

MINUTES
UNDERGRADUATE CURRICULUM COMMITTEE
OCTOBER 11, 2019
230 STUDENT SERVICES BUILDING, 2:00 PM

Present: Paul Deck (Chair); Alex Brand (COE); Douglas Cannon (LAHS); Carolyn Copenheaver (CNRE); Michelle Czamanske (Staff Senate); Joe Sirgy (PCOB)

Absent: Kristin Phillips (COS); Kerry Redican (VMCVM); Martha Sullivan (CAUS); Dave Winston (CALs); Stacy Vogt Yuan (UCCGE)

Visitors: Gary Costello; Wonjung Jung (CNRE); Ryan Pollea (GEOS); Becki Smith; Ming Chew Teo (MCLL); Shuhai Xiao (GEOS)

The meeting was called to order at **2:02 PM** by P. Deck, Chair.

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

Announcement of approval of minutes: September 13, 2019 – Minutes voted on electronically.

NEW BUSINESS

College of Engineering

Course: ECE 2804 Integrated Design Project (New) Spring 2020 (CM-5184)

Motion was made and seconded to **APPROVE** ECE 2804 Integrated Design Project (New) Spring 2020 (CM-5184) **with modifications:**

- Catalog Description:
 - Edit first sentence to read “Using industrial-caliber test and measurement equipment including...”
 - Move second sentence beginning with “Design, implementation, testing...” to start of paragraph.
- Learning Objectives:
 - Add a learning objective to include societal impact and ethical issues.
- Topic Syllabus
 - Edit topic #3 to read “Document solution for technical reports and in a formal presentation.”

Motion passed unanimously.

Course: ISE 2004 Introduction to Industrial and Systems Engineering (Revised) Fall 2020 (CM-5322)

Motion was made and seconded to **APPROVE** ISE 2004 Introduction to Industrial and Systems Engineering (Revised) Fall 2020 (CM-5322) **with modifications:**

- Catalog Description
 - Edit first sentence to read “Introduction to the Industrial and Systems Engineering profession...”
 - Remove “Course Number: 2004” and “ADP Title: Introduction to ISE.”
- Learning Objectives:
 - Edit Learning Objective #3 to read “Define and identify problems that industrial and systems engineers address by applying systems and critical thinking.”

Motion passed unanimously.

Course: CEE 3404 Introduction to Structural Engineering (Revised) Spring 2020 (CM-5358)

Motion was made and seconded to **APPROVE** CEE 3404 Introduction to Structural Engineering (Revised) Spring 2020 (CM-5358) **with modifications:**

- Catalog Description:
 - Remove “Course Number: 3404” and “ADP Title: Intro Structural Engineering.”

Motion passed unanimously.

Revised Major

Checksheet: Major: Mechanical Engineering (ME) under Degree: Bachelor of Science in Mechanical Engineering (BSME) (Revised), effective for students graduating in calendar year 2022 and for student date of entry under UG Catalog 2020-2021 (CM-5318)

Motion was made and seconded to **APPROVE** the Major: Mechanical Engineering (ME) under Degree: Bachelor of Science in Mechanical Engineering (BSME) (Revised), effective for students graduating in calendar year 2022 and for student date of entry under UG Catalog 2020-2021 (CM-5318) **with modifications:**

- Checksheet:
 - In heading, add “and for student date of entry under UG Catalog 2020-2021” after Graduation Year: 2022.
 - Under Fall 2021, add “from list” after Technical Elective.
- Technical Elective List #1:
 - In Materials Science and Engineering (MSE), insert a comma after 3094.

Motion passed unanimously.

College of Liberal Arts and Human Sciences

Course: CHN 3124 Chinese for Oral Proficiency (New) Spring 2020 (CM-5342)

Motion was made and seconded to **APPROVE** CHN 3124 Chinese for Oral Proficiency (New) Spring 2020 (CM-5342) **with modifications:**

- Catalog Description:
 - Edit to read “Formal conversation, business Chinese, and cultural competency. Discuss current topics and perform daily transactions. Not recommended for native speakers. Pre: 2106. (3H, 3C)
- Learning Objectives:
 - Edit Learning Objective #2 to read “Conduct daily transactions...”

Motion passed unanimously.

College of Natural Resources and Environment

Course: SBIO 4714 Performance of Sustainable Biomaterials in Buildings (Revised) Spring 2021 (CM-5330)

Motion was made and seconded to **APPROVE** SBIO 4714 Performance of Sustainable Biomaterials in Buildings (Revised) Spring 2021 (CM-5330) **with modifications:**

- Catalog Description:
 - Add “serviceability” to align with Learning Objectives and Topic Syllabus.
- Learning Objectives:
 - Edit Learning Objectives to use higher level verbs in line with a 4000 level course.

With approval of SBIO 4714, **discontinue** SBIO 4715, 4716 Wood House

Motion passed unanimously.

Course: SBIO 3524 Manufacture of Sustainable Biomaterials for Structures (New) Fall 2020 (CM-5331)

Motion was made and seconded to **APPROVE** SBIO 3524 Manufacture of Sustainable Biomaterials for Structures (New) Fall 2020 (CM-5331) **with modifications:**

- Catalog Description:
 - Consider adding “industry standards” for better alignment with Learning Objectives.
- Learning Objectives:
 - Edit Learning Objective #5 to read “Apply appropriate metrics to determine if production goals meet expectations.”

- Justification:
 - Include statement explaining how the content learned in SBIO 2124 will successfully prepare students for SBIO 3524.
- Prerequisites and Corequisites:
 - Edit to read “Pre: SBIO 2124 Structure and Properties of Sustainable Biomaterials.”
- Texts and Special Teaching Aids:
 - Per APA format, edit course titles to be in italics.
 - Remove “2nd” in publication beginning with Walker, J.C.F.”
- Topic Syllabus
 - Edit last topic to read “Systems used to evaluate and ensure such materials meet standards.”

With approval of SBIO 3524, **discontinue** SBIO 3534 Lumber Manufacturing and Drying and SBIO 3634 Wood Products Manufacturing

Motion passed unanimously.

Course: SBIO 1014 Introduction to Packaging Systems and Design (New) Fall 2020 (CM-5332)

Motion was made and seconded to **APPROVE** SBIO 1014 Introduction to Packaging Systems and Design (New) Fall 2020 (CM-5332) **with modifications:**

- Catalog Description:
 - Edit to read “Information and skills necessary to succeed in the Packaging Systems and Design program; use of the library resources and use of intellectual property of others; laboratory reports, presentation skills, safe laboratory practices, and resume and packaging career portfolio.”
- Learning Objectives:
 - Edit Learning Objective #2 to read “Use library resources; use the intellectual property of others.”
- Topic Syllabus
 - Edit for better alignment with Catalog Description and Learning Objectives.

Motion passed unanimously.

Course: SBIO 2214 Design Fundamentals for Packaging (New) Fall 2020 (CM-5334)

Motion was made and seconded to **APPROVE** SBIO 2214 Design Fundamentals for Packaging (New) Fall 2020 (CM-5334) **with modifications:**

- Catalog Description:
 - Consider editing second sentence to read “Basic studio course with focus on packaging design processes, two-dimensional graphic work, and package design projects.”

- Justification:
 - In second paragraph, edit level justification statement to read “This course is taught at the 2000 level because students are expected to have a basic knowledge of packaging, which is covered in 2104 Principles of Packaging.”
- Learning Objectives:
 - Edit to read “Pre: 2104 Principles of Packaging.”

Motion passed unanimously.

Course: SBIO 3104 Packaging Design Applications (New) Spring 2020 (CM-5335)

Motion was made and seconded to **APPROVE** SBIO 3104 Packaging Design Applications (New) Spring 2020 (CM-5335) **with modifications:**

- Catalog Description:
 - Consider adding “product target market” to better align with content in Learning Objective #1.
 - Edit last sentence to read “Pre: 2214.”
- Justification:
 - Edit second paragraph to read “This course is taught at the 3000 level because the student must have a basic knowledge of fundamental package design through courses in the first two years of study.”
- Prerequisites and Corequisites:
 - Edit to read “Pre: 2214 Design Fundamentals for Packaging.”
- Topic Syllabus
 - Edit Topic #1 to read “Design of package for the target market.”
 - Edit Topic #2 to read “Development of three-dimensional design project.”
 - Combine Topics #3, #4 and #5 into one Topic for 30% of the course. Edit to read “Use of software for package design” and list Adobe Photoshop, Adobe Illustrator and Esko as bulleted sub-topics.
 - Edit Topic #6 to read “Preparation of packaging for design projects.”
 - Edit Topic #7 to read “Construction of innovative package designs.”

Motion passed unanimously.

College of Science

Course: GEOS 4254 Integrative Earth System History (New) Spring 2020 (CM-5384)

Motion was made and seconded to **APPROVE** GEOS 4254 Integrative Earth System History (New) Spring 2020 (CM-5384) **with modifications:**

- Catalog Description:
 - Edit second sentence to read “Principles of system science, box models...”
- Justification:
 - Edit second paragraph to read “This course is taught at the 4000 level because students will be expected to have critical thinking and critical

reading skills in addition to concepts of Earth science, biosphere evolution, and fundamental geology, which are provided by the listed prerequisites.”

Motion passed unanimously.

Course: GEOS 4264 Sedimentary Basins (New) Spring 2020 (CM-5385)

Motion was made and seconded to **APPROVE** GEOS 4264 Sedimentary Basins (New) Spring 2020 (CM-5385) **with modifications:**

- Catalog Description:
 - Consider adding “programming/statistical software packages.”
- Justification:
 - Include statement explaining how the content learned in GEOS 3204 will successfully prepare students for GEOS 4264.
- Topic Syllabus
 - List “concepts of stretching/thinning...” as bulleted sub-topics under Topic beginning with “Sedimentary basins associated with...”

Motion passed unanimously.

Course: GEOS 4824 Engineering Geology (New) Spring 2020 (CM-5388)

Motion was made and seconded to **APPROVE** GEOS 4824 Engineering Geology (New) Spring 2020 (CM-5388) **with modifications:**

- Catalog Description:
 - Consider editing to read “Application of geological, geochemical, and hydrogeological principles to engineering problems; relating rock and soil forming processes to engineering properties of geological materials; physical and chemical weathering processes and relationships with engineering properties of soil and rock; effective stress theory and geologic hazards; methods and data types for environmental applications and engineering works; geologic hazards and human-land interactions; professionalism and ethics in the practice of engineering geology. Pre: (1004 or 2024 or 2104), (PHYS 2305 or PHYS 2205), (CHEM 1035 or CHEM 1015), (MATH 1225 or MATH 1025). (3H, 3C)”

Motion passed unanimously.

Pamplin College of Business

Course: REAL 2024 Principles of Real Estate Sales (Revised) Spring 2020 (CM-5351)

Motion was made and seconded to **APPROVE** REAL 2024 Principles of Real Estate Sales (Revised) Spring 2020 (CM-5351) **with no modifications.**

Motion passed unanimously.

Course: REAL 4034 Real Estate Analytical Methods (New) Spring 2020 (CM-5366)

Motion was made and seconded to **APPROVE** REAL 4034 Real Estate Analytical Methods (New) Spring 2020 (CM-5366) **with modifications:**

- Catalog Description:
 - Edit first sentence to read “Analytical approaches to contemporary topics...”
- Learning Objectives:
 - Edit Learning Objective #1 to read “Access commercial real estate data sources.”
 - Edit Learning Objective #2 to read “Identify available suite of analytical methods.”
 - Edit Learning Objective #3 to read “Apply analytic methods in different contexts.”
- Texts and Special Teaching Aids:
 - Edit second sentence to read “Given that...”
- Topic Syllabus
 - Edit fourth Topic to read “Application of Methods for Mock Real-World Decisions.”
 - Indent sub-topics a. and b.

Motion passed unanimously.

A motion was made and seconded to adjourn the meeting at **3:25 PM**.

Respectfully Submitted,
Becki Smith
Office of the University Registrar