

## UNIVERSITY CURRICULUM COMMITTEE MINUTES

A regular meeting of the University Curriculum Committee was held on **February 14, 2020** at 2:00 p.m.  
The meeting adjourned at 3:52 p.m.

### Minutes

The minutes of February 7, 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).

<b>Miscellaneous Request: MECH-BS</b>	
<b>Request</b>	<b>Notes</b>
<a href="#">MECH-BS</a>	The Department of Mechanical Engineering recently put forward a new <a href="#">Aerospace Engineering Concentration</a> to begin FA20. The Department plans to put forward a second concentration in Advanced Manufacturing to begin FA21. The Department would like to maintain the standalone MECH-BS (with one concentration) for one year while the second concentration is being finalized. Please see attached memo for further explanation and details.

<b>New Courses</b>			
<b>Course #</b>	<b>Course Title</b>	<b>Notes</b>	<b>Effective Term</b>
<a href="#">ANTH 674</a>	Research Design and Analysis	Graduate and Professional only.	Fall 2020
<a href="#">CS 559</a>	Quantitative Security	4 cr.; offered Distance/Online and Face-to-face.	Fall 2020
<a href="#">ESS 401</a>	Sustainability of Parks and Protected Places		Fall 2020
<a href="#">HORT 192/ LAND 192</a>	Orientation to Horticulture & Landscape Arch	1 cr.; partial semester; S/U Only.	Fall 2020
<a href="#">IDEA 510</a>	Processes of Human-Centered Design Thinking	Offered Distance/Online and Face-to-face.	Fall 2020
<a href="#">IDEA 520</a>	Methods for Human-Centered Design Thinking	Offered Distance/Online and Face-to-face.	Fall 2020
<a href="#">OT 760</a>	Leadership Skills of Change Agents	2 cr.; offered as Face-to-face; requires concurrent registration in OT 769 and OT 786E.	Fall 2021
<a href="#">OT 762</a>	Early Through Middle Childhood	2 cr.; offered as Face-to-face; requires concurrent registration in OT 763, OT 764, and OT 786E.	Fall 2021
<a href="#">OT 763</a>	Early Through Middle Childhood Lab	1 cr.; offered as Face-to-Face; requires concurrent registration in OT 762, OT 764, and OT 786E.	Fall 2021
<a href="#">OT 764</a>	Adolescent and Young Adult	2 cr.; offered as Face-to-face; requires concurrent registration in OT 762, OT 763, and OT 786E.	Fall 2021
<a href="#">OT 769</a>	Capstone Project and Experience Development	3 cr.; offered Mixed Face-to-face and Face-to-face.	Fall 2021
<a href="#">OT 772</a>	Innovative Practice in Occupational Therapy	2 cr.; partial semester; offered as Face-to-face; requires concurrent registration in OT 786F.	Fall 2021
<a href="#">OT 779</a>	Capstone Project	1 cr.; offered Face-to-Face and Distance/Online; S/U only.	Fall 2021
<a href="#">OT 786E</a>	Practicum: Integrative Experiential Learning IV	1 cr. Internship/Practica; requires concurrent registration in OT 762, OT 763, and OT 764.	Fall 2021

<a href="#">OT 786F</a>	Practicum: Integrative Experiential Learning V	1 cr. Internship/Practica; partial semester; requires concurrent registration in OT 772.	Fall 2021
<a href="#">OT 788</a>	Level IIB Fieldwork - Lifespan Experience	12 cr. Internship/Practica; S/U only.	Fall 2021
<a href="#">OT 789</a>	Capstone Experience	14 cr. Internship/Practica and Distance/Online; partial semester; S/U only.	Fall 2021
<a href="#">STAR 695</a>	Independent Study-- Applied Statistics	1-3 var. cr.; requires written consent of instructor. Previously offered as experimental course <a href="#">STAT 681A1</a> (Spring 2020: 2 students).	Fall 2020

#### Guaranteed Transfer (GT) Pathways New Submission (*GT-SC2*)

Course #	Course Title	Notes	Effective Term
<a href="#">ANTH 274</a>	Human Diversity	Existing course; approved for <a href="#">AUCC 3A: Biological and Physical Sciences/GT-SC2: Lecture Course Without Required Laboratory</a>	Fall 2020

#### Guaranteed Transfer (GT) Pathways Course Resubmission (*GT-SSI*)

Course #	Course Title	Notes	Effective Term
<a href="#">ECON 240/ AREC 240</a>	Issues in Environmental Economics	Existing <a href="#">AUCC Cat 3C: Social &amp; Behavioral Sciences</a> Resubmission for <a href="#">GT-SSI: Economic or Political Systems</a>	Fall 2020

#### Major Changes to Courses

Course #	Course Title	Notes	Effective Term
<a href="#">ECE 520</a>	Optimization Methods- Control & Communication	Addition of Distance/Online offering.	Fall 2020
<a href="#">ERHS 770</a>	<del>Radiation/Cancer Biology- Comparative Oncology</del> <del>Radiation Biology Basic to Tumor Therapy</del>	Schedule Type change from recitation to seminar; edits to course title and description.	Fall 2020
<a href="#">JTC 413</a>	New <del>Media Trends Communication Technologies</del> and Society	Edits to course title, description, offering term, and prerequisites, addition of 'Junior standing' restriction. Existing AUCC 4A and 4B in JAMC-BA. JTC 413 is already listed in the Fall semester of Junior year on the MCM.	Fall 2020
<a href="#">MU 486A</a>	Practicum: Music Therapy	Credit change from 1-3 var. to 1; addition of Distance/Online offering; edits to course description, prerequisites, and offering term; change in Grade Mode from Instructor Option to Traditional; addition of 'Audition required' and 'Background check required' to Registration Information.	Fall 2020

#### New Graduate Certificate

Program Title	Notes	Requested Effective Term
<a href="#">Graduate Certificate in Biomaterials/Tissue Engineering</a>	Offered Main Campus Face-to-face and Online/DCE.	Fall 2020

<b>Major Changes to Existing Programs</b>		
<b>Program Title</b>	<b>Notes</b>	<b>Effective Term</b>
<a href="#"><u>CBEG-BS: Major in Chemical and Biological Engineering</u></a>	<ul style="list-style-type: none"> <li>• CBE 493 changed to CBE 393;</li> <li>• CIVE 439 dropping of dual-listing with CBE 439;</li> <li>• Addition of Bioscience, Engineering and Technical electives lists.</li> </ul>	Fall 2020
<a href="#"><u>CBEG-BMEC-BS: Dual Degree Program: Biomedical Engineering, B.S. Combined With Chemical and Biological Engineering, B.S.</u></a>	<ul style="list-style-type: none"> <li>• CBE 493 changed to CBE 393</li> <li>• Removing LIFE 210 as a required course and replacing with a set of BME Broad Electives;</li> <li>• CBE 543 dropping of dual-listing with BIOM 543</li> <li>• CIVE 439 dropping of dual-listing with CBE 439</li> <li>• Updates to BME Technical Electives and CBE Technical Electives.</li> </ul>	Fall 2020
<a href="#"><u>ELEG-BMEE-BS: Dual Degree Program: Biomedical Engineering, B.S. combined with Electrical Engineering, B.S., Electrical Engineering Concentration</u></a>	<ul style="list-style-type: none"> <li>• Removing LIFE 210 as a required course and replacing with a set of BME Broad Electives;</li> <li>• CBE 543 dropping of dual-listing with BIOM 543;</li> <li>• CIVE 439 dropping of dual-listing with CBE 439;</li> <li>• Updates to BME Technical Electives.</li> </ul>	Fall 2020
<a href="#"><u>ELEG-BMEL-BS : Dual Degree Program: Biomedical Engineering, B.S. combined With Electrical Engineering, B.S., Lasers and Optical Engineering Concentration</u></a>	<ul style="list-style-type: none"> <li>• Removing LIFE 210 as a required course and replacing with a set of BME Broad Electives;</li> <li>• CIVE 439 dropping of dual-listing with CBE 439;</li> <li>• Updates to BME Technical Electives.</li> </ul>	Fall 2020
<a href="#"><u>ENGR-SYEZ-ME: Master of Engineering, Plan C, Systems Engineering Specialization</u></a>	Updating the SYSE courses with new subject codes; updating CIS 600 to CIS 600A; updates to core courses and electives.	Fall 2020
<a href="#"><u>MECH-BMEM-BS: Dual Degree Program: Biomedical Engineering, B.S. combined with Mechanical Engineering, B.S.</u></a>	<ul style="list-style-type: none"> <li>• Removing LIFE 210 as a required course and replacing with a set of BME Broad Electives;</li> <li>• CBE 543 dropping of dual-listing with BIOM 543;</li> <li>• CIVE 439 dropping of dual-listing with CBE 439;</li> <li>• Updates to BME Technical Electives.</li> </ul>	Fall 2020
<a href="#"><u>PHIL-GPRZ-BA: Major in Philosophy, Global Philosophies and Religions Concentration</u></a>	Addition of PHIL 410 and PHIL 411 to Sophomore year 'Select one' list. Changing minimum grade requirement from C- (1.670) to C (2.000).	Fall 2020
<a href="#"><u>PHIL-PSAZ-BA: Major in Philosophy, Philosophy, Science, and Technology Concentration</u></a>	Replacing PHIL 210 with a choice between PHIL 210, PHIL 410 and PHIL 411 Sophomore year. Adding 'not taken elsewhere in the program' to 'Select one' list Senior year that also includes PHIL 410 and PHIL 411. Changing minimum grade requirement from C- (1.670) to C (2.000).	Fall 2020
<a href="#"><u>SYEF-CT: Graduate Certificate in Systems Engineering Practice</u></a>	Updating the SYSE courses with new subject codes; updating CIS 600 to CIS 600A.	Fall 2020
<a href="#"><u>SYSE-DE: Doctor of Engineering (D.Eng.) in Systems Engineering</u></a>	Updating the SYSE courses with new subject codes; updating CIS 600 to CIS 600A; updates to electives.	Fall 2020
<a href="#"><u>SYSE-MS: Master of Science in Systems Engineering, Plan A</u></a>	Updating the SYSE courses with new subject codes; updating CIS 600 to CIS 600A; updates to electives.	Fall 2020
<a href="#"><u>SYSE-MS: Master of Science in Systems Engineering, Plan B</u></a>	Updating the SYSE courses with new subject codes; updating CIS 600 to CIS 600A; updates to electives.	Fall 2020
<a href="#"><u>SYSE-PHD: PH.D. in Systems Engineering</u></a>	Updating the SYSE courses with new subject codes; updating CIS 600 to CIS 600A; updates to electives.	Fall 2020

**CONSENT AGENDA**

<b>Experimental Courses – 2nd Offering (for informational purposes only)</b>			
<b>Course #</b>	<b>Course Title</b>	<b>Notes/Changes</b>	<b>Effective Term</b>
<a href="#">CIVE 580B5/</a> <a href="#">GES 580B5</a>	Assessing the Food, Energy, Water Nexus	1 <sup>st</sup> offering: Fall 2019 (CIVE 580B5: 6 students; GES 580B5: 3 students).	Fall 2020
<a href="#">ENGR 580A5</a>	Systems Data Lifecycle and Visualization	1 <sup>st</sup> offering: Fall 2019 (26 students)	Fall 2020
<a href="#">GEOL 380A1</a>	Critical Zone Science	1 <sup>st</sup> offering: Fall 2018 (6 students).	Fall 2020
<a href="#">HDFS 180A1</a>	Mentoring for First-Year Success	1 <sup>st</sup> offering: Fall 2019 (12 students)	Fall 2020
<a href="#">HDFS 381A1</a>	Leadership Through Peer Mentoring	1 <sup>st</sup> offering: Fall 2019 (12 students)	Fall 2020
<a href="#">MECH 481A4</a>	Green Engineering—Materials and Environment	1 <sup>st</sup> offering: Spring 2020 (17 students)	Fall 2020
<a href="#">MECH 580B1</a>	Industrial Gas and Dual-Fuel Engines	1 <sup>st</sup> offering: Fall 2018 (19 students)	Fall 2020
<a href="#">MIP 580B4</a>	Pillars of Immunology	1 <sup>st</sup> offering: Fall 2019 (15 students)	Fall 2020
<a href="#">STAT 581A3</a>	Applied Regression Models	1 <sup>st</sup> offering: Fall 2019 (15 students)	Fall 2020
<a href="#">STAT 581A4</a>	Applied Multivariate Analysis for Researchers	1 <sup>st</sup> offering: Fall 2019 (13 students)	Fall 2020

<b>Minor Changes to Existing Courses</b>			
<b>Course #</b>	<b>Course Title</b>	<b>Notes</b>	<b>Effective Term</b>
<a href="#">ANEQ 334</a>	Principles of Equine Genetics	<b>Edit to prerequisites:</b> (ANEQ 102 with a grade of C or better) and (ANEQ 328 with a grade of C or better or BZ 350 with a grade of C or better or SOCR 330 with a grade of C or better) and (ANEQ 305 with a grade of C or better or BMS 300 with a grade of C or better <u>or BMS 360 with grade of C or better</u> ).	Spring 2021
<a href="#">ANEQ 441</a>	Integrated Equine Science	<b>Edit to prerequisites:</b> Choose any three of the following: ANEQ 334 <u>with a grade of C or better</u> , ANEQ 344 <u>with a grade of C or better</u> , ANEQ 345 <u>with a grade of C or better</u> , or ANEQ 346 <u>with a grade of C or better</u> .	Spring 2021
<a href="#">ECE 455</a>	Introduction to Robot Programming/Simulation	<b>Edit to prerequisites:</b> <u>CS 152</u> <del>CS 157</del> with a minimum grade of C or CS 163 with a minimum grade of C or CS164 with a minimum grade of C	Spring 2021
<a href="#">ECE 456</a>	Computer Networks	<b>Edit to prerequisites:</b> ( <u>CS 152 with a minimum grade of C or CS 163 with a minimum grade of C or CS 164 with a minimum grade of C</u> ) <del>or (CS 155 with a minimum grade of C; CS 156 with a minimum grade of C; CS 157 with a minimum grade of C)</del> ; ECE 251 with a minimum grade of C; ECE 303 with a minimum grade of C or STAT 303 with a minimum grade of C; ECE 311 with a minimum grade of C.	Spring 2021

<b>Minor Changes to Existing Programs</b>		
<b>Program Title</b>	<b>Notes</b>	<b>Effective Term</b>
<a href="#"><u>GEOL-EVGZ-BS: Major in Geology, Environmental Geology Concentration</u></a>	Updates to Directed Technical Electives list.	Fall 2020
<a href="#"><u>GEOL-GEOZ-BS: Major in Geology, Geology Concentration</u></a>	Updates to Technical Elective Department list and minor edit to footnote #3: "Select <b>at least</b> two upper-division regular or experimental GEOL courses (300-381, 402-481, 500-581) for a minimum of five credits. A maximum of two credits may be satisfied by non-regular courses (courses ending in -82 to -99) and GEOL 401, which may only count once."	Fall 2020
<a href="#"><u>GEOL-GPYZ-BS: Major in Geology, Geophysics Concentration</u></a>	Updates to Directed Technical Electives list.	Fall 2020
<a href="#"><u>GEOL-HYDZ-BS: Major in Geology, Hydrogeology Concentration</u></a>	Updates to Directed Technical Electives list.	Fall 2020

Minutes approved by the University Curriculum Committee on 2/28/20.

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