Diversity & Cultural Awareness Addition of Distance/Online offering; edit to offering term.	Spring 2020
E 232	Introduction to Humanities	Existing AUCC Cat 3B: Arts & Humanities Addition of Distance/Online offering; edit to course description.	Spring 2020
E 238	Contemporary Global 20 th Century Fiction	Existing AUCC Cat 3E: Diversity & Cultural Awareness Addition of Distance/Online offering; edits to course title and description.	Spring 2020
E 242	Reading Shakespeare	Existing AUCC Cat 3B: Arts & Humanities Addition of Distance/Online offering; edit to offering term.	Spring 2020
E 245	World Drama	Existing AUCC Cat 3E: Diversity & Cultural Awareness Addition of Distance/Online offering; edit to offering term.	Spring 2020
E 270	Introduction to American Literature	Existing AUCC Cat 3B: Arts & Humanities Addition of Distance/Online offering.	Spring 2020
E 276	Survey of British Literature I	Existing AUCC Cat 3B: Arts & Humanities Addition of Distance/Online offering.	Spring 2020
E 277	Survey of British Literature II	Existing AUCC Cat 3B: Arts & Humanities Addition of Distance/Online offering.	Spring 2020

Guaranteed Transfer (GT) Pathways Course Resubmissions (<i>GT-AH3</i>)			
Course #	Course Title	GTP Category/Notes	Effective Term
<i>College of Liberal Arts</i>			
SPCM 201	History and Theory of Rhetoric Rhetoric in Western Thought	Existing AUCC Cat 3B: Arts & Humanities Edits to course title and description.	Spring 2020

New Courses			
Course #	Course Title	Notes	Effective Term
<i>Intra-University</i>			
IU 274	Learning Assistants in Higher Education	1 cr.; written consent of instructor required. Students must currently be a Catalyst Learning Community member or currently employed or receiving credit from a department as a Learning Assistant. Previously offered as experimental course IU 281A3 (Fall 2018: 17 students; Spring 2019: 9 students; Fall 2019: 49 students).	Spring 2020
<i>College of Business</i>			
MGT 479	Strategic Human Resource Management Capstone	Proposed as required in BUSA-HRMZ-BS: Major in Business Administration, Human Resource Management Concentration (<i>program changes in Statewide Agreement</i>)	Spring 2020
MGT 492A	Seminar in Supply Chain Management	Proposed as an elective in BUSA-SCMZ-BS: Major in Business Administration, Supply Chain Management Concentration (<i>program change in CIM workflow; MGT 492A has not been added yet</i>)	Spring 2020
<i>College of Liberal Arts</i>			
E 344	Shakespeare	Will replace E 342: Shakespeare I and E 343: Shakespeare II .	Spring 2020
SOC 351	Corporate and State Crime	Proposed as an elective in SOCI-CRCZ-BA: Major in Sociology, Criminology Concentration (<i>program change in UCC Prep-Programs; SOC 351 has not been added yet</i>).	Spring 2020
SPMT 536	Sport and Communities	Offered Distance/Online and Face-to-face; 2 cr.; partial semester; Graduate only.	Spring 2020
SPMT 554	Sport and the Environment	Offered Distance/Online and Face-to-face; 2 cr.; partial semester; Graduate only.	Spring 2020
SPMT 572	Sport Organizational Communication	Offered Distance/Online and Face-to-face; 2 cr.; partial semester; Graduate only.	Spring 2020
SPMT 592	Sport Management Seminar	Offered as Distance/Online and Face-to-Face. 2 cr.; partial semester; Graduate only.	Spring 2020
<i>College of Natural Sciences</i>			
PSY 253	Human Factors & Engineering Psychology	Distance/Online only. Approved as experimental course PSY 280A1 for a 1st offering in Fall 2019.	Spring 2020
<i>College of Veterinary Medicine and Biomedical Sciences</i>			
VS 230	Cultural/Societal Impacts of Animal Disease	Proposed as required in the Major in Biomedical Sciences, Veterinary Science Concentration (<i>saved not submitted</i>).	Spring 2020
TOX 201	Functional Toxicology	Proposed as required in the Major in Environmental Health, Toxicology Concentration (<i>not started in CIM yet</i>)	Spring 2020

Walter Scott, Jr. College of Engineering			
CIVE 529	Environmental Organic Chemistry	Previously offered as experimental course CIVE 580A5 (Spring 2014: 6 students; Fall 2015: 8 students; Spring 2017: 18 students). Proposed as an elective in: CIVE-MS (<i>not added to catalog yet</i>) CIVE-PHD (<i>not added to catalog yet</i>)	Spring 2020
CIVE 530	Env Process Engr at the Water-Energy Nexus	Previously offered as experimental course CIVE 580B3 (Spring 2018: 8 students; Spring 2019: 7 students) Proposed as an elective in: CIVE-MS (<i>not added to catalog yet</i>) CIVE-PHD (<i>not added to catalog yet</i>) ENGR-CIVZ-ME (<i>not started in CIM yet</i>)	Spring 2020
ENGR 665	Stochastic Simulation in Engr Applications	Previously offered as experimental course CIVE 680B1 (Spring 2018: 4 students; Spring 2019: 13 students) Proposed as an elective in: CIVE-MS (<i>not added to catalog yet</i>) CIVE-PHD (<i>not added to catalog yet</i>) ENGR-CIVZ-ME (<i>not started in CIM yet</i>)	Spring 2020
MECH 488	Algorithms in Scientific Computing	Proposed as an elective in MECH-BS (<i>not started in CIM yet</i>)	Spring 2020
Warner College of Natural Resources			
ESS 650/ ANTH 650	Edge Effects-Place, Embodiment, Environment	Proposed as required in: PhD in Anthropology (<i>saved not submitted</i>) Proposed as an elective in: ECSU-MS: Master of Science in Ecosystem Sustainability, Plan A (<i>not started in CIM yet</i>) ECSU-PHD: PhD in Ecosystem Sustainability (<i>not started in CIM yet</i>)	Spring 2020

CONSENT AGENDA

Experimental Courses – 1st Offering			
Course #	Course Title	Notes/Changes	Effective Term
College of Health and Human Sciences and College of Natural Sciences			
DM 580A2/ MSE 580A2	Fiber Materials and Application		Fall 2019
College of Natural Sciences			
STAT 580A3	Applied Data Wrangling and Visualization	Offered Distance/Online and Face-to-face.	Spring 2020
STAT 580A4	Applied Experimental Design and Analysis	Offered Distance/Online and Face-to-face.	Spring 2020
STAT 581A5	Applied Generalized Regression	Offered Distance/Online and Face-to-face.	Spring 2020

Walter Scott, Jr. College of Engineering			
ENGR 681A3	Surrogate Models for Engr Analysis and Design		Spring 2020
MECH 481A4	Green Engineering—Materials and Environment	Offered Distance/Online and Face-to-face.	Spring 2020

Minor Changes to Courses			
Course #	Course Title	Notes	Effective Term
College of Business			
CIS 350	Operating Systems and Networks	Edit to prerequisite: CIS 240 240 Edit to offering term: Fall Spring	Fall 2020
Warner College of Natural Resources			
FW 430	Waterfowl Ecology and Management	Edit to prerequisites: FW 260 FW 370 with a minimum grade of C or LIFE 320 with a minimum grade of C and (STAT 301 with a minimum grade of C or STAT 307 with a minimum grade of C)	Spring 2020