

UNIVERSITY CURRICULUM COMMITTEE AGENDA

Friday, March 15, 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_Catalog@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. The UCC will not meet during Spring Break (3/22/19). The 3/15/19 minutes will need to be reviewed electronically on 3/25/19.
2. The following Preliminary Program Proposals (PPPs) were approved by Council of Deans on 3/6/19:
 - B.A. in Computer Science (CNS)
 - Master of Park and Protected Area Management, Plan C (WCNR)
 - Master of Sport Management, Plan C (CLA)
 - Master of Public Policy and Administration, Plan C (CLA)
3. The following Comprehensive Program Proposals (CPPs) were approved by Council of Deans on 3/6/19:
 - Professional Science Master's in Biomanufacturing and Biotechnology (WSJCOE)
 - Professional Science Master's in Natural Science, Biological Data Analytics Specialization (CNS)
 - Professional Science Master's in Natural Science, Microscope Imaging Technology Specialization (CNS)
 - Master of Business Administration, Impact Specialization, Plan C (COB)

MINUTES

The minutes of March 8, 2019.

CONSENT AGENDA

See listing after New Business.

OTHER BUSINESS

Discussion Items	
Topic	Notes
Study Abroad Policy	See updated documents uploaded to: FileShare > UCC Agenda > 03-01-19 Discussion Meeting > Study Abroad
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

AUCC/GT Pathways Courses			
Course #	Course Title	GTP Category/Notes	Effective Term
<i>College of Natural Sciences</i>			
CS 150	CS: Principles, Culture and Coding Introduction to Programming (CS0) –Java	Proposed for AUCC 3E/GT-AH3 Edits to course title, description, and prerequisites. <i>Tabled on 1/25/19 for additional review of proposed AUCC designation.</i>	Fall 2019

Study Abroad Courses – 1 st Offering			
Course #	Course Title	Notes/Changes	Effective Term
<i>Intra-University</i>			
IE 382D	Study Abroad-- Morocco: Educational Access in Morocco	1st offering; 1 credit. Travel dates: 1/5/20-1/15/20 (<i>11 days</i>) OIP brochure : This winter break CSU staff-led program will focus on educational access in a global context. The program will compare and contrast educational access through the lens of student groups who are underrepresented in education. <i>Tabled on 2/8/19 for School of Education review – comment added in CIM. Rolled back to proposer for edits.</i>	Spring 2020

New Courses			
Course #	Course Title	Notes	Effective Term
<i>College of Liberal Arts</i>			
PPA 500	Research Methods for Public Policy and Admin <i>Tabled at 3/1/19 meeting for possible revision of course title.</i>	Offered as Distance/Online and Face-to-face; Graduate only.	Fall 2020
PPA 501	Program Evaluation and Quantitative Methods <i>Tabled at 3/1/19 meeting for review and approval of Statistics department.</i>		Fall 2020
PPA 530	Civic Engagement in Public Policy and Admin <i>Tabled at 3/1/19 meeting for possible revision of course title.</i>		Fall 2020
PPA 587	Internship in Public Policy and Administration <i>Tabled at 3/1/19 meeting for possible revision of course title.</i>		Fall 2020

SPMT 537	Service Quality in Sport Industries <i>Tabled at 2/22/19 meeting for possible overlapping content with Business courses.</i>	Offered as Distance/Online and Face-to-Face. 2 credits each; partial semester; Graduate only.	Fall 2019
SPMT 556	Sales and Revenue Generation in Sport <i>Tabled at 2/22/19 meeting for possible overlapping content with Business courses.</i>		
SPMT 573	Leadership and Human Capital Management <i>Tabled at 2/22/19 meeting for possible overlapping content with Business courses.</i>		
SPMT 592	Sport Management Seminar <i>Tabled at 2/22/19 meeting for possible addition of prerequisites.</i>		
SPMT 687	Sport Management Internship <i>Tabled at 2/22/19 meeting to consult with the Internship Handbook.</i>		

New Specializations

Program Title	Notes	Effective Term
<i>College of Liberal Arts</i>		
Master of Arts in English, Plan A, English Education Specialization	<i>Tabled on 3/8/19 for affected department review.</i>	Fall 2019
Master of Arts in English, Plan B, English Education Specialization	<i>Tabled on 3/8/19 for affected department review.</i>	Fall 2019

New Concentration/Title Change

Program Title	Notes	Effective Term
<i>College of Natural Sciences</i>		
Major in Biochemistry, ASBMB Accredited Concentration	Deactivating the Biochemistry General Concentration and activating a very slightly modified version called the ASBMB Accredited Concentration. ASBMB stands for American Society for Biochemistry and Molecular Biology. The only difference between the two concentrations is the addition of BC 360, a 1-credit course required for accreditation. The name change reflects the importance of this accreditation. Completing the new concentration will allow students to designate on their resume that they have completed an ASBMB accredited program. Students can opt to take an ASBMB exam in March of their senior year and potentially receive ASBMB certification. <i>Tabled at 3/1/19 meeting for consultation with legal counsel and discussion with department on whether program title change is appropriate.</i>	Fall 2019

Program Deactivation for the Above Concentration			
Program Title	Notes	Last term students may be admitted to program	Last term students can complete the program
BCHM-GBCZ-BS: Major in Biochemistry, General Biochemistry Concentration	Proposed concentration title change.	Summer 2019	Spring 2023

Major Changes to Existing Programs		
Program Title	Notes	Effective Term
<i>Intra-University</i>		
IIDQ: Interdisciplinary Minor in International Development	1. Edits to Program Description; 2. Addition of IE 478 in a 'Select from' group; 3. Removal of requirement that students must attend two on-campus events. <i>Tabled at 2/22/19 meeting for Proposal Contact to discuss with VPUA.</i>	Fall 2019
<i>College of Health and Human Sciences</i>		
CTMG-BS: Major in Construction Management	Program modifications better align with current construction management practices and changes to the American Council for Construction Education (ACCE) accreditation standards. Program learning objectives represent the 20 ACCE SLOs. Addition of required course CON 192; PH 121 (5 credits) was replaced with 4-credits of PH 110 (3 Credits) and PH 111 (1 Credit); CON 261 reduced from 3 to 2 credits; CON 351 increased from 2 to 3 credits; addition of required courses MATH 117 and 118 (previously program prerequisites); CON 359 and CON 459 reduced from 4 credits each to 3 credits each; removal of the 3-credit 'Technical Elective' (and the accompanying list) and replaced with a 3-credit 'Open Elective'. <i>Per VPUA and UCC Chair, these edits have been reversed:</i> The CM department revised the program to indicate 1st year - 4th year instead of freshman-senior verbiage due to the number of transfer and 'change of major' students. (note: current Major Completion Map does not currently allow this verbiage). <i>Tabled at 3/1/19 meeting per request of HHS rep.</i>	Fall 2019

NEW BUSINESS

Miscellaneous Memo Requests – New Department	
Request	Notes
<i>Walter Scott, Jr. College of Engineering</i>	
New Department: Systems Engineering	The Systems Engineering Program is administratively housed within the College of Engineering and offers graduate degrees and certificates in Systems Engineering through both online and residential delivery. Since its creation in 2008, the Systems Engineering Program has granted 141 certificates, 102 Master's degrees and 10 Ph.D. degrees. The number of students in the Systems Engineering program has grown as the program has developed and matured, with more than 200 students currently enrolled. For 2019, the CSU Ph.D. in Systems Engineering was ranked #1 for Engineering Ph.D. programs available online (https://www.online-phd-programs.org/best-online-engineering-doctoral-programs/). We anticipate the strong growth to continue.

	<p>Over the past 5 years, the University and College have made considerable investments in Systems Engineering, adding 4 tenure-track faculty and with plans to hire 2 additional tenure-track faculty to start this fall. Offer letters for these new faculty included that their tenure home would be transferred to the Department of Systems Engineering upon its creation. Memos on this transfer of tenure home have been agreed to and signed by the faculty, Ron Sega representing Systems Engineering, and the heads of the current departments in which the faculty currently reside. These memos are on file in the personnel folders for the faculty. Staff and non-tenure track faculty with assignments to support Systems Engineering will also transfer to the new Department. These moves will provide the Department with the personnel needed to meet its immediate needs. It is not anticipated that additional resources, beyond the normal sharing of tuition from online enrollments, will be needed going forward.</p>
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Study Abroad Courses – 1st Offering

Course #	Course Title	Notes/Changes	Effective Term
Warner College of Natural Resources			
FW 182A	Study Abroad-- Mexico: Outdoor Skills	<p>1st offering; 1 credit. Travel dates: 3/15/20-3/21/20 (7 days) OIP brochure: This faculty-led spring break course introduces and develops basic outdoor skills important to fish, wildlife, and conservation biology (FWCB) in environments in Baja California Sur, Mexico. Course topics include: intro to desert camping, survival skills, snorkeling/fish ID, desert vegetation, Leave No Trace, medicinal/wild plants, and more. A key focus will be learning through hands-on experience.</p>	Spring 2020
NR 482A	Study Abroad— Chile: Energy Transition	<p>1st offering; 3 credits. Travel dates: 1/5/20-1/18/20 (14 days) OIP brochure: This CSU faculty-led winter break program focuses on the rapid and idiosyncratic energy transition in Chile. Chile provides a unique opportunity to study energy transitions and their economic, social, and political consequences.</p>	Spring 2020

Study Abroad Courses – 2nd Offering

Course #	Course Title	Notes/Changes	Effective Term
College of Liberal Arts			
WS 382B	Study Abroad-- Ghana: Youth Development, Transnational Perspectives	<p>2nd offering; 3 credits. 1st offering: Spring 2019 (17 students) Travel dates: 12/30/19-1/18/20 (20 days) OIP brochure: This CSU faculty-led program will engage students in Ghanaian culture and society, giving them an in-depth understanding of the local culture, history and livelihoods. Through service-learning and educational activities, students will gain a greater perspective and understanding of our global interdependence through Ghana's link to the Americas.</p>	Spring 2020

New Courses			
Course #	Course Title	Notes	Effective Term
<i>College of Natural Sciences</i>			
CHEM 241	Foundations of Organic Chemistry	4 credits; Chemistry majors only.	Fall 2019
CHEM 242	Foundations of Organic Chemistry Laboratory	1 credit; Chemistry majors only.	Fall 2019
CHEM 321	Foundations of Chemical Biology	4 credits; Chemistry majors only. Must have concurrent registration in CHEM 322.	Fall 2019
CHEM 322	Foundations of Chemical Biology Laboratory	1 credit; Chemistry majors only. Must have concurrent registration in CHEM 321.	Fall 2019
CHEM 371	Fundamentals of Physical Chemistry	4 cr.; Chemistry majors only. Proposed for AUCC Cat 4A .	Fall 2019
CHEM 372	Fundamentals of Physical Chemistry Lab	1 cr.; Chemistry majors only. Proposed for AUCC Cat 4A .	Fall 2019
CHEM 445	Synthetic Organic Chemistry	Proposed as an upper-division elective in the program below. Proposed for AUCC Cat 4B .	Fall 2019
Major Changes to Courses			
Course #	Course Title	Notes	Effective Term
CHEM 431	Instrumental Analysis	Edit to prerequisites. Proposed for AUCC Cat 4B .	Fall 2019
CHEM 440	Advanced Organic Chemistry Lab	Edit to prerequisites. Existing AUCC Cat 4B .	Fall 2019
CHEM 461	Inorganic Chemistry	Edit to prerequisites. Proposed for AUCC Cat 4B .	Fall 2019
CHEM 476	Physical Chemistry II	Edit to prerequisites. Existing AUCC Cat 4B .	Fall 2019
Minor Changes to Courses			
Course #	Course Title	Notes	Effective Term
CHEM 231	Foundations of Analytical Chemistry	Edit to prerequisites: (CHEM 111 and CHEM 112) or (CHEM 120 and CHEM 121). Removing 'Must have concurrent registration in CHEM 232.'	Fall 2019
CHEM 232	Foundations of Analytical Chemistry Lab	Edit to prerequisites: CHEM 114 or CHEM 231, may be taken concurrently CHEM 111 and CHEM 112	Fall 2019
CHEM 263	Foundations of Inorganic Chemistry	Edit to prerequisites: (CHEM CHEM 111 and CHEM 112) or (CHEM 120 and CHEM 121) ++	Fall 2019
CHEM 264	Foundations of Inorganic Chemistry Laboratory	Edit to prerequisites: (CHEM 111 and CHEM 112) or (CHEM 120 and CHEM 121)	Fall 2019

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.	Fall 2019
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.	Fall 2019
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.	Fall 2019
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.	Fall 2019

CONSENT AGENDA

Minor Changes to Courses			
Course #	Course Title	Notes/Changes	Effective Term
<i>College of Health and Human Sciences</i>			
SOWK 286A	Practicum I	Edit to prerequisites: SOWK 150 <u>with a C or better</u> , may be taken concurrently.	Spring 2020
SOWK 330	Dismantling Privilege and Oppression	Edit to prerequisites: SOWK 286A <u>with a C or better</u> , may be taken concurrently	Spring 2020
SOWK 333	Human Behavior in the Social Environment	Edit to prerequisites: HDFS 101 may be taken concurrently; SOWK 286A, <u>with a C or better</u> , may be taken concurrently; SOWK 330, <u>with a C or better</u> , may be taken concurrently;	Spring 2020
SOWK 340	Generalist Practice-Individuals and Families	Edit to prerequisites: SOWK 286B <u>with a C or better</u> , may be taken concurrently.	Spring 2020
SOWK 341	Generalist Practice-Small Groups	Edit to prerequisites: SOWK 340 <u>with a C or better</u> , may be taken concurrently.	Spring 2020
SOWK 343	Generalist Practice-Organizations	Edit to prerequisites: SOWK 340 <u>with a C or better</u> , may be taken concurrently.	Spring 2020
SOWK 410	Social Welfare – Policy, Issues, and Advocacy	Edit to prerequisites: POLS 101 or POLS 103; SOWK 400 <u>with a C or better</u> , may be taken concurrently.	Spring 2020
<i>Walter Scott, Jr. College of Engineering</i>			
ECE 658/CS 658	Internet Engineering	Edit to offering year: Even Every Edit to offering term: Fall Spring	Spring 2020
ECE 670B	Topics in Architecture/Systems: Performance Evaluation and Modeling	Edit to offering term: As Needed Fall, Spring	Spring 2020
ECE 670C	Topics in Architecture/Systems: Distributed Systems	Edit to offering term: As Needed Fall, Spring	Spring 2020
ECE 670D	Topics in Architecture/Systems: Architecture of Advanced Systems	Edit to offering term: As Needed Fall, Spring	Spring 2020

Course Deactivations			
Course #	Course Title	Notes/Changes	Effective Term
<i>Warner College of Natural Resources</i>			
NR 521	Natural Resource Administration	Not referenced in any programs or courses.	Summer 2019
NRRT 100	Foundations of Recreation and Tourism	Not referenced in any programs or courses.	Fall 2019
NRRT 360	Group Decision Making in Natural Resources	Not referenced in any programs or courses.	Fall 2019
NRRT 361	Natural Resources and the Media	Not referenced in any programs or courses.	Fall 2019
NRRT 363	Outdoor Recreation Programming	Not referenced in any programs or courses.	Fall 2019
NRRT 370	Managing Tourism in the E-Commerce Era	Not referenced in any programs or courses.	Fall 2019
NRRT 375	Budgeting and Revenue Resources	Listed in an Elective List (<i>will be administratively removed from</i>) PSNS-ZZ-MPSN: Professional Science Master's in Natural Sciences – Zoo, Aquarium, and Animal Shelter Management Specialization.	Fall 2019
NRRT 432	Foundations of Forest Recreation	Not referenced in any programs or courses.	Fall 2019
NRRT 433	Meeting Needs of Recreation Users	Not referenced in any programs or courses.	Fall 2019
NRRT 434	Recreation Special Uses and Needs	Not referenced in any programs or courses.	Fall 2019
NRRT 435	Trails, Facility Design, Operation, Maintenance	Not referenced in any programs or courses.	Fall 2019
NRRT 436	Recreation, Visual, Cultural Resource Management	Not referenced in any programs or courses.	Fall 2019
NRRT 437	Off-Road Vehicle, River, and Winter Recreation	Not referenced in any programs or courses.	Fall 2019
NRRT 438	Management of Wilderness	Not referenced in any programs or courses.	Fall 2019
NRRT 457	Off-Highway Vehicle Recreation in America	Not referenced in any programs or courses.	Fall 2019
NRRT 458	Planning for Off-Highway Vehicle Recreation	Not referenced in any programs or courses.	Fall 2019
NRRT 459	Managing Off-Highway Vehicle Recreation	Not referenced in any programs or courses.	Fall 2019
NRRT 504	Water-Based Recreation	Not referenced in any programs or courses.	Fall 2019
NRRT 509	Science Education in Informal Settings	Listed in an Elective List (<i>will be administratively removed from</i>) PSNS-ZZ-MPSN: Professional Science Master's in Natural Sciences – Zoo, Aquarium, and Animal Shelter Management Specialization.	Fall 2019