UNIVERSITY CURRICULUM COMMITTEE AGENDA
Friday, January 27, 2023 at 10:00 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 deadlines:

    - **Today, January 27, 2023** is the deadline for new courses for Fall 2023
    - **February 24, 2023** is the deadline for Study Abroad courses for Spring 2024

MINUTES

The minutes of January 20, 2023.

OTHER BUSINESS

Discussion Items	
Topic	**Notes**
BA vs. BS Task Force Report	MS Teams > Provost UCC > Files tab > 2022-23 Meeting Materials > 9-23-22 UCC Meeting
Prerequisites for graduate-level courses	MS Teams > Provost UCC > Files tab > 2021-22 Meeting Materials > 9-23-22 UCC Meeting
Which policy topics should UCC be prioritizing?	• Overlap between majors and minors • Definition/criteria of Interdisciplinary Minors vs. Minors • Prerequisites for graduate-level courses • Affected department review (approval stops vs. FYIs, etc.) • 'As needed' offering term • Course numbers
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):
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 • Curricular Policies and Procedures Manual, General Catalog – Glossary, General Catalog – Degree Requirements

OLD BUSINESS

New Courses			
Course #	**Course Title**	**Notes**	**Effective Term**
Intra-University *IU 173A-D and IU 174A-D tabled again at 1/20/23 meeting to edit/shorten the course descriptions so they are more student-friendly. Credit not allowed statements have been added.*			
IU 173A	Thinking Toward a Thriving Planet: Approaches to Diversity, Equity, Inclusion	**AUCC 1C**: Diversity, Equity, and Inclusion **GT-AH3**: Ways of Thinking Previously offered as experimental course IU 180A2.	Fall 2023
IU 173B	Thinking Toward a Thriving Planet: Approaches to Arts and Humanities	**AUCC 3B**: Arts and Humanities **GT-AH3**: Ways of Thinking Previously offered as experimental course IU 180A2.	Fall 2023
IU 173C	Thinking Toward a Thriving Planet: Approaches to the Social/Behav. Sciences	**AUCC 3C**: Social and Behavioral Sciences **GT-SS3**: Human Behavior, Culture, or Social Frameworks Previously offered as experimental course IU 180A2.	Fall 2023
IU 173D	Thinking Toward a Thriving Planet: Approaches to History	**AUCC 3D**: Historical Perspectives **GT-HI1**: History Previously offered as experimental course IU 180A2.	Fall 2023
IU 174A	Questions for Human Flourishing: Approaches to Diversity, Equity, Inclusion	**AUCC 1C**: Diversity, Equity, and Inclusion **GT-AH2**: Literature & Humanities Previously offered as experimental course IU 180A7.	Fall 2023
IU 174B	Questions for Human Flourishing: Approaches to Arts and Humanities	**AUCC 3B**: Arts and Humanities **GT-AH2**: Literature & Humanities Previously offered as experimental course IU 180A7.	Fall 2023
IU 174C	Questions for Human Flourishing: Approaches to Social and Behavioral Science	**AUCC 3C**: Social and Behavioral Sciences **GT-SS3**: Human Behavior, Culture, or Social Frameworks. Previously offered as experimental course IU 180A7.	Fall 2023
IU 174D	Questions for Human Flourishing: Approaches to Historical Perspectives	**AUCC 3D**: Historical Perspectives **GT-HI1**: History Previously offered as experimental course IU 180A7.	Fall 2023
College of Veterinary Medicine and Biomedical Sciences			
MIP 410	Foundations of Modern Biotechnology	2 cr.; previously offered as experimental course MIP 480A2. *Tabled at 1/20/23 meeting to add 1370 Chair as an approval stop.*	Fall 2023

Major Changes to Existing Programs		
Program Title	**Notes**	**Effective Term**
Intra-University		
IITQ: Interdisciplinary Minor in Italian Studies	See CIM for all program changes *(includes revised Program Description)*. *Tabled at 12/2/22 meeting for concerns that all electives may not be sufficiently related to Italy. PLOs updated.*	Fall 2023

IRSQ: Interdisciplinary Minor in Russian Studies	See CIM for all changes. *Tabled at 12/2/22 meeting for concerns that all electives may not be sufficiently related to Russia. Also, LGEN 487 is 1-12 variable credits; need clarification on how many credits students are allowed to take. PLOs updated.*	Fall 2023

NEW BUSINESS

Major Changes to Existing Courses

Course #	Course Title	Notes	Effective Term
Walter Scott, Jr. College of Engineering			
BIOM 476 ~~BIOM 476A~~	Biomedical Engineering Clinical Practicum	• Course number change. • **Credit change** (*from 2 to 1-3 variable*) • Change of Dept./Unit: 1376 BIOM-SAU ~~1301~~ • Edits to course title and description. • Edit to prerequisites: BMS 300 ~~and (BIOM 470 or MECH 470)~~ • Addition of Universal Restrictions: NO Freshman, NO Sophomore, Undergraduate ONLY • Addition of restrictions: Written consent of instructor. Written consent of department chair. • Edit to grade mode: Instructor Option ~~S/U Sat/Unsat Only~~ *All affected programs have been updated (below).*	Fall 2023

New Courses

Course #	Course Title	Notes	Effective Term
Walter Scott, Jr. College of Engineering			
ATS 550	Atmospheric Radiation and Remote Sensing		Fall 2023
ATS 690	Social Responsibility in Atmospheric Science	2 cr.; previously offered as experimental course ATS 680A3; Graduate or Professional only	**Summer 2023**
College of Agricultural Sciences			
AB 111	Feeding the World in a Changing Climate	Proposed for **AUCC 3A** and **GT-SC2**.	Fall 2023
College of Liberal Arts			
JTC 575	Media Design and Production	Graduate only	Fall 2023
College of Natural Sciences			
CS 250	Computer Systems Foundations	4 cr.; previously offered as experimental course CS 280A1	**Summer 2023**
CS 214	Software Development		Fall 2023
CT 301	C++ Fundamentals	2 cr.	Fall 2023

New Minors		
Program Title	**Notes**	**Effective Term**
College of Business		
[Minor in Music Business](#)	Offered Main Campus Face-to-Face.	Fall 2023
College of Health and Human Sciences		
[Minor in Human Development & Family Studies](#)	Offered Main Campus Face-to-Face and Online/DCE.	Fall 2023

New Undergraduate Certificate		
Program Title	**Notes**	**Effective Term**
College of Natural Sciences		
[Certificate in Sports Statistics and Analytics](#)	Offered Main Campus Face-to-Face. *Coursework includes new courses STAT 351 and 451 (approved 1/20/23)*	Fall 2023

Major Changes to Existing Programs		
Program Title	**Notes**	**Effective Term**
Intra-University		
[IFIQ: Interdisciplinary Minor in Food Industry Management](#)	• Addition of AREC 222 as a required course. • Updates to elective lists.	Fall 2023
College of Agricultural Sciences		
[HORT-HBMZ-BS: Major in Horticulture, Horticultural Business Management Concentration](#)	• Freshman year: replacing ECON 204 with BUS 220. • Sophomore year: replacing CHEM 245 with HORT elective. • Junior year: replacing 'AREC 375 or BUS 205' with 'AREC 408 or FIN 305'. • Adjustments to number of elective credits.	Fall 2023
College of Liberal Arts		
[HIST-CMHZ-MA: Master of Arts in History, Public History Specialization, Cultural Resource Management & Historic Preservation Option, Plan B](#)	• See CIM for all changes. • Increase total credits from 36 to 37. *Coursework includes new course HIST 579 (approved 1/20/23)*	Fall 2023
[HIST-LBAZ-MA: Master of Arts in History, Liberal Arts Specialization, Plan A](#)	• See CIM for all changes *(includes revised Program Description).* • *Increase total credits from 33 to 34.* *Coursework includes new courses HIST 516 and 579 (approved 1/20/23)*	Fall 2023

HIST-LBAZ-MA: Master of Arts in History, Liberal Arts Specialization, Plan B	• See CIM for all changes *(includes revised Program Description).* • *Increase total credits from 33 to 34.* *Coursework includes new courses HIST 516 and 579 (approved 1/20/23)*	Fall 2023
MUSQ: Minor in Music	• See CIM for all changes *(includes revised Program Description).*	Fall 2023
College of Natural Sciences		
PHYS-APPZ-BS: Major in Physics, Applied Physics Concentration	• See CIM for all program changes *(includes revised Program Description).* *Includes new course CS 250* (see above).	Fall 2023
PHYS-PHYZ-BS: Major in Physics, Physics Concentration	• See CIM for all program changes.	Fall 2023
Walter Scott, Jr. College of Engineering		
CBEG-BMEC-BS: Dual Degree Program: Biomedical Engineering, B.S. Combined with Chemical and Biological Engineering, B.S.	• Updates to elective lists. • BIOM 476A and BIOM 476B merged into BIOM 476 in the BME Technical Elective list and Footnote 1. *Pending course # change for BIOM 476 (above).*	Fall 2023
CPEG-BMEP-BS: Dual Degree Program: Biomedical Engineering, B.S. Combined with Computer Engineering, B.S.	• See CIM for all program changes. *Pending course # change for BIOM 476 (above).*	Fall 2023
ELEG-ASPZ-BS: Major in Electrical Engineering, Aerospace Concentration	• See CIM for all program changes. • Decrease in Program Total Credits from 129 to 126. *Coursework includes new course MECH 104A (approved 1/20/23)*	Fall 2023
ELEG-BMEE-BS: Dual Degree Program: Biomedical Engineering, B.S., Combined with Electrical Engineering, B.S., Electrical Engineering Concentration	• See CIM for all program changes. *Pending course # change for BIOM 476 (above).*	Fall 2023
ELEG-ELEZ-BS: Major in Electrical Engineering, Electrical Engineering Concentration	• See CIM for all program changes. • Decrease in Program Total Credits from 129 to 126. *Coursework includes new course MECH 104A (approved 1/20/23)*	Fall 2023
ELEG-LOEZ-BS: Major in Electrical Engineering, Lasers and Optical Engineering Concentration	• See CIM for all program changes. *Coursework includes new course MECH 104A (approved 1/20/23)*	Fall 2023
IBMQ: Interdisciplinary Minor in Biomedical Engineering	• Addition of BIOM 422 to a 'Choose one course' list. • BIOM 476A and BIOM 476B merged into BIOM 476 in the BME Technical Elective list and footnote 1. *Pending course # change for BIOM 476 (above).*	Fall 2023
MECH-ACEZ-BS: Major in Mechanical Engineering, Aerospace Engineering Concentration	• See CIM for all program changes.	Fall 2023

[MECH-BMEM-BS: Dual Degree Program: Biomedical Engineering, B.S. Combined with Mechanical Engineering, B.S.](#)	• Updates to elective lists. *Pending course # change for BIOM 476 (above).*	Fall 2023
Warner College of Natural Resources		
[ECSS-BS: Major in Ecosystem Science and Sustainability](#)	• See CIM for all program changes. *Includes new course AB 111* (see above).	Fall 2023

CONSENT AGENDA

Experimental Courses – 1st Offering			
Course #	**Course Title**	**Notes/Changes**	**Effective Term**
College of Health and Human Sciences			
[FSHN 380A2](#)	Lactation Benefits and Promotion	2 cr.; online only	**Summer 2023**
College of Liberal Arts			
[MU 580A5](#)	Oratorio Literature		Fall 2023
Walter Scott, Jr. College of Engineering			
[ATS 580A5](#)	Climate Change Scenarios in Practice	Graduate only	Fall 2023

Minor Changes to Existing Courses			
Course #	**Course Title**	**Notes**	**Effective Term**
College of Agricultural Sciences			
[ANEQ 476](#)	Feedlot Systems	• Edit to prerequisites: ANEQ 320 with a minimum grade of C. • Edits to learning objectives and other course content. *Submitted in CIM as Major Change.*	Fall 2023
College of Business			
[CIS 611](#)	Object-Oriented Systems	• Removal of prerequisite: ~~CIS 610~~ • Edit to Add'l Reg. Info: Admission to the MCIS or ME program. ~~M.B.A., M.C.I.S., M.S.B.A., or M.E. program.~~ Sections may be offered: Online. • Addition of CLO's	Spring 2024
[CIS 665](#)	E-Business Application Technologies	• Edit to prerequisites: ~~CIS 605 and CIS 606 and~~ CIS 610; CIS 655 or concurrent registration. • Edit to Add'l Reg. Info: Admission to the MAS, MBA, or MCIS program. ~~M.B.A., M.C.I.S., M.S.B.A., or M.E. program.~~ Sections may be offered: Online. • Addition of CLO	Spring 2024
College of Health and Human Sciences			
[AM 143](#)	Introduction to Apparel Design	• Edit to offering term: Fall, Spring • Addition of CLO's	Fall 2023

Course #	Course Title	Notes/Changes	Effective Term
AM 270	Merchandising Processes	• Edit to prerequisites: AM 101 with a minimum grade of C; AM 130 with a minimum grade of C; (MATH 117; MATH 118) or MATH 120 or MATH 127 or MATH 141.	Fall 2023
AM 275	Product Development I	• Edit to prerequisites: AM 101 with a minimum grade of C; AM 110 with a minimum grade of C; AM 130 with a minimum grade of C; (MATH 117; MATH 118) or MATH 120 or MATH 127 or MATH 141.	Fall 2023
College of Liberal Arts			
PHIL 301	17th and 18th Century European Philosophy	• Edit to prerequisites: (PHIL 110 or PHIL 210) and PHIL 200-499 – at least 3 credits ~~PHIL 206 or PHIL 210 or PHIL 300~~ • Addition of CLO's	Fall 2023
PHIL 438	Philosophy of Mind	• Edit to prerequisites: PHIL 300-499 – at least 3 credits ~~300 or PHIL 301 or PHIL 302 or PHIL 315 or PHIL 325 or PHIL 327 or PHIL 359~~ • Addition of CLO's	Fall 2023
TH 253	Singing for Actors II	• Edit to prerequisite: MU 111 ~~and TH 153~~	Fall 2023
College of Natural Sciences			
CS 370	Operating Systems	• Edit to prerequisites: (CS 165 with a minimum grade of C) and ~~C or better) AND~~ (CS 250 ~~270~~ with a minimum grade of C or CS 270 ~~C or better OR ECE 251~~ with a minimum grade of C or ECE 251 with a minimum grade of C). ~~C or better).~~	Summer 2023
CS 445	Introduction to Machine Learning	• Edit to prerequisites: CS 165 with a minimum grade of C; (CS ~~CS~~ 345 with a minimum grade of C or ~~C;~~ (DSCI 235 with a minimum grade of C and DSCI 445 with a minimum grade of C)); (DSCI 369 with a minimum grade of C or MATH ~~with a minimum grade of C or MATH~~ 229 with a minimum grade of C or MATH ~~with a minimum grade of C or MATH~~ 369 with a minimum grade of C)	Fall 2023

Course Deactivations			
Course #	**Course Title**	**Notes/Changes**	**Effective Term**
College of Health and Human Sciences			
HES 545	Evolutionary Basis for Health and Fitness	Not listed in any programs or courses.	Spring 2023
HES 556	Wellness and Health Promotion Concepts		Summer 2023
HES 645	Epidemiology of Health and Physical Activity		Spring 2023
HES 656	Comprehensive Stress Management		Summer 2023
HES 686A	Practicum: Adult Fitness- Human Performance Clinical/Research Laboratory		Summer 2023
HES 686B	Practicum: Wellness Management		Summer 2023
HES 686C	Practicum: Youth Fitness and Skill Development		Summer 2023
HES 686D	Practicum: Health and Exercise Science Research		Summer 2023
HES 686E	Practicum: Applied Health and Exercise Science		Summer 2023
HES 687	Internship		Summer 2023
HES 695A	Independent Study: Health		Summer 2023
HES 695B	Independent Study: Exercise Science		Summer 2023

HES 695C	Independent Study: Biomechanics		Summer 2023
HES 695D	Independent Study: Neuromuscular Physiology		Summer 2023
HES 696A	Group Study: Health		Summer 2023
HES 696B	Group Study: Exercise and Nutrition		Summer 2023
HES 696C	Group Study: Exercise Science		Summer 2023
HES 696D	Group Study: Biomechanics		Summer 2023
HES 696E	Group Study: Neuromuscular Physiology		Summer 2023
HES 735	Human Cardiovascular Control		Summer 2023
HES 786	Practicum		Summer 2023
Walter Scott, Jr. College of Engineering			
BIOM 476B	Biomedical Clinical Practicum II		Fall 2023

Minor Changes to Existing Programs		
Program Title	**Notes**	**Effective Term**
College of Agricultural Sciences		
AGBU-FSSZ-BS: Major in Agricultural Business, Food Systems Concentration	• Junior year: updates to 'Select from' lists.	Fall 2023
College of Liberal Arts		
ANTH-BA: Major in Anthropology	• Junior year: update to 'Complete a minimum of 3 credits' list.	Fall 2023
ANTH-ARCZ-BA: Major in Anthropology, Archaeology Concentration	• Senior year: update to 'Select two' list.	Fall 2023
ANTH-BIOZ-BA: Major in Anthropology, Biological Anthropology Concentration	• Junior year: update to 'Complete a minimum of 3 credits' list.	Fall 2023
ANTH-CLTZ-BA: Major in Anthropology, Cultural Anthropology Concentration	• Junior year: update to 'Complete a minimum of 3 credits' lists.	Fall 2023
Walter Scott, Jr. College of Engineering		
MECH-BS: Major in Mechanical Engineering	• Update to Alternate Technical Electives list.	Fall 2023