

UNIVERSITY CURRICULUM COMMITTEE AGENDA
Friday, October 12, 2018 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 following PPPs and CPPs were approved at the 10/3/18 Council of Deans meeting:**
 - Preliminary Program Proposals:
 - B.A. in Global Environmental Sustainability
 - B.F.A. in Dance
 - B.S. in Livestock Business Management
 - B.S. in Plant Health (tentative title) from the Department of Bioagricultural Sciences and Pest Management
 - Comprehensive Program Proposals:
 - Doctor of Systems Engineering
 - Master of Agribusiness Innovation Management, Plan C

2. **Special Action memos have been sent from UCC to Executive Council for the following new degrees:**
 - Doctor of Systems Engineering
 - Master of Agribusiness Innovation Management, Plan C
 - Master of Conservation Leadership, Plan C

3. **UCC Deadlines reminders** (The [UCC deadlines document](#) is available on the Curriculum & Catalog homepage.)
 - The following proposals must be out of your college workflow in CIM by **10/12/18**:
 - Changes to undergraduate program titles or components thereof for **Spring 2019**
 - Changing or deactivating existing courses for **Summer 2019**
 - Study Abroad ‘subsequent offering’ (‘-82s’ and ‘permanent’ proposals) for **Summer 2019 and Fall 2019**
 - The following proposals must be out of your college workflow in CIM by **11/16/18**:
 - Experimental course proposals for **Spring 2019**
 - The following proposals must be out of your college workflow in CIM by **12/14/18**:
 - New courses for **Summer 2019**
 - Changing or deactivating existing courses for **Fall 2019** (*earlier date than last year*)

MINUTES

The minutes of October 5, 2018.

CONSENT AGENDA

See listing after New Business.

OTHER BUSINESS

| Discussion Items | |
|-------------------------|---|
| Topic | Notes |
| Study Abroad Policy | See documents uploaded to: FileShare > UCC Agenda > 09-28-18 Discussion Meeting > Study Abroad |

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| 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/ |

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| OLD BUSINESS |
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| Major Changes to Courses | | | |
|---|------------------------------|--|-----------------------|
| Course # | Course Title | Notes | Effective Term |
| <i>College of Liberal Arts</i> | | | |
| LFRE 108 | Intensive French I | Addition of Distance/Online offering; removal of prerequisites; edits to course description and offering term. <i>Tabled on 10/5/18 for department clarification on whether to include 'credit not allowed' statement for LFRE 101/106/108.</i> | Spring 2019 |
| LGER 108 | Intensive German I | Addition of Distance/Online offering; removal of prerequisites; edits to course description and offering term. <i>Tabled on 10/5/18 for department clarification on whether to include 'credit not allowed' statement for LGER 101/106/108.</i> | Spring 2019 |
| LSPA 108 | Intensive Spanish I | Addition of Distance/Online offering; removal of prerequisites; edits to course description and offering term. <i>Tabled on 10/5/18 for department clarification on whether to include 'credit not allowed' statement for LSPA 101/106/108.</i> | Spring 2019 |
| <i>College of Veterinary Medicine and Biomedical Sciences</i> | | | |
| MIP 432/ ESS 432 | Microbial Ecology | Addition of dual-listing with ESS and concurrent registration restriction with MIP 433/ESS 433. <i>ESS 432 would be administratively added as dual-listed course to all POS that currently list MIP 432. MIP 632 prerequisite would be administratively updated to 'MIP 432 or ESS 432.'</i> <i>Tabled on 10/5/18 for department clarification on the concurrent registration restriction.</i> | Spring 2019 |
| MIP 433 ESS 433 | Microbial Ecology Laboratory | Addition of dual-listing with ESS and concurrent registration restriction with MIP 432/ESS 432. <i>ESS 433 would be administratively added as dual-listed course to all POS that currently list MIP 433.</i> <i>Tabled on 10/5/18 for department clarification on the concurrent registration restriction.</i> | Spring 2019 |

| Walter Scott, Jr. College of Engineering | | | |
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| ENGR 597 | Group Study in Systems Engineering | Edits to course description, prerequisites and offering term; addition of 'Graduate only' restriction. Proposed as an elective in: SYSE-PHD: Ph.D. in Systems Engineering (program change not started in CIM yet) SYSE-MS: Master of Science in Systems Engineering (program change not started in CIM yet) ENGR-SYEZ-ME: Master of Engineering, Plan C, Systems Engineering Specialization (program change not started in CIM yet) Professional Doctorate in Systems Engineering (program proposal is in CPP check and course has not been added) <i>Tabled on 9/7/18 for clarification on program changes and course title – specifically, removal of the word 'Capstone'.</i> | Spring 2019 |

| New Courses | | | |
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| Course # | Course Title | Notes | Effective Term |
| Intra-University | | | |
| IE 379 | Maximizing Global Learning After Study Abroad | 1 cr.; Distance/Online and Face-to-Face. <i>Tabled on 10/5/18 and rolled back to initiator for edits.</i> | Spring 2019 |
| College of Liberal Arts | | | |
| D 292 | Seminar: The Dancing Body | Proposed as an elective in the Major in Dance (program change for the BA is not started in CIM yet; the BFA is saved but not submitted). <i>Tabled on 10/5/18 for department clarification on why D 192 and D 292 are seminars.</i> | Spring 2019 |
| College of Natural Sciences | | | |
| CHEM 263 | Foundations of Inorganic Chemistry Laboratory | Chemistry majors only. Proposed as required in (program changes have not been started in CIM yet): <ul style="list-style-type: none"> • CHEM-ACSZ-BS • CHEM-NACZ-BS <i>Tabled on 10/5/18 for department clarification on whether to add 'credit not allowed' statement for CHEM 261/263.</i> | Spring 2019 |
| Walter Scott, Jr. College of Engineering | | | |
| ATS 740 | Atmospheric Electricity | Written consent of instructor needed. Previously offered as experimental course ATS 780A3 (Spring 2014: 6 students; Spring 2017: 5 students). <i>Tabled on 10/5/18 to clarify one of the learning objectives.</i> | Spring 2019 |
| CIVE 513 | Morphodynamic Modeling | Previously offered as experimental course CIVE 581A9 (Spring 2015: 9 students; Spring 2017: 13 students). Proposed as an elective in: <ul style="list-style-type: none"> • CIVE-MS • CIVE-PHD • ENGR-CIVZ-ME <i>Tabled on 10/5/18 for approval of Geosciences (reviewed and approved).</i> | Spring 2019 |

| Major Changes to Existing Programs | | |
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| Program Title | Notes | Effective Term |
| <i>Walter Scott, Jr. College of Engineering</i> | | |
| ELEG-MS: Master of Science in Electrical Engineering, Plan B | Updating curriculum to reflect two plans available for students. <i>Tabled on 9/14/18 for additional information on the program's Plan B requirements.</i> | Spring 2019 |

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| NEW BUSINESS |
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| Major Changes to Courses | | | |
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| Course # | Course Title | Notes | Effective Term |
| <i>College of Veterinary Medicine and Biomedical Sciences</i> | | | |
| VM 637 | Veterinary Bacteriology and Mycology | Decrease in credits from 3 to 2 (in line with other infectious disease discipline courses offered in same semester). | Spring 2019 |

| New Courses | | | |
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| Course # | Course Title | Notes | Effective Term |
| <i>College of Agricultural Sciences</i> | | | |
| HORT 453 | Principles of Fruit Crop Management | Distance/Online and Face-to-Face. Will replace HORT 450A and HORT 450B (see deactivation proposals below). Proposed as both a required course and an elective in various programs (program proposals are saved but not submitted in CIM). | Spring 2019 |
| <i>College of Liberal Arts</i> | | | |
| GR 548 | Biogeography | Proposed as an elective in: <ul style="list-style-type: none"> • PhD in Anthropology • ANTH-MA • ANTH-HEVZ-MA | Spring 2019 |
| <i>College of Natural Sciences</i> | | | |
| BZ 568/ FW 568 | Sustaining River Ecosystems in Changing World | Previously offered as experimental course BZ 680A2/FW 680A2 (Fall 2013: 13 students, Fall 2015: 17 students). | Spring 2019 |
| <i>College of Veterinary Medicine and Biomedical Sciences</i> | | | |
| VM 777 | Feline Medicine | 1 cr.; DVM students only. | Spring 2019 |
| VS 665E | Advanced Topics in Veterinary Cardiology: Cardiovascular Imaging | 2 cr.; DVM or equivalent professional medicine degree required, or by instructor permission. | Spring 2019 |

| Warner College of Natural Resources | | | |
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| NR 426 | Programming for GIS I | Permanent partial semester. | Spring 2019 |
| NR 427 | Programming for GIS II | Permanent partial semester. | Spring 2019 |
| WR 671 | Advanced Topics in Watershed Science | 1-6 var. cr.; may be repeated for a maximum of 9 credits. | Spring 2019 |

| CLA Semester Study Abroad Program at Todos Santos – 1st Offering | | | |
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| Course # | Course Title | Notes/Changes | Effective Term |
| Study Abroad courses – 1st offerings | | | |
| ART 382C | Study Abroad: Art Meets Environment in Baja California Sur | 1st offering; 3 credits. Travel dates: 12/9/19-12/21/19 (13 days) Written consent of instructor required. Distance/Online and Face-to-Face (1 credit taught Distance/Online from 8/26/19-10/18/19; 2 credits taught in Baja). | Fall 2019 |
| E 382C | Study Abroad: Writing Stories of Community in Todos Santos | 1st offering; 3 credits. Travel dates: 11/25/19-12/7/19 (13 days) Distance/Online and Face-to-Face (1 credit taught Distance/Online from 8/26/19-10/18/19; 2 credits taught in Todos Santos). | Fall 2019 |
| ETST 382B | Study Abroad: Latinx Creative Expression in Mexico | 1st offering; 3 credits. Travel dates: 10/28/19-11/9/19 (13 days) Distance/Online and Face-to-Face (1 credit taught Distance/Online from 8/26/19-10/18/19; 2 credits taught in Mexico). | Fall 2019 |
| HIST 382D | Study Abroad: History, Community, and Environment in Mexico | 1st offering; 3 credits. Travel dates: 11/11/19-11/23/19 (13 days) Distance/Online and Face-to-Face (1 credit taught Distance/Online from 8/26/19-10/18/19; 2 credits taught in Mexico). | Fall 2019 |
| New course (not a Study Abroad course) | | | |
| LSPA 251 | Language & Culture for Education Abroad: Spanish Language and Culture | Distance/Online only; permanent partial semester. Proposed for AUCC Cat 3B, but not GtPathways. | Fall 2019 |

| Study Abroad Courses – 1st Offering | | | |
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| Course # | Course Title | Notes/Changes | Effective Term |
| <i>College of Health and Human Sciences</i> | | | |
| EDAE 682A | Study Abroad: Applications of Lifelong Learning– Thailand | <p>1st offering; 3 credits. Travel dates: 5/26/19-6/8/19 (14 days)</p> <p>Offered as Mixed Face-to-Face. Preparatory discussion, activities, and planning before and after travel will be delivered online.</p> <p><u>OIP brochure:</u> Through this summer faculty-led program, students examine historical, social, political, and cultural differences that shape lifelong learning practices in Thailand. Students will expand their knowledge of spirituality and adult education abroad and within their local community. Prior to departure, online coursework will provide students with an introduction to adult learning concepts related to spirituality in Thailand. Coursework will be enhanced through guest lectures, hands-on learning experiences, and opportunities to participate in conversations and spiritual practices while on-site in Thailand. Educational visits include, but are not limited to, traditional markets, Buddhist temples, Doi Suthep mountain, a local Islamic mosque and school, and an elephant rescue sanctuary.</p> | Summer 2019 |
| <i>College of Liberal Arts</i> | | | |
| ART 382A | Study Abroad in Japan: Art History | <p>1st offering; 3 credits each course. Travel dates: 7/17/19-8/6/19 (21 days)</p> <p><u>OIP brochure:</u> CREDITS: All committed students will be registered for ART 382A Study Abroad - Art in Japan: Drawing (3 credits) and/or ART 382B Study Abroad: Art History in Japan (3 credits) through CSU's Division of Continuing Education. All tuition and program charges will be billed at the start of the fall term.</p> | Summer 2019 |
| ART 382B | Study Abroad in Japan: Studio Art | <p>This summer CSU faculty-led program explores how the visual arts and architecture in Japan communicate through form in a given context by focusing on the question, “How do Japanese aesthetics and traditional arts inform contemporary art and culture?” Participants will experience the ways that art and aesthetics are threaded into everything in Japan, from the mundane (cups, socks, packaging, etc.) to the refined elements of art and design (pottery, textiles, architecture, etc.).</p> | |
| E 382B | Study Abroad: Shakespeare in Oxford | <p>1st offering; 3 credits. Travel dates: 5/21/19-6/25/19 (36 days)</p> <p><u>OIP brochure:</u> This summer faculty-led program allows University Honors Program students and high achieving English majors/minors to experience Shakespeare off the written page. Additionally, students will take an individualized course with Oxford professors for one-on-one tutorials in their field of interest. Applicant must be either be a student in the Honors Program or an English major/minor with a minimum 3.2 GPA.</p> | Summer 2019 |

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| E 482A/ LB 482A | Study Abroad: Energy Transitions in Europe | 1st offering; 3 credits. Travel dates: 5/19/19-5/31/19 (13 days) OIP brochure: This CSU faculty-led summer program focuses on interdisciplinary perspectives of energy transitions in Europe. Students will travel to three countries to examine questions about energy and climate within several different cultural contexts. Western Europe, with its relatively small geographic area and extensive cultural diversity, offers a unique environment in which students will explore the evolution of various forms of energy. Students will travel to Paris, Brussels, and Copenhagen. | Summer 2019 |
| SPCM 482B | Study Abroad: Social Support & Communication in Spain | 1st offering; 3 credits. Travel dates: 5/23/19-6/15/19 (24 days) OIP brochure: On this CSU faculty-led summer program located in Murcia, Spain, students will critically explore the theory and research regarding social support, its influences on interpersonal relationships and health, and its social functions particularly within the context of study abroad and intercultural experiences in Spain. Student learning is enhanced by participating in survival Spanish lessons, visits to local organizations and cultural sites, as well as presentations by guest lecturers from the University of Murcia. | Summer 2019 |

Warner College of Natural Resources

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| ESS 382A | Study Abroad: Socio- Ecological Landscapes of Mongolia | 1st offering; 6 credits. Travel dates: 7/15/19-8/17/19 (34 days) Written consent of instructor required. From attached syllabus: The course is composed of two parts: 1) 8 weeks of 1-hour meetings during the Spring semester, and 2) 5-week field experience in Mongolia. OIP brochure: This summer CSU faculty-led program takes you to Mongolia for a field-based, place-based experience. You will engage in a different culture through interaction and observation of Mongolian herder communities, local guest lecturers and Mongolian students to enhance cultural learning and shared research. | Summer 2019 |
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Study Abroad Course – 2nd Offering

| Course # | Course Title | Notes/Changes | Effective Term |
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| College of Health and Human Sciences | | | |
| CON 382A | Study Abroad: European Perspectives | 2nd offering, 3 credits. 1st offering: Summer 2018 (13 students) Travel dates: 7/20/19-8/18/19 (30 days) Other pertinent info: Thirteen Construction Management majors (including two dual majors in Interior Architecture and Design) participated in the summer 2018 offering of CON 382A. The students provided good comments and indicated a highly positive learning experience overall. Students provided a few constructive criticisms, all regarding travel logistics and laundry services at the hotels, these will be considered for incorporation in the course pre-travel information provided to students as well as future offerings. The instructor and students concurred that the workload was reasonable, but a little more rigor could be added without compromising the study abroad experience. | Summer 2019 |

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| | | <p>OIP brochure: This summer faculty-led program, sponsored by the Department of Construction Management, focuses on the interdisciplinary study of the built environment in Europe. Students will examine the world of architecture and construction, both past and present trends, and what the future holds. The course is contextualized-- the various cities become the classroom, the lecture hall, and the lab. Countries may include the Netherlands, Germany, Belgium, and France.</p> | |
| College of Liberal Arts | | | |
| <p>ESS 482A/ ANTH 482A</p> | <p>Study Abroad: Communities and Conservation in South Africa</p> | <p>2nd offering, 6 credits. 1st offering: Summer 2018 (17 students) Travel dates: 6/10/19-7/2/19 (23 days)</p> <p>Written consent of instructor required.</p> <p><u>Other pertinent info:</u> In the above submission for the second year of our very successful program, we have made minor changes to sites, projects and deliverables. Most significantly, we have expanded the collaboration with Chicago's Lincoln Park Zoo and formalized the collection of camera trap data, along an urban gradient. Field data collection for this project now forms part of the assessment of the course.</p> <p>OIP brochure: This summer CSU faculty-led program takes you into the wildest areas of savannah South Africa to work with and learn from rural community members. The 6 credit Ecosystem Science and Sustainability course will offer insights into the innovative forms of community-based natural resource management emerging in South Africa.</p> | <p>Summer 2019</p> |
| <p>WS 382A</p> | <p>Study Abroad: LGBTQ Advocacy and Policy in Spain</p> | <p>2nd offering, 3 credits. 1st offering: Summer 2018 (7 students) Travel dates: 5/25/19-6/2/19 (9 days)</p> <p><u>Other pertinent info:</u> The attached new variable option syllabus has a grid with all academic content outlined alongside the schedule of activities/events accounted for to outline the objectives met and how many hours will be spent.</p> <p>OIP brochure: This CSU staff-led summer program, Sponsored by the Pride Resource Center and Women's Studies, allows students to learn about specific policies and advocacy work concerning the LGBTQ communities in Spain. Site visits to enhance academic content include visiting Casal Lambda, an association that brings together the local LGBTQ community to provide social and health services, the Axel Hotel Barcelona, a day trip to Sitges, Spain's most gay-friendly town, ACEGAL, a major Catalan association of firms and businesses for the LGBTQ Community, and more.</p> | <p>Summer 2019</p> |
| Walter Scott, Jr. College of Engineering | | | |
| <p>BIOM 382A</p> | <p>Study Abroad: Prosthetics in Ecuador</p> | <p>2nd offering, 1-2 credits. 1st offering: Summer 2018 (24 students) Travel dates: 5/24/19-6/2/19 (10 days)</p> <p><u>Other pertinent info:</u> Students will be required to submit daily journal entries that reflect observations and insights on the culture of innovation in Ecuador. Students registered for 2 credits will be required to submit a post-experience video presentation and a post-experience project proposal assignment.</p> | <p>Summer 2019</p> |

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| | | <p>OIP brochure: This summer CSU faculty-led program will provide students with an introduction to biomedical innovations. Students will learn about prosthetic design and fabrication, function, and delivery to difficult-to-reach populations. In partnership with the Range of Motion Project (ROMP), a non-profit for-impact healthcare organization, participants will be to design and test prosthetic technology in a low resource setting alongside ROMP personnel and clinicians. Students will work in clinics and dev-labs at the Fundación Hermano Miguel in Quito and have a weekend excursion to the Ecuadorian countryside.</p> | |
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| New Graduate Certificate | | |
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| Program Title | Notes | Effective Term |
| <i>College of Business</i> | | |
| Graduate Certificate in Business Management | Online/DCE only. <i>Approved by CoSRGE on 10/4/18.</i> | Fall 2019 |

| Program Deactivations | | | |
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| Program Title | Notes | Last Term Students Can Be Admitted | Last Term Students Can Complete |
| <i>College of Health and Human Sciences</i> | | | |
| HAES-MS: Master of Science in Health and Exercise Science, Plan B | We are deleting the Plan B "Clinical Track" program. No students are currently in the program. We will continue to offer the Plan A research track program. <i>Approved by CoSRGE on 10/4/18.</i> | Fall 2018 | Fall 2018 |

CONSENT AGENDA

| Experimental Courses – 1st Offering | | | |
|---|---|--|----------------|
| Course # | Course Title | Notes | Effective Term |
| <i>College of Liberal Arts</i> | | | |
| SPCM 380A3 | Screenwriting as Communication | No permanent course proposal found in CIM. | Spring 2019 |
| SPCM 480A1 | Listening Across Difference | No permanent course proposal found in CIM. | Spring 2019 |
| WS 280A1 | Whiteness, Gender, and Sexuality | No permanent course proposal found in CIM. | Spring 2019 |
| <i>Walter Scott, Jr. College of Engineering</i> | | | |
| CIVE 580B4 | Pollution, Exposure, and the Environment Quantitative Exposure Science | 1 st offering approved for Fall 2018, but not populated. Edit to course title. No permanent course proposal found in CIM. | Spring 2019 |
| ECE 580C1 | Interconnection Networks | Distance/Online and Face-to-face. No permanent course proposal found in CIM. | Spring 2019 |

| Experimental Courses – 2 nd Offering (for informational purposes only) | | | |
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| Course # | Course Title | Notes | Effective Term |
| <i>College of Agricultural Sciences</i> | | | |
| HORT 580A4 | Light and Controlled Environment Agriculture | 1 st offering: Fall 2017 (10 students). No permanent course proposal found in CIM. | Spring 2019 |

| Minor Changes to Courses | | | |
|---|---|---|----------------|
| Course # | Course Title | Notes | Effective Term |
| <i>College of Agricultural Sciences</i> | | | |
| HORT 454 | Horticulture Crop Production and Management | Edit to offering term: Fall , Spring Edit to prerequisites: HORT 310 or HORT 451 or HORT 453 , 100 | Spring 2019 |
| <i>College of Health and Human Sciences</i> | | | |
| HDFS 375 | Lifespan Intervention and Prevention Science | Edit to prerequisites: HDFS 310 , HDFS 311 , 101 | Fall 2019 |
| <i>College of Natural Sciences</i> | | | |
| BZ 565/ MIP 565 | Next Generation Sequencing Platform/Libraries | Edit to prerequisites: None CM-505 . | Fall 2019 |
| <i>College of Veterinary Medicine and Biomedical Sciences</i> | | | |
| VS 628 | Physiology and Pathophysiology | Edits to offering year: Even Every Edits to offering term: Spring Fall | Spring 2020 |

| Course Deactivations | | | |
|---|---|---|----------------|
| Course # | Course Title | Notes | Effective Term |
| <i>College of Agricultural Sciences</i> | | | |
| HORT 450C | Horticulture Food Crops: Small Fruit Production | New course HORT 453 (above) will replace HORT 450C and HORT 450D. | Summer 2019 |
| HORT 450D | Horticulture Food Crops: Tree Fruit Production | | Summer 2019 |