

UNIVERSITY CURRICULUM COMMITTEE MINUTES

A regular meeting of the University Curriculum Committee was held on **March 6, 2020** at 2:00 p.m.

The meeting adjourned at 4:02 p.m.

Minutes

The minutes of February 28, 2020 were approved.

Consent Agenda

The Consent Agenda was approved.

Please note: Approved 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 below. Once a course proposal is fully approved through the CIM workflow (approved proposal will be viewable under 'History' box on right side of CIM-Courses screen), the course should be available to be added to the Class Schedule in ARIES/Banner (contingent on the effective term approved by UCC and Scheduling deadlines).

New Courses			
Course #	Course Title	Notes	Effective Term
CS 345	Machine Learning Foundations and Practice	Offered Distance/Online and Face-to-face; 'credit not allowed' with DSCI 445. <i>Curriculum & Catalog Unit will administratively add a 'credit not allowed' statement on DSCI 445.</i>	Fall 2020
CS 415	Software Testing	4 cr.; offered Distance/Online and Face-to-face.	Spring 2021
CS 422	Automata, Logic, and Computation	4 cr.; offered Distance/Online and Face-to-face; previously offered as CS 480A4 .	Fall 2020
CS 456	Modern Cybersecurity	4 cr.; offered Distance/Online and Face-to-face. <i>Approved for AUCC 4C in the new Networks and Security Concentration and the existing Computer Science Concentration.</i>	Fall 2020
CS 458	Blockchain Principles and Applications	4 cr.; offered Distance/Online and Face-to-face; previously offered as experimental course CS 481A3 (Spring 2019: 61 students). <i>Approved AUCC 4C in the existing Computer Science Concentration.</i>	Fall 2020
EDUC 461B	Secondary Science and Technology Education II	Previously offered as experimental course EDUC 480A2 .	Spring 2021
F 209	Introduction to Forest and Rangeland Ecology	<i>Curriculum & Catalog Unit will administratively add a 'credit not allowed' statement on LAND 220/LIFE 220 and LIFE 320.</i>	Fall 2020

Major Changes to Existing Courses			
Course #	Course Title	Notes/Changes	Effective Term
CS 314	Software Engineering	<i>Approved for AUCC 4A/4B in the existing Human-Centered Computing Concentration and in four new concentrations (see New Concentrations below). Existing AUCC 4A and approved for AUCC 4B in the existing Computer Science Concentration.</i>	Fall 2020
D 220A	Dance Techniques III: Modern	Edits to course description, prerequisite, and addition of 'May be taken up to 3 times for credit.'	Spring 2021
D 220B	Dance Techniques III: Ballet	Edits to course description, prerequisite, and addition of 'May be taken up to 3 times for credit.'	Spring 2021
D 221A	Dance Techniques IV: Modern	Edits to course description, prerequisite, and addition of 'May be taken up to 3 times for credit.'	Spring 2021
D 221B	Dance Techniques IV: Ballet	Edits to course description, prerequisite, and addition of 'May be taken up to 3 times for credit.'	Spring 2021

New Concentrations		
Program Title	Notes	Effective Term
Major in Computer Science, Artificial Intelligence and Machine Learning Concentration	AUCC 4A/4B course: CS 314 AUCC 4C courses: CS 425, CS 440, CS 445	Fall 2020
Major in Computer Science, Computing Systems Concentration	AUCC 4A/4B course: CS 314 AUCC 4C courses: CS 435, CS 453, CS 455, CS 457, CS 475	Fall 2020
Major in Computer Science, Networks and Security Concentration	AUCC 4A/4B course: CS 314 AUCC 4C course: CS 456, CS 457	Fall 2020
Major in Computer Science, Software Engineering Concentration	AUCC 4A/4B course: CS 314 AUCC 4C course: CS 414	Fall 2020

Major Changes to Existing Programs		
Program Title	Notes	Effective Term
CPSC-CPSZ-BS: Major in Computer Science, Computer Science Concentration <i>(The intent is to move these requirements from being a 'concentration' to be the requirements for the 'standalone' Major in Computer Science without a concentration.)</i>	<ul style="list-style-type: none"> • Adding AUCC 4B designation and retaining 4A designation for CS 314; removing AUCC 4B designation from CS 320. <ul style="list-style-type: none"> ◦ <i>A course proposal does need to be submitted in CIM to remove 4B designation from CS 320.</i> • AUCC 4C courses: CS 410, CS 414, CS 420, CS 425, CS 430, CS 435, CS 440, CS 445, CS 455, CS 456, CS 457, CS 458, CS 464, CS 475 • Removing required courses MATH 161, CS 356, and 'Additional Science' requirement. • Adding required course CS 201/PHIL 201 (AUCC 3B). • Adding footnote to MATH 160 that "MATH 155 will be accepted as a substitute, for students changing major into Computer Science." • Edits to 3A course list • Decreasing AUCC 4C course list from 16 to 4 credits and adding requirements for upper-division CS courses Junior and Senior year. • Removing 'Technical Electives' requirement and adding requirement to complete a minor or 2nd major <i>OR</i> to complete 'Technology Focus' courses (Technology Elective list and CS 400-level courses) • Other minor changes to 'select from' lists and general electives – see CIM proposal 	Fall 2020
NSCI-BLEZ-BS: Major in Natural Sciences, Biology Education Concentration	EDUC 460 replaced with a two-course sequence: EDUC 461A and EDUC 461B.	Fall 2020
NSCI-CHEZ-BS: Major in Natural Sciences, Chemistry Concentration		
NSCI-GLEZ-BS: Major in Natural Sciences, Geology Education Concentration		
NSCI-PHEZ-BS: Major in Natural Sciences, Physics Education Concentration		

Program Title Change		
Program Title	Notes	Effective Term
Professional Science Master's in Ecosystem Science & Sustainability		Fall 2020

Program Deactivation			
Program Title	Notes	Last admit term	Last term students can complete
GGMA-MGMA: Master of Greenhouse Gas Management and Accounting, Plan C (M.G.M.A.)	Replaced by the Professional Science Master's in Ecosystem Science & Sustainability (<i>see Program Title Change above</i>)	Fall 2020	Spring 2023

CONSENT AGENDA

Experimental Courses – 1st Offering			
Course #	Course Title	Notes/Changes	Effective Term
ECE 280A1	Introduction to Project Practices	1 cr.	Fall 2020
MECH 481A6	Mechanical Engineering Data Analysis in R	Offered Distance/Online and Face-to-face.	Fall 2020

Minor Changes to Existing Courses			
Course #	Course Title	Notes	Effective Term
ERHS 546	Environmental Exposure Assessment	Edit to prerequisites: (ERHS 448, may be taken concurrently) CHEM 113	Fall 2020

Course Deactivation			
Course #	Course Title	Notes	Effective Term
HORT 377	Horticultural Methods for Therapy Programs	Not referenced in any programs or active courses.	Summer 2020

Miscellaneous Request		
Program	Notes/Changes	Effective Term
Engineering Science Technical Elective Parameters	To meet ABET accreditation requirements, the Walter Scott, Jr. College of Engineering is requesting to update the parameters for the Engineering Science (EGSC-BS) concentrations' Technical Elective categories to ensure all EGSC-BS students complete a minimum of 45 total engineering credits by graduation. The attached file outlines the specific parameter updates that need to be made to ensure students' degree audit reports (DARS) meet ABET accreditation criterion. Please note this request is being made as a miscellaneous request due to the recent deactivation of all EGSC concentrations.	Fall 2020

Minutes approved by the University Curriculum Committee on 3/13/20.

Brad Goetz, Chair
 Shelly Ellerby and Susan Horan, Curriculum & Catalog