

## UNIVERSITY CURRICULUM COMMITTEE MINUTES

A ‘virtual’ meeting of the University Curriculum Committee was held on **March 24, 2023** at 10:00 a.m. via Microsoft Teams. The meeting adjourned at 11:13 a.m.

### Minutes

The minutes of March 10, 2023 were electronically 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).

Major Changes to Existing Courses			
Course #	Course Title	Notes	Effective Term
<a href="#">BZ 329A</a> <del>BZ 329</del>	Herpetology: <a href="#">Lecture</a>	<ul style="list-style-type: none"> <li>• <b>Course number change (addition of subtopic)</b></li> <li>• <b>Credit decrease (from 4 to 3)</b></li> <li>• Change from Lecture/Lab to Lecture only</li> <li>• Edit to course title (addition of subtopic)</li> <li>• Edit to Add'l Reg Info: <a href="#">Credit not allowed for both BZ 329 and BZ 329A. Sophomore standing.</a></li> </ul> <p><i>C&amp;C Unit will administratively update the course number and credits in the following programs:</i></p> <ul style="list-style-type: none"> <li>• BLSC-BLSZ-BS: Major in Biological Science, Biological Science Concentration (elective list will be changed to ‘BZ 329A <u>and</u> BZ 329B’)</li> <li>• FWCB-CNVZ-BS: Major in Fish, Wildlife, and Conservation Biology, Conservation Biology Concentration (Junior year ‘Select from’ list)</li> <li>• FWCB-FASZ-BS: Major in Fish, Wildlife, and Conservation Biology, Fisheries and Aquatic Sciences Concentration (Junior year ‘Select from’ list)</li> <li>• FWCB-WDBZ-BS: Major in Fish, Wildlife, and Conservation Biology, Wildlife Biology Concentration (Junior year ‘Select from’ list)</li> <li>• NSCI-ZZ-MPSM: Professional Science Master’s in Natural Sciences – Zoo, Aquarium, and Animal Shelter Management Specialization (Comparative Physiology/Taxonomy list)</li> <li>• ZOOL-BS: Major in Zoology (Upper-division electives list will be changed to ‘BZ 329A <u>and</u> BZ 329B’)</li> <li>• ZOOQ: Minor in Zoology (Upper-division electives list will be changed to ‘BZ 329A <u>and</u> BZ 329B’)</li> </ul>	Fall 2023
<a href="#">BZ 330A</a> <del>BZ 330</del>	Mammalogy: <a href="#">Lecture</a>	<ul style="list-style-type: none"> <li>• <b>Course number change (addition of subtopic)</b></li> <li>• Change from Lecture/Lab to Lecture only</li> <li>• Edits to course title and description.</li> <li>• Addition of ‘credit not allowed’ statement with BZ 330.</li> <li>• Addition of Required field trips.</li> </ul>	Fall 2023

		<p><i>C&amp;C Unit will administratively update the course number in the following programs:</i></p> <ul style="list-style-type: none"> <li>• BLSC-BLSZ-BS: Major in Biological Science, Biological Science Concentration (<i>elective list will be changed to 'BZ 330A and BZ 330B'</i>)</li> <li>• FWCB-CNVZ-BS: Major in Fish, Wildlife, and Conservation Biology, Conservation Biology Concentration (<i>Junior year 'Select from' list</i>)</li> <li>• FWCB-FASZ-BS: Major in Fish, Wildlife, and Conservation Biology, Fisheries and Aquatic Sciences Concentration (<i>Junior year 'Select from' list</i>)</li> <li>• FWCB-WDBZ-BS: Major in Fish, Wildlife, and Conservation Biology, Wildlife Biology Concentration (<i>Junior year: currently listed as 'BZ 330 or BZ 335'</i>)</li> <li>• NSCI-ZZ-MPSM: Professional Science Master's in Natural Sciences – Zoo, Aquarium, and Animal Shelter Management Specialization (<i>Comparative Physiology/Taxonomy list</i>)</li> <li>• ZOOL-BS: Major in Zoology (<i>Upper-division electives list will be changed to 'BZ 330A and BZ 330B'</i>)</li> <li>• ZOOQ: Minor in Zoology (<i>Upper-division electives list will be changed to 'BZ 330A and BZ 330B'</i>)</li> </ul>	
<a href="#">BZ 360</a>	Bioinformatics and Genomics	<ul style="list-style-type: none"> <li>• <b>Credit increase (3 to 4 – addition of 1 cr. recitation)</b></li> <li>• Change of schedule type/credit distribution (<i>from lecture only to lecture/recitation</i>)</li> <li>• Edit to course description.</li> <li>• Edit to offering term: <del>Fall</del> <b>Spring</b></li> </ul> <p>BZ 360 is <b>required</b> in the following programs:</p> <ul style="list-style-type: none"> <li>• BCHM-DTSZ-BS: Major in Biochemistry, Data Science Concentration (<i>required in Junior year –increase to credits will reduce the number of free electives in Senior year</i>)</li> <li>• BIFQ: Minor in Bioinformatics (<i>increase to credits will increase the Program Total credits</i>)</li> <li>• SOCR-PBTZ-BS: Major in Soil and Crop Sciences, Plant Biotechnology Concentration (<i>required in Senior year – increase to credits will reduce the # of free upper-division electives in the program</i>)</li> </ul> <p><i>C&amp;C Unit will administratively update the credits in elective lists in the following programs:</i></p> <ul style="list-style-type: none"> <li>• BLSC-BLSZ-BS: Major in Biological Science, Biological Science Concentration</li> <li>• BLSC-BTNZ-BS: Major in Biological Science, Botany Concentration</li> <li>• ZOOL-BS: Major in Zoology</li> <li>• ZOOQ: Minor in Zoology</li> <li>• STAQ: Minor in Statistics</li> <li>• CBEG-BMEC-BS: Dual Degree Program: Biomedical Engineering, B.S. combined with Chemical and Biological Engineering, B.S.</li> <li>• ELEG-BMEE-BS: Dual Degree Program: Biomedical Engineering, B.S. combined with Electrical Engineering, B.S., Electrical Engineering Concentration</li> <li>• ELEG-BMEL-BS: Dual Degree Program: Biomedical Engineering, B.S. combined With Electrical Engineering, B.S., Lasers and Optical Engineering Concentration</li> </ul>	Fall 2023

		<ul style="list-style-type: none"> <li>• MECH-BMEM-BS: Dual Degree Program: Biomedical Engineering, B.S. combined with Mechanical Engineering, B.S.</li> <li>• CPSC-CPSZ-BS: Major in Computer Science, Computer Science Concentration</li> <li>• CBEG-BS: Major in Chemical And Biological Engineering</li> <li>• BCHM-ASBZ-BS: Major in Biochemistry, ASBMB Concentration</li> <li>• BIOM-MIDZ-BS: Major in Biomedical Sciences, Microbiology and Infectious Disease Concentration</li> <li>• CPSC-NSCZ-BS: Major in Computer Science, Networks and Security Concentration</li> <li>• CPSC-CSYZ-BS: Major in Computer Science, Computing Systems Concentration</li> </ul>	
<a href="#">F 321</a>	Forest <u>and Natural Resource</u> Biometry	<ul style="list-style-type: none"> <li>• Edits to course title and description.</li> <li>• Edits to prerequisites: (NR 220 <del>and F 230</del>) and (<u>MATH117 or MATH 118 or MATH 120 or MATH 124 or MATH 125 or MATH 126 or MATH 127 or MATH 141 or MATH 155 or MATH 159 or MATH 160 - at least 3 credits</u>) and (STAT 201 or STAT 301).</li> <li>• Updates to CLO's, assessment components, and weekly schedule.</li> </ul>	Fall 2023
<a href="#">FW 556</a>	<u>Wildlife Conservation Ethics</u> <del>Leopold's Ethic for Wildlife and Land</del>	<ul style="list-style-type: none"> <li>• Edits to course title and description.</li> <li>• Edit to offering term: <u>Fall</u> <del>Every</del></li> <li>• Addition of Universal Restriction: <u>Graduate ONLY.</u></li> <li>• Addition of Reg Info: <u>Offered as an online course only.</u></li> <li>• Edits to add'l reg. info: <u>Graduate standing. Bachelor's degree, or any level ecology or wildlife management course, or written consent of instructor. Offered online only.</u></li> <li>• Updates to CLO's, assessment components, and weekly schedule.</li> </ul>	Fall 2023
<a href="#">MIP 303</a>	General Microbiology -- Honors Recitation	<ul style="list-style-type: none"> <li>• <b>Credit decrease (from 2 to 1)</b></li> <li>• Edits to CLO's, assessment components, and weekly schedule.</li> <li><i>Updated on BIOM-MIDZ-BS Concentration Electives list (on Consent Agenda below).</i></li> </ul>	Fall 2023
<a href="#">MU 425</a>	Jazz Pedagogy	<ul style="list-style-type: none"> <li>• Edits to course description.</li> <li>• Edit to offering term: Fall; <del>Spring</del></li> <li>• Edit to prerequisites: <u>MU 118</u> <del>None</del></li> <li>• Edits to CLO's, assessment components, and weekly schedule.</li> </ul>	Fall 2023
<a href="#">MU 556</a>	Advanced Instrumental Conducting <u>and Techniques</u>	<ul style="list-style-type: none"> <li>• Edits to course title and abbreviated title.</li> <li>• Edit to offering term: <u>Fall</u> <del>Spring</del></li> <li>• Edit to prerequisites: <u>MU 500-799 or concurrent registration -- at least 3 credits. MU 356</u></li> <li>• Addition of universal restriction: <u>Graduate ONLY</u></li> <li>• Updates to CLO's, assessment components, and weekly schedule.</li> </ul>	Fall 2023
<a href="#">NR 493</a>	<u>Seminar--GIS</u> <del>Seminar on GIS</del> and Remote Sensing Applications	<ul style="list-style-type: none"> <li>• <b>Change of Dept./Unit (from 1472-Forest &amp; Rangeland Stewardship to 1476-Ecosystem Science &amp; Sustainability)</b></li> <li>• Edits to course title and description.</li> <li>• Edit to prerequisites: NR <u>319</u> <del>322</del> or NR 323</li> <li>• Updates to CLO's, assessment components, and weekly schedule.</li> </ul>	Fall 2023

New Courses			
Course #	Course Title	Notes	Effective Term
<a href="#">BZ 329B</a>	Herpetology: Laboratory	1 cr.	Fall 2023
<a href="#">BZ 330B</a>	Mammalogy: Laboratory	1 cr.	Fall 2023

Major Changes to Existing Programs		
Program Title	Notes	Effective Term
<a href="#">NSCI-ZZ-MPSM: Professional Science Master's in Natural Sciences – Zoo, Aquarium, and Animal Shelter Management Specialization</a>	<ul style="list-style-type: none"> <li>• <b>Addition of Online/DCE offering.</b></li> <li>• Updates to required courses and electives.</li> </ul> <p><i>New courses NSCI 641, NSCI 651, and NSCI 688A-E.</i></p>	Fall 2023
<a href="#">BLSC-BLSZ-BS: Major in Biological Science, Biological Science Concentration</a>	<ul style="list-style-type: none"> <li>• See CIM for all program changes (<i>includes revised Program Description</i>).</li> </ul>	Fall 2023
<a href="#">BLSC-BTNZ-BS: Major in Biological Science, Botany Concentration</a>	<ul style="list-style-type: none"> <li>• See CIM for all program changes (<i>includes revised Program Description</i>).</li> </ul>	Fall 2023
<a href="#">HAES-HPRZ-BS: Major in Health and Exercise Science, Health Promotion Concentration</a>	<ul style="list-style-type: none"> <li>• See CIM for all program changes.</li> </ul> <p><i>Credit changes to HES 207 and HES 403; new course HES 404.</i></p>	Fall 2023
<a href="#">HAES-SPMZ-BS: Major in Health and Exercise Science, Sports Medicine Concentration</a>	<ul style="list-style-type: none"> <li>• See CIM for all program changes.</li> </ul> <p><i>Credit changes to HES 207, HES 307, and HES 403; new course HES 404.</i></p>	Fall 2023
<a href="#">NRMG-BS: Major in Natural Resources Management</a>	<ul style="list-style-type: none"> <li>• Senior year: replacing NR 421 with F 321 as a required course.</li> </ul>	Fall 2023
<a href="#">ZOOL-BS: Major in Zoology</a>	<ul style="list-style-type: none"> <li>• See CIM for all program changes.</li> </ul>	Fall 2023
<a href="#">HESQ: Minor in Health and Exercise Science</a>	<ul style="list-style-type: none"> <li>• <b>Credit increase to required course HES 207.</b></li> <li>• Increase in Program Total Credits from 21 to 22.</li> <li>• Updates to elective list.</li> </ul>	Fall 2023
<a href="#">IFIQ: Interdisciplinary Minor in Food Industry Management</a>	<ul style="list-style-type: none"> <li>• Addition of required course AREC 222.</li> <li>• Updates to 'Select from' lists.</li> </ul>	Fall 2023
<a href="#">ZOOQ: Minor in Zoology</a>	<ul style="list-style-type: none"> <li>• Removal of BZ 110/111 as an introductory biology option.</li> <li>• Updates to Upper-Division Course List</li> </ul>	Fall 2023
<a href="#">PSWF-CT: Graduate Certificate in PreK-12 School Social Worker</a>	<ul style="list-style-type: none"> <li>• <b>Removal of Main Campus Face-to-face offering; program is now Online/DCE only.</b></li> <li>• Addition of SOWK 562 to 'Select from' list.</li> </ul>	Spring 2024

**CONSENT AGENDA**

Experimental Courses – 1st Offering			
Course #	Course Title	Notes/Changes	Effective Term
<a href="#">IU 181A5</a>	Oura Lab Introduction to Research	Partial semester; Undergraduate only; Summer bridge program students only	Summer 2023
<a href="#">LJPN 480A1</a>	Advanced Japanese Communication Skills		Fall 2023
<a href="#">PHIL 281A1</a>	Models and Values in Philosophy of Science		Fall 2023

Minor Changes to Existing Courses			
Course #	Course Title	Notes	Effective Term
<a href="#">AM 375</a>	Product Development II	<ul style="list-style-type: none"> <li>Edit to prerequisites: AM 143; AM 270 with a minimum grade of C; AM 275 <u>with a minimum grade of C</u>; DM 272 with a minimum grade of C.</li> </ul>	Spring 2024
<a href="#">CHEM 111</a>	General Chemistry I	<ul style="list-style-type: none"> <li>Edits to prerequisites: (MATH 118 or <u>MATH 120</u> or MATH 127 or MATH 141 or MATH 155 or MATH 160 or MATH 161 or MATH 229 or MATH 261). <del>and (an appropriate score in the CHEM preparation course CHEM 105).</del></li> <li>Edit to prerequisite details: <u>We are no longer requiring chem prep as a prerequisite.</u></li> </ul>	Summer 2023

Course Deactivations			
Course #	Course Title	Notes/Changes	Effective Term
<a href="#">BZ 346</a>	Population and Evolutionary Genetics	<p><i>C&amp;C Unit will administratively remove from the following programs:</i></p> <ul style="list-style-type: none"> <li>FWCB-CNVZ-BS: Major in Fish, Wildlife, and Conservation Biology, Conservation Biology Concentration (<i>Sophomore year 'select from' list</i>)</li> <li>FWCB-FASZ-BS: Major in Fish, Wildlife, and Conservation Biology, Fisheries and Aquatic Sciences Concentration (<i>Sophomore year 'select from' list</i>)</li> <li>FWCB-WDBZ-BS: Major in Fish, Wildlife, and Conservation Biology, Wildlife Biology Concentration (<i>Junior and Senior years 'Select from' lists</i>)</li> <li>IMBQ: Interdisciplinary Minor in Molecular Biology (<i>elective list</i>)</li> <li>FRRS-FRBZ-BS: Major in Forest and Rangeland Stewardship, Forest Biology Concentration (<i>Senior year 'select from' list</i>)</li> <li>BCHM-ASBZ-BS: Major in Biochemistry, ASBMB Concentration (<i>elective list</i>)</li> </ul>	Summer 2023
<a href="#">BZ 561</a>	Landscape Ecology	Not listed in any courses or programs except as an <u>optional</u> prerequisite for ESS 565: Niche Models.	Summer 2023
<a href="#">BZ 577/</a> <a href="#">MIP 577</a>	Computer Analysis in Population Genetics	Not listed in any courses or programs.	Summer 2023

<a href="#">BZ 578/ MIP 578</a>	Genetics of Natural Populations	<i>C&amp;C Unit will administratively remove from the elective list in: CBEG-BS: Major in Chemical and Biological Engineering</i>	<b>Summer 2023</b>
<a href="#">NR 504</a>	Computer Analysis of Remote Sensing Data	<i>C&amp;C Unit will remove this course from elective lists in the following programs:</i> <ul style="list-style-type: none"> <li>• ECSU-MS: Master of Science in Ecosystem Sustainability, Plan A</li> <li>• ECSU-PhD: Ph.D. in Ecosystem Sustainability</li> </ul>	<b>Summer 2023</b>

**Minor Changes to Existing Program**

<b>Program Title</b>	<b>Notes</b>	<b>Effective Term</b>
<a href="#">BIOM-MIDZ-BS: Major in Biomedical Sciences, Microbiology and Infectious Disease Concentration</a>	Updates to Concentration Elective List.	Fall 2023

Minutes electronically approved by the University Curriculum Committee on 3/27/23.

Brad Goetz, Chair  
 Shelly Ellerby and Erin Niswender, Curriculum & Catalog