

## UNIVERSITY CURRICULUM COMMITTEE MINUTES

A regular meeting of the University Curriculum Committee was held on **February 9, 2018** at 2:00 p.m.

The meeting adjourned at 4:30 p.m.

### Minutes

The minutes of February 2, 2018 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 approved to the “Curriculum Liaison Specialist - hold for FC approval” queue in the CIM workflow, 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>New Courses</b>			
<b>Course #</b>	<b>Course Title</b>	<b>Notes</b>	<b>Effective Term</b>
<a href="#">ESS 120</a>	Intro to Ecosystem and Watershed Sciences	Permanent partial semester.	Fall 2018
<a href="#">ESS 129</a>	Information Management for Sustainability	Permanent partial semester; offered previously as ESS 180A1.	Fall 2018
<a href="#">ESS 312</a>	Sustainability Science		Fall 2018
<a href="#">ESS 320</a>	Internship and Career Preparation		Fall 2018
<a href="#">ESS 412</a>	Sustainable Cities	Previously offered as ESS 480A1.	Fall 2018
<a href="#">ESS 471</a>	Special Topics in Ecosystem Sustainability	1-6 variable credits.	Fall 2018
<a href="#">INTD 310</a>	Studio III–Interior Architecture and Design		Fall 2018
<a href="#">LB 393</a>	Seminar in Arts, Humanities, Social Sciences		Fall 2018
<a href="#">MECH 579/ BIOM 579</a>	Cardiovascular Biomechanics	Distance/Online and Face-to-Face. Offered previously as MECH 581A8.	Fall 2018
<a href="#">MU 450</a>	Style and Performance Practice in Singing		Fall 2018
<a href="#">MU 550</a>	Social Psychology of Music		Fall 2018
<a href="#">MU 551</a>	Curriculum and Assessment of Music Learning		Fall 2018
<a href="#">NSCI 619B</a>	Physics for Educators: Mechanics	Distance/Online only; previously offered as NSCI 680A5. Subtopics are being added to NSCI 619.	Fall 2018
<a href="#">RS 378</a>	Disturbance Ecology	New required course for the approved <a href="#">Major in Restoration Ecology</a> .	Spring 2019

<b>Major Changes to Courses</b>			
<b>Course #</b>	<b>Course Title</b>	<b>Notes</b>	<b>Effective Term</b>
<a href="#">BUS 601</a>	Quantitative Business Analysis	Addition of Distance/Online offering.	Fall 2018
<a href="#">BUS 616</a>	Financial Reporting and Analysis	Addition of Distance/Online offering; edit to offering term and prerequisite. Update to partial semester course.	Summer 2018
<a href="#">BUS 620</a>	Leadership and Teams	Addition of Distance/Online offering; edit to prerequisites. Update to partial semester course.	Fall 2018

<a href="#">BUS 626</a>	Managing Human Capital	Addition of Distance/Online offering. Update to partial semester course.	Fall 2018
<a href="#">BUS 630</a>	Information Management	Addition of Distance/Online offering; edits to offering term and prerequisites; update to partial semester course.	Fall 2018
<a href="#">BUS 635</a>	Business Economics for the World Market	Addition of Distance/Online offering; edits to prerequisites. Update to partial semester course.	Summer 2018
<a href="#">BUS 640</a>	Financial Principles and Practice	Addition of Distance/Online offering. Update to partial semester course.	Fall 2018
<a href="#">BUS 641</a>	Financial Markets and Investments	Addition of Distance/Online offering; edit to prerequisites. Update to partial semester course.	Fall 2018
<a href="#">BUS 655</a>	Marketing Management	Addition of Distance/Online offering. Update to partial semester course.	Fall 2018
<a href="#">BUS 656</a>	Marketing Strategy and Planning	Addition of Distance/Online offering. Update to partial semester course.	Fall 2018
<a href="#">CS 314</a>	Software Engineering	Addition of Distance/Online offering; edits to course description.  Existing <a href="#">AUCC 4A &amp; 4B</a>  Approved for <a href="#">AUCC 4A</a> for the <a href="#">Major in Computer Science, Computer Science Concentration</a> .	Fall 2018
<a href="#">CS 320</a>	Algorithms—Theory and Practice	Addition of Distance/Online offering  Approved for <a href="#">AUCC Category 4B</a> for the <a href="#">Major in Computer Science, Computer Science Concentration</a> .	Fall 2018
<a href="#">ESS 130</a>	<a href="#">Intro to Systems Theory for Sustainability</a> <del>System Theory and Information Management</del>	Changing to permanent partial semester; edits to course title, description, objectives and content; edit to prerequisites; Schedule Type/Credits revised from 1 credit of lab to 1 credit of lecture (Moving the "Information Management" component of the course into a separate 1 credit offering: ESS 129.	Fall 2018
<a href="#">ESS 400</a>	<a href="#">Global Perspectives on Sustainability</a> <del>Sustainability and Ecosystem Science</del>	Edits to course title, description and prerequisites; Schedule Type/Credits revised from 2 credits of lecture and 1 credit of recitation to 3 credits of lecture only.  Existing <a href="#">AUCC Category 4A</a>  Approved for <a href="#">AUCC Category 4B</a> in the <a href="#">ECSS-BS Major in Ecosystem Science and Sustainability</a>	Fall 2018
<a href="#">ESS 411</a>	Earth Systems Ecology	Edit to prerequisite; Schedule Type/Credits revised from 2 credits of lecture and 1 credit of lab to 3 credits of lecture only.  Existing <a href="#">AUCC Category 4B</a>  Approved for <a href="#">AUCC Category 4A</a> in the <a href="#">ECSS-BS Major in Ecosystem Science and Sustainability</a>	Fall 2018
<a href="#">INTD 266</a>	Visual <del>Communication–Digital Multi-Media Communication–Multi Media</del>	Edits to course title, description, prerequisites; addition of Fall offering term; addition of ‘Sophomore standing. Design scenario advancement’ to registration restrictions.	Fall 2018

<a href="#">INTD 276</a>	<a href="#">Studio II–Interior Architecture and Design</a> <del>Interior Design I</del>	Edits to course title, description, and prerequisites; Schedule Type revised from 3 credits of lab to 2 credits of lab and 1 credit of lecture.	Fall 2018
<a href="#">INTD 359</a>	History of Interior <a href="#">Architecture and Design</a>	Addition of online offering; edits to course title, description, offering term, and prerequisites.	Fall 2018
<a href="#">INTD 376</a>	<a href="#">Studio IV–Interior Architecture and Design</a> <del>Interior Design II</del>	Edits to course title, description and prerequisites; credits increased from 3 to 4; Schedule Type revised from 3 credits of lab to 3 credits of lab and 1 credit of lecture.	Fall 2018
<a href="#">NSCI 619A</a> <del>619</del>	Physics for <a href="#">Educators</a> <del>Science</del> : <a href="#">Optics</a>	Distance/Online only; edits to course title, description, offering year and term. Adding subtopics to NSCI 619 (see NSCI 619B new course above).	Spring 2019
<a href="#">NR 400</a>	Public <a href="#">Communication Relations</a> in Natural Resources	Face-to-Face, <a href="#">Mixed Face-to-Face</a> , and Distance/Online; Department change from 1474 (FWCB) to 1480 (HDNR); Schedule Type revised from 2 credits of lecture and 1 credit of recitation to 1 credit of lecture and 2 credits of recitation; edits to course title, description, prerequisites, assessment components, course content and weekly schedule. Existing <a href="#">AUCC 4A and 4B</a> in the <a href="#">Major in Natural Resources Management</a> .	Fall 2018
<a href="#">STAA 565</a>	Quantitative Reasoning	Addition of Distance/Online offering; change to offering term; edit to prerequisites; addition of “Graduate only” restriction; permanent partial semester.	Fall 2018

**‘New’ Program Proposal (*Title change*)**

Program Title	Notes	Effective Term
<a href="#">Major in Restoration Ecology</a>	Replacing the <a href="#">Major in Rangeland Ecology, Restoration Ecology Concentration</a> .	Fall 2018

**Program Deactivation for the Above Major (*Title change*)**

Program Title	Notes	Last term students may be admitted to program	Last term students can complete the program
<a href="#">Major in Rangeland Ecology, Restoration Ecology Concentration</a>	Replaced by the Major in Restoration Ecology.	Summer 2018	Spring 2023

**Major Changes to Existing Programs**

Program Title	Notes	Effective Term
<a href="#">Major in Computer Science, Computer Science Concentration</a>	Changing AUCC 4A and 4B designations; addition of multiple courses to Technical Electives list.	Fall 2018
<a href="#">Major in Computer Science, Human-Centered Computing Concentration</a>	Replacing STAT 311/312 with STAT 301; addition of PSY 350 as a required course; addition of MATH 369 as an alternative to MATH 229.	Fall 2018
<a href="#">Major in Ecosystem Science and Sustainability</a>	<ul style="list-style-type: none"> <li>• Addition of required courses: <a href="#">ESS 120</a>; <a href="#">ESS 129</a>; <a href="#">ESS 130</a>; <a href="#">ESS 312</a>; <a href="#">ESS 320</a>; <a href="#">NR 400</a>.</li> <li>• Edits to AUCC 4A/4B courses: <a href="#">ESS 400</a>; <a href="#">ESS 411</a></li> <li>• Addition to ESS Electives List: <a href="#">ESS 412</a>, <a href="#">ESS 471</a></li> </ul> See the proposal’s ‘Justification for Request’ field for additional changes.	Fall 2018

**CONSENT AGENDA**

Minor Changes to Courses			
Course #	Course Title	Notes	Effective Term
<a href="#">ESS 486</a>	Ecosystem Practicum	Edit to prerequisites.	Fall 2018
<a href="#">ESS 487</a>	Internship	Addition of prerequisite: <a href="#">ESS 320</a> (new course above).	Fall 2018
<a href="#">PH 641</a>	Electromagnetism I	Edit to prerequisites.	Fall 2018

<b>Course Deactivations:</b> Courses in program <b>'SELECT FROM' LISTS</b> and/or listed as <b>'OR' PREREQUISITE CHOICE</b> <b>All changes will be made effective Fall 2018</b> <i>Curriculum &amp; Catalog will administratively remove these courses from the corresponding program(s) and course(s)</i>		
Course #	Course Title	Programs/Courses In Which Course Is Listed as an Elective:
<a href="#">AA 301</a>	Astrophysics I	<ul style="list-style-type: none"> <li>• PHYS-PHYZ-BS: Major in Physics, Physics Concentration</li> <li>• PHYS-APPZ-BS: Major in Physics, Applied Physics Concentration</li> <li>• PHYQ: Minor in Physics</li> <li>• CBEG-BMEC-BS: Dual Degree Program: Biomedical Engineering, B.S. combined with Chemical and Biological Engineering, B.S. (proposed - UCC Prep)</li> <li>• CPSC-CPSZ-BS: Major in Computer Science, Computer Science Concentration</li> </ul>
<a href="#">AA 302</a>	Astrophysics II	<ul style="list-style-type: none"> <li>• PHYS-APPZ-BS: Major in Physics, Applied Physics Concentration</li> <li>• PHYS-PHYZ-BS: Major in Physics, Physics Concentration</li> <li>• PHYQ: Minor in Physics</li> <li>• CBEG-BMEC-BS: Dual Degree Program: Biomedical Engineering, B.S. combined with Chemical and Biological Engineering, B.S. (proposed - UCC Prep)</li> </ul>
<a href="#">AA 303</a>	Astrophysics III	<ul style="list-style-type: none"> <li>• PHYS-PHYZ-BS: Major in Physics, Physics Concentration</li> <li>• PHYS-APPZ-BS: Major in Physics, Applied Physics Concentration</li> <li>• PHYQ: Minor in Physics</li> <li>• CBEG-BMEC-BS: Dual Degree Program: Biomedical Engineering, B.S. combined with Chemical and Biological Engineering, B.S. (proposed - UCC Prep)</li> </ul>
<a href="#">ACT 600</a>	Accounting for Managers	<ul style="list-style-type: none"> <li>• MGPR-MMP: Master of Management Practice, Plan C (M.M.P.) (proposed for Deactivation - BU UCC Rep)</li> </ul>
<a href="#">AGRI 466</a>	Management of On-Farm Stored Grain	<ul style="list-style-type: none"> <li>• CHEM-ACSZ-BS: Major in Chemistry, ACS Certified Concentration</li> <li>• CHEM-NACZ-BS: Major in Chemistry, Non-ACS Certified Concentration</li> </ul>
<a href="#">AGRI 467</a>	Management and Control of Wood-Destroying Pests	<ul style="list-style-type: none"> <li>• CHEM-ACSZ-BS: Major in Chemistry, ACS Certified Concentration</li> <li>• CHEM-NACZ-BS: Major in Chemistry, Non-ACS Certified Concentration</li> </ul>
<a href="#">AM 500</a>	Apparel Supply Chains/Social Responsibility	<ul style="list-style-type: none"> <li>• CIM-ID-GISP: International Development Interdisciplinary Studies Program</li> </ul>
<a href="#">CIVE 363</a>	Material Properties	<ul style="list-style-type: none"> <li>• CTMG-BS: Major in Construction Management</li> <li>• PHYS-APPZ-BS: Major in Physics, Applied Physics Concentration</li> </ul>

<a href="#">CS 160</a>	Foundations in Programming	<ul style="list-style-type: none"> <li>• CIVE-BS: Major in Civil Engineering</li> <li>• <b>Prereq for:</b> ECE 456, ECE 515, MATH 435, MATH 450, MATH 451, MATH 561, MATH 651, STAT 321, STAT 400</li> </ul>
<a href="#">CS 161</a>	Object-Oriented Problem Solving	<ul style="list-style-type: none"> <li>• CBEG-BMEC-BS: Dual Degree Program: Biomedical Engineering, B.S. combined with Chemical and Biological Engineering, B.S. (proposed - UCC Prep)</li> <li>• IISQ: Interdisciplinary Minor in Information Science and Technology</li> </ul>
<a href="#">ECE 621/ENGR 621</a>	Energy Storage for Electrical Power Systems	<ul style="list-style-type: none"> <li>• SYSE-PHD: Ph.D. in Systems Engineering</li> </ul>
<a href="#">EDOD 767</a>	Cross-Culture and International Training	<ul style="list-style-type: none"> <li>• CIM-ID-GISP: International Development Interdisciplinary Studies Program</li> </ul>
<a href="#">HES 405</a>	Exercise Testing Instrumentation	<ul style="list-style-type: none"> <li>• CBEG-BMEC-BS: Dual Degree Program: Biomedical Engineering, B.S. combined with Chemical and Biological Engineering, B.S. (proposed - UCC Prep)</li> <li>• ELEG-BMEE-BS: Dual Degree Program: Biomedical Engineering, B.S. combined with Electrical Engineering, B.S., Electrical Engineering (proposed - UCC Prep)</li> <li>• MECH-BMEM-BS: Dual Degree Program: Biomedical Engineering, B.S. combined with Mechanical Engineering, B.S. (proposed - UCC Prep)</li> </ul>
<a href="#">QNT 570</a>	Statistical Decision Making	<ul style="list-style-type: none"> <li>• Prereq for: STAT 515</li> </ul>
<a href="#">IE 271</a>	India	<ul style="list-style-type: none"> <li>• INST-BA: Major in International Studies</li> <li>• INST-ASTZ-BA: Major in International Studies, Asian Studies Concentration</li> <li>• EGIS-BS: Dual Degree in Engineering Science, B.S. and International Studies, B.A.</li> </ul>
<a href="#">IE 370</a> <b>AUCC 3E course</b>	Model United Nations	<ul style="list-style-type: none"> <li>• INST-BA: Major in International Studies</li> <li>• INST-ASTZ-BA: Major in International Studies, Asian Studies Concentration</li> <li>• INST-EUSZ-BA: Major in International Studies, European Studies Concentration</li> <li>• INST-LTSZ-BA: Major in International Studies, Latin American Studies Concentration</li> <li>• INST-MEAZ-BA: Major in International Studies, Middle East and North African Studies Concentration</li> <li>• ISPQ: Interdisciplinary Minor in Role of Sustainability in Peace and Reconciliation</li> <li>• EGIS-BS: Dual Degree in Engineering Science, B.S. and International Studies, B.A.</li> <li>• <b>Prereq for:</b> RRM 400</li> <li>•</li> </ul>
<a href="#">SOWK 350</a>	Legal Issues in Human Services	<ul style="list-style-type: none"> <li>• ECON-BA: Major in Economics</li> </ul>
<a href="#">SOGR 342</a>	Organic Soil Fertility	<ul style="list-style-type: none"> <li>• SOCR-SOEZ-BS: Major in Soil and Crop Sciences, Soil Ecology Concentration</li> <li>• IOAQ: Minor in Interdisciplinary Agriculture (proposal in UCC Prep)</li> </ul>

<a href="#">STAT 372</a>	Data Analysis Tools	<ul style="list-style-type: none"><li>• SOCR-APIZ-BS: Major in Soil and Crop Sciences, Applied Information Technology Concentration</li><li>• GEOL-GEOZ-BS: Major in Geology, Geology Concentration</li><li>• CBEG-BMEC-BS: Dual Degree Program: Biomedical Engineering, B.S. combined with Chemical and Biological Engineering, B.S. (proposed - UCC Prep)</li><li>• CPSC-CPSZ-BS: Major in Computer Science, Computer Science Concentration</li><li>• HDF5-PISZ-BS: Major in Human Development and Family Studies, Prevention and Intervention Sciences Concentration</li><li>• <b>Prereq for:</b> STAT 472</li></ul>
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Minutes approved by the University Curriculum Committee on 2/16/18.

Carole Makela, Chair  
Shelly Ellerby and Susan Horan, Curriculum & Catalog