

MINUTES
UNDERGRADUATE CURRICULUM COMMITTEE
APRIL 27, 2018
230 STUDENT SERVICES BUILDING, 2:00 – 3:40 PM

Present: Mary Kasarda (Chair); Jay Burkette (CLAHS); Kristen Bush (Enrollment Services); Paul Deck (COS); Bill Galloway (CAUS); Bruce Hull (CNRE); Monica Ponder (CALC); Kerry Redican (VMCVM); Rachel Saville (Staff Senate); Joe Sirgy (PCOB)

Absent with notification: Aaron Goldstein (COE); Art Keown (UCCGE); Sydney Thorpe (SGA)

Visitors: Nicole Akers; Gary Costello; Megan Coulter; Jaime De La Ree (ECE); Earl Kline (SBIO); Sean McGinnis (MSE); Kristin Phillips (NEUR); Renee Ryan (BC); Nadine Sinno (ARBC); Susan Sumner (CALC); Richard Walker (BIOL)

The meeting was called to order at **2:00 PM** by Mary Kasarda, Chair.

A motion to adopt the agenda was made, seconded, and approved.

Announcement of approval of minutes: April 13, 2018 – Minutes voted on electronically.

NEW BUSINESS

College of Science

New Major Concentration/Option

Option: Establishment of New Major Concentration/Option: Business (ECNB) under Degree: Bachelor of Arts (BA), Major: Economics (ECAS), effective for students graduating in calendar year 2020, first term to declare major: Fall 2018, first term and year to graduate: Winter 2020 (CM-3911)

Motion was made and seconded to **APPROVE** the Establishment of New Major Concentration/Option: Business (ECNB) under Degree: Bachelor of Arts (BA), Major: Economics (ECAS), effective for students graduating in calendar year 2020, first term to declare major: Fall 2018, first term and year to graduate: Winter 2020 (CM-3911).

Motion passed unanimously.

Checksheet: Degree: Bachelor of Arts (BA), Major: Economics (ECAS), Option: Business (ECNB), (New), effective for students graduating in calendar year 2020 (CM-3911)

Motion was made and seconded to **APPROVE** Degree: Bachelor of Arts (BA), Major: Economics (ECAS), Option: Business (ECNB), (New), effective for students graduating in calendar year 2020 (CM-3911), **with modifications:**

- Change the Major Requirements header from “Major Requirements (66-71 hours)” to “Major Requirements (71 hours)”.

- Change the Free Electives header from “Free Electives (23-28 hours)” to “Free Electives (23 hours)”.
- Consider adding a one line space between the prerequisite information for BIT 2405 and BIT 2406 in Section IV. Statistic Requirement.
- Registrar Note: Please include the second October 12, 2017 support letter in the final proposal packet.

Motion passed unanimously.

Revised Major

Checksheet: Degree: Bachelor of Science in Neuroscience (BSNEU), Major: Cognitive and Behavioral Neuroscience (CBNU), (Revised), effective for students graduating in calendar year 2020 (CM-4337)

Motion was made and seconded to **APPROVE** the Revision of Degree: Bachelor of Science in Neuroscience (BSNEU), Major: Cognitive and Behavioral Neuroscience (CBNU), (Revised), effective for students graduating in calendar year 2020 (CM-4337), **with no modifications.**

Motion passed unanimously.

Revised Major

Checksheet: Degree: Bachelor of Science in Neuroscience (BSNEU), Major: Clinical Neuroscience (CNEU), (Revised), effective for students graduating in calendar year 2020 (CM-4339)

Motion was made and seconded to **APPROVE** the Revision of Degree: Bachelor of Science in Neuroscience (BSNEU), Major: Clinical Neuroscience (CNEU), (Revised), effective for students graduating in calendar year 2020 (CM-4339), **with no modifications.**

Motion passed unanimously.

Revised Major

Checksheet: Degree: Bachelor of Science in Neuroscience (BSNEU), Major: Computational and Systems Neuroscience (CSNU), (Revised), effective for students graduating in calendar year 2020 (CM-4340)

Motion was made and seconded to **APPROVE** the Revision of Degree: Bachelor of Science in Neuroscience (BSNEU), Major: Computational and Systems Neuroscience (CSNU), (Revised), effective for students graduating in calendar year 2020 (CM-4340), **with no modifications.**

Motion passed unanimously.

Revised Major

Checksheet: Degree: Bachelor of Science in Neuroscience (BSNEU), Major: Experimental Neuroscience (EXPN), (Revised), effective for students graduating in calendar year 2020 (CM-4342)

Motion was made and seconded to **APPROVE** the Revision of Degree: Bachelor of Science in Neuroscience (BSNEU), Major: Experimental Neuroscience (EXPN), (Revised), effective for students graduating in calendar year 2020 (CM-4342), **with no modifications.**

Motion passed unanimously.

New Major Concentration/Option

Option: Establishment of New Major Concentration/Option: Biology Education (BSED) under Degree: Bachelor of Science (BS), Major: Biological Sciences (BIOL), effective for students graduating in calendar year 2020, first term to declare major: Fall 2018, first term and year to graduate: Winter 2020 (CM-4412)

Motion was made and seconded to **APPROVE** the Establishment of New Major Concentration/Option: Biology Education (BSED) under Degree: Bachelor of Science (BS), Major: Biological Sciences (BIOL), effective for students graduating in calendar year 2020, first term to declare major: Fall 2018, first term and year to graduate: Winter 2020 (CM-4412).

Motion passed unanimously.

Checksheet: Degree: Bachelor of Science (BS), Major: Biological Sciences (BIOL), Option: Biology Education (BSED), (New), effective for students graduating in calendar year 2020 (CM-4412)

Motion was made and seconded to **APPROVE** Degree: Bachelor of Science (BS), Major: Biological Sciences (BIOL), Option: Biology Education (BSED), (New), effective for students graduating in calendar year 2020 (CM-4412), **with modification:**

- Please use Option Name “Biology Education” in place of “Science Education” throughout proposal (designator: BSED).

Motion passed unanimously.

New Major Concentration/Option

Option: Establishment of New Major Concentration/Option: Ecology, Evolution, and Behavior (EEB) under Degree: Bachelor of Science (BS), Major: Biological Sciences (BIOL), effective for students graduating in calendar year 2020, first term to declare major: Fall 2018, first term and year to graduate: Winter 2020 (CM-4413)

Motion was made and seconded to **APPROVE** the Establishment of New Major Concentration/Option: Ecology, Evolution, and Behavior (EEB) under Degree: Bachelor of Science (BS), Major: Biological Sciences (BIOL), effective for students graduating in calendar year 2020, first term to declare major: Fall 2018, first term and year to graduate: Winter 2020 (CM-4413)

Motion passed unanimously.

Checksheet: Degree: Bachelor of Science (BS), Major: Biological Sciences (BIOL), Option: Ecology, Evolution, and Behavior (EEB), (New), effective for students graduating in calendar year 2020 (CM-4413)

Motion was made and seconded to **APPROVE** Degree: Bachelor of Science (BS), Major: Biological Sciences (BIOL), Option: Ecology, Evolution, and Behavior (EEB), (New), effective for students graduating in calendar year 2020 (CM-4413), **with modification:**

- Please delete the “6” in the Satisfactory Progress Toward Degree section on Page 3 of the Checksheet.

Motion passed unanimously.

College of Natural Resources and Environment

Course: SBIO 1004 Explorations in Sustainable Biomaterials (New) Fall 2018 (CM-4013)

Motion was made and seconded to **APPROVE** SBIO 1004 Explorations in Sustainable Biomaterials (New) Fall 2018 (CM-4013), **with modifications:**

- Recommendations sent directly to Proposer for consideration to edit, as applicable, the items listed below.
- Catalog Description: Consider streamlining wording, using phrases, including “such as ___” referencing specific examples from the Topic Syllabus, and changing “biomaterials issues” to “biomaterials issues and environmental impact”.
- Learning Objectives: Consider replacing the word “Practice” with “Demonstrate” or other measurable action verb.
- Topic Syllabus: Add oral, written, and visual communication to improve alignment and update “Study tracks and career opportunities in SBIO” to

50% of Course Proportion, and add “For example, Sustainability, Science, Engineering, Packaging, Business”.

Motion passed unanimously.

College of Engineering

Course: AOE 4244 Naval and Marine Engineering Systems Design (Revised) Spring 2019 (CM-4262)

Motion was made and seconded to **APPROVE** AOE 4244 Naval and Marine Engineering Systems Design (Revised) Spring 2019 (CM-4262), **with modification:**

- To improve alignment between Catalog Description, Learning Objectives, and Syllabus, please add a few words in the catalog description (“such as _____”) to serve as descriptive examples (such as diesel and gas turbine engines).

Motion passed unanimously.

Course: ME 2134 Thermodynamics (New) Fall 2018 (CM-4428)

Motion was made and seconded to **APPROVE** ME 2134 Thermodynamics (New) Fall 2018 (CM-4428), **with modifications:**

- Coversheet: Please list the Course Transcript Title (ADP) in mixed case format.
- To improve alignment, change the word “Includes” to “Emphasizes analysis and modeling of...” in the Catalog Description.

Motion passed unanimously.

Course: ME 2004 (MATH 2004) Engineering Analysis Using Numerical Methods (Revised) Fall 2018 (CM-4429)

Motion was made and seconded to **APPROVE** ME 2004 (MATH 2004) Engineering Analysis Using Numerical Methods (Revised) Fall 2018 (CM-4429), **with modifications:**

- Learning Objectives:
 - Replace the words “Use” and “Write” with measurable action verbs such as “diagram, calculate, plan, or arrange”.
 - Consider providing specific examples of structured programs in the 3rd learning objective.
 - Add the word “to” in the 4th learning objective to read as follows: “Use numerical methods to solve engineering problems...” unless Proposer decides to follow the next recommendation listed below.

- Please consider swapping the language in the 4th, 5th, and 6th learning objectives. For example, the 4th learning objective could read as follows: “Solve engineering problems involving root finding, linear algebra, and differential equations using numerical methods.”
- Prerequisite and Corequisites Section: Please format similar to listing in the Catalog Description to reflect the meaning “and” for the courses with commas.
- Prerequisite clarification: If the intention is to include MATH 2214 Introduction to Differential Equations, please update the Catalog Description, Justification, and Prerequisites and Corequisites sections accordingly.

Motion passed unanimously.

Course: ECE 1004 Introduction to ECE Concepts (New) Spring 2019 (CM-4543)

Motion was made and seconded to **APPROVE** ECE 1004 Introduction to ECE Concepts (New) Spring 2019 (CM-4543), **with modification:**

- Texts and Special Teaching Aids: Please list text titles in italics or all capital letters consistent with MLA or APA standardized format, as applicable.

Motion passed unanimously.

Revised Minor

Checksheet: Minor: Interdisciplinary Engineering and Science (IES) (Revised), effective for students graduating in calendar year 2020 (CM-4017)

Motion was made and seconded to **APPROVE** the Revision of Minor: Interdisciplinary Engineering and Science (IES) (Revised), effective for students graduating in calendar year 2020 (CM-4017), **with modifications:**

- Please consider checking the underlines between sections of courses and updating, as applicable, to make consistent throughout Checksheet (remove double lines, edit bold lines, etc.).
- BIOL 2124: Please line “(2)_____” with the other courses.
- Section 2. B.: Please move NANO 1015-1016 on the left side of the page to the section of NANO courses on the right.
- Section 3. A.:MSE 2034: Consider removing the box around this course.
- Section 3. B.:
 - Please consider using the same font in this section as the rest of the Checksheet.
 - Please change the title for ENSC 3604 to: “Fundamentals of Environmental Science”.

Motion passed unanimously.

Revised Minor

Checksheet: Minor: Green Engineering (GREN) (Revised), effective for students graduating in calendar year 2020 (CM-4051)

Motion was made and seconded to **APPROVE** the Revision of Minor: Green Engineering (GREN) (Revised), effective for students graduating in calendar year 2020 (CM-4051), **with modifications:**

- CSES/ENSC 4764: Add an asterisk to indicate prerequisites.
- SBIO 3554: Add an asterisk to indicate prerequisites.
- FREC/LAR/NR 2554: Please update title to “Leadership for Global Sustainability”.

Motion passed unanimously.

Revised Major

Checksheet: Degree: Bachelor of Science in Aerospace and Ocean Engineering (BSAOE), Major: Aerospace Engineering (AE), (Revised), effective for students graduating in calendar year 2020 (CM-4119)

Motion was made and seconded to **APPROVE** the Revision of Degree: Bachelor of Science in Aerospace and Ocean Engineering (BSAOE), Major: Aerospace Engineering (AE), (Revised), effective for students graduating in calendar year 2020 (CM-4119), **with no modifications.**

Motion passed unanimously.

Revised Major

Checksheet: Degree: Bachelor of Science in Aerospace and Ocean Engineering (BSAOE), Major: Ocean Engineering (OE), (Revised), effective for students graduating in calendar year 2020 (CM-4119)

Motion was made and seconded to **APPROVE** the Revision of Degree: Bachelor of Science in Aerospace and Ocean Engineering (BSAOE), Major: Ocean Engineering (OE), (Revised), effective for students graduating in calendar year 2020 (CM-4119), **with no modifications.**

Motion passed unanimously.

College of Agriculture and Life Sciences

Course: FST 3114 (HORT 3114) Wines and Vines (Revised) Fall 2018 (CM-4547)

Motion was made and seconded to **APPROVE** FST 3114 (HORT 3114) Wines and Vines (Revised) Fall 2018 (CM-4547), **with modifications:**

- Please consider revisions to the Catalog Description as discussed and previously resolved with the Proposer and Reviewers (including “style, economic value, and significance”).
- Please consider revisions to the Learning Objectives as discussed and previously resolved with the Proposer and Reviewers (including “significance in economic value and cultures” in the 1st Learning Objective).
- Please consider clarifying if the courses focuses on the economics of wine or the business aspects of wine making and update proposal accordingly, as/if applicable. For example, in the 6th Syllabus Topic, adding “economics of wine”.

Motion passed unanimously.

Revised Minor

Checksheet: Minor: Dairy Science (DASC) (Revised), effective for students graduating in calendar year 2020 (CM-4120)

Motion was made and seconded to **APPROVE** the Revision of Minor: Dairy Science (DASC) (Revised), effective for students graduating in calendar year 2020 (CM-4120), **with no modifications.**

Motion passed unanimously.

Revised/Renamed Major Concentration/Option

Checksheet: Degree: Bachelor of Science (BS), Major: Dairy Science (DASC), Option: Science/Prevet (SPV) (Revised), effective for students graduating in calendar year 2020 (CM-4152)

With approval of new option name, “Science/Prevet (SPV),” discontinue option name, “Biotechnology/Prevet (BTPV),” last term and year to graduate: Fall 2019 (CM-4152)

Motion was made and seconded to **APPROVE** the Revision and Rename of Major Concentration/Option to: Science/Prevet (SPV), under Degree: Bachelor of Science (BS), Major: Dairy Science (DASC), effective for students graduating in calendar year 2020 (CM-4152), **with modification:**

- An optional committee recommendation was made to consider adding a VMCVM endorsement letter in the proposal packet.

Motion passed unanimously.

Revised/Renamed Major Concentration/Option

Checksheet: Degree: Bachelor of Science (BS), Major: Dairy Science (DASC), Option: Dairy Business Management (DBM) (Revised), effective for students graduating in calendar year 2020 (CM-4153)

With approval of new option name, “Dairy Business Management (DBM),” discontinue option name, “Dairy Enterprise Management (DEM),” last term and year to graduate: Fall 2019 (CM-4153)

Motion was made and seconded to **APPROVE** the Revision and Rename of Major Concentration/Option to: Dairy Business Management (DBM) under Degree: Bachelor of Science (BS), Major: Dairy Science (DASC), effective for students graduating in calendar year 2020 (CM-4153), **with no modifications.**

Motion passed unanimously.

Revised Major Concentration/Option

Checksheet: Degree: Bachelor of Science (BS), Major: Dairy Science (DASC), Option: Dual Emphasis (DUAL) (Revised), effective for students graduating in calendar year 2020 (CM-4167)

Motion was made and seconded to **APPROVE** the Revision of Degree: Bachelor of Science (BS), Major: Dairy Science (DASC), Option: Dual Emphasis (DUAL)

(Revised), effective for students graduating in calendar year 2020 (CM-4167), **with no modifications.**

Motion passed unanimously.

Revised Minor

Checksheet: Minor: International Agricultural and Life Sciences (IAG) (Revised), effective for students graduating in calendar year 2020 (CM-4395)

Motion was made and seconded to **APPROVE** the Revision of Minor: International Agricultural and Life Sciences (IAG) (Revised), effective for students graduating in calendar year 2020 (CM-4395), **with modification:**

- Add “or” between ALS 3954 and ALS 2974.

Motion passed unanimously.

College of Architecture and Urban Studies

Course: SPIA 4374 Federal Cybersecurity Policy and Regulation (New) Spring 2019 (CM-4432)

Motion was made and seconded to **APPROVE** SPIA 4374 Federal Cybersecurity Policy and Regulation (New) Spring 2019 (CM-4432), **with modifications:**

- Noting the departmental preference is that the course title reflect “Cybersecurity” as one word, please update “Cyber Security” to “Cybersecurity” on the Coversheet and with pen-and-ink edits to the support letters.
- For alignment between the Catalog Description, Learning Objectives, and Topic Syllabus, please consider adding the following to the Learning Objectives, as applicable:
 - “Regulations” and “Management”.
 - “Threats” to the 2nd Learning Objective.

Motion passed unanimously.

Revised Minor

Checksheets: Minor: Construction (BCMN) (Revised), effective for students graduating in calendar year 2020 (CM-4389)

Motion was made and seconded to **APPROVE** the Revision of Minor: Construction (BCMN) (Revised), effective for students graduating in calendar year 2020 (CM-4389), **with modifications:**

- Coversheet: Correct to reflect Revision >20%
- Subject designators are *not* required for prerequisite/corequisite course listings within the same subject code. Additionally, subject designators *are* required for all prerequisite/corequisite course listings with different subject codes. Please update these consistently throughout the Checksheet. These updates should include multiple prerequisite/corequisite listings (ex. Add “MATH” to all of the MATH courses listed as prerequisites/corequisites listings for BC 2214 and ESM 2104).
- BC 4434: Clarify and update, as applicable, that the Corequisite BC 4064 is also waived for the minor.
- BC 2024:
 - Correct corequisite from 2024 to 2064
 - Add “(waived for minor)”
- CEE 4014: Change “&” to “and” in the course title.

Motion passed unanimously.

College of Liberal Arts and Human Sciences

Course: ARBC 1114 Accelerated Elementary Arabic (New) Spring 2019 (CM-4426)

Motion was made and seconded to **APPROVE** ARBC 1114 Accelerated Elementary Arabic (New) Spring 2019 (CM-4426), **with modification:**

- Consider removing the word “interlocutor’s” from the 1st learning objective.

Motion passed unanimously.

Course: ARBC 3124 Arabic for Oral Proficiency (New) Spring 2019 (CM-4436)

Motion was made and seconded to **APPROVE** ARBC 3124 Arabic for Oral Proficiency (New) Spring 2019 (CM-4436), **with modifications:**

- Please consider deleting “Provides students with the” in the Catalog Description.
- Please consider adding the second book/Part II as a “Recommended Text” in the Texts and Special Teaching Aids section.

Motion passed unanimously.

Pamplin College of Business

Course: MKTG 4254 Product and Price Management (Revised) Fall 2018 (CM-4539)

Motion was made and seconded to **APPROVE** MKTG 4254 Product and Price Management (Revised) Fall 2018 (CM-4539), **with modification:**

- Justification: Add paragraph to outline course revision changes (from the Revision Summary on the Coversheet) and expand, if/as applicable.

Motion passed unanimously.

A motion was made and seconded to adjourn the meeting at **3:40 PM**.

Respectfully Submitted,
Megan Coulter
Office of the University Registrar