MINUTES
GRADUATE CURRICULUM COMMITTEE
NOVEMBER 11, 2021
2:15 PM VIA ZOOM

The meeting was called to order at **2:15 PM** by Coy Allen, Chair.

Present and constituting a quorum: Coy Allen (Chair); Martin Chapman (Science); Kai Chew (Graduate & Professional Student Senate); Nisha Duggal (Veterinary Medicine); Roger Edelen (Business); Aarnes Gudmestad (Liberal Arts & Human Sciences); Jason Holliday (Natural Resources & Environment); William Huckle (Graduate School); Jennifer Jones (Agriculture & Life Sciences); Renee LeClair (School of Medicine); Aleksandra Markovic Graff (Architecture & Urban Studies)

Absent: Catherine Amelink (Office of the Executive Vice Provost); Stephen Martin (Engineering)

Visitors: Nicole Abaid (Mathematics); Nicole Akers (Engineering); Matthias Chung (Mathematics): Gary Costello (University Registrar); Dixie Dalton (Agricultural and Applied Economics); Jacob Grohs (Engineering); Laura Hungerford (Population Health Sciences); Becki Smith (University Registrar); Victoria Soghomonian (Physics)

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

Announcement of approval of minutes: October 28, 2021 were approved electronically.

NEW BUSINESS:

College of Agriculture and Life Sciences

Course: AAEC 5054: Strategic Agribusiness Management (New) Spring 2022 (CM-7053)

Motion was made and seconded to **APPROVE** AAEC 5054: Strategic Agribusiness Management (New) Spring 2022 (CM-7053) **with no modifications.**

Motion passed unanimously.

College of Architecture and Urban Studies

Course: SPIA 6014: Pedagogy and Learning (New) Spring 2022 (CM-6034)

Motion was made and seconded to **APPROVE** SPIA 6014: Pedagogy and Learning (New) Spring 2022 (CM-6034) **with modifications:**

- Catalog Description:
    - To promote consistency in the University catalogs, use phrases (declarative statements) rather than complete sentences. In most cases,

this can be accomplished by using phrases without verbs and removing introductory and transitional words.
    - At the end of the Catalog Description, add "Pre: Graduate standing. (3H, 3C)."
- Learning Objectives:
    - To better assess the learning outcome, edit Learning Objective #1 to read "Formulate discussion points about the future of the university."
    - To improve alignment with the Topic Syllabus, consider adding a Learning Objective related to the general structure of the university and academia.
- Texts and Special Teaching Aids:
    - Add "Required: None" and provide justification as to why there is no required text.

Motion passed unanimously.

Course: LAR 5014G: Advanced Design & Construction Documentation (New) Spring 2022 (CM-6537)

Motion was made and seconded to **APPROVE** LAR 5014G: Advanced Design & Construction Documentation (New) Spring 2022 (CM-6537) **with no modifications.**

Motion passed unanimously.

College of Engineering

Degree: Doctor of Philosophy in Engineering Education (Revised), effective for student date of entry under GR catalog 2022-2023 (CM-6007)

Motion was made and seconded to **APPROVE** Doctor of Philosophy in Engineering Education (Revised), effective for student date of entry under GR catalog 2022-2023 (CM-6007) **with no modifications.**

Motion passed unanimously.

Course: ISE 5144: Management and Measurement of Efficiency & Productivity (Revised) Spring 2022 (CM-7005)

Motion was made and seconded to **APPROVE** ISE 5144: Management and Measurement of Efficiency & Productivity (Revised) Spring 2022 (CM-7005) **with no modifications.**

Motion passed unanimously.

Course: ISE 5434: Economic Project Evaluation (Revised) Spring 2022 (CM-7006)

Motion was made and seconded to **APPROVE** ISE 5434: Economic Project Evaluation (Revised) Spring 2022 (CM-7006) **with modifications:**

- Texts and Special Teaching Aids:
    - Edit second sentence to read "No text is required because each textbook in the field provides a specific perspective that does not align sufficiently…"

Motion passed unanimously.

College of Science

Course: MATH 5544: Mathematical Optimization for Machine Learning (New) Spring 2022 (CM-7024)

Motion was made and seconded to **APPROVE** MATH 5544: Mathematical Optimization for Machine Learning (New) Spring 2022 (CM-7024) **with no modifications.**

Motion passed unanimously.

Course: MATH 5514: Topics in Mathematical Biology (New) Fall 2022 (CM-7025)

Motion was made and seconded to **APPROVE** MATH 5514: Topics in Mathematical Biology (New) Fall 2022 (CM-7025) **with modifications:**

- Catalog Description:
    - To promote consistency in the University catalogs, use phrases (declarative statements) rather than complete sentences. In most cases, this can be accomplished by using phrases without verbs and removing introductory and transitional words.
    - Edit statement of repeatability to read "May be repeated ___ times with different content for a maximum of ___ credits."
- Topic Syllabus:
    - Suggestion: To improve alignment, consider adding "technique" to clarify which items are techniques as opposed to models or simulations.

Motion passed unanimously.

Course: GEOS 5184: Advanced Geodesy in the Earth Sciences (New) Fall 2022 (CM-7028)

Motion was made and seconded to **APPROVE** GEOS 5184: Advanced Geodesy in the Earth Sciences (New) Fall 2022 (CM-7028) **with modifications:**

- Learning Objectives:
    - Consider editing Learning Objective #3 to read "Apply geodetic methods…" or "Analyze geodetic methods."
- Justification:
    - Edit first sentence in second paragraph to note what quantitative skills or background knowledge in the field students would need to have to be successful in this course.

Motion passed unanimously.

Course: PHYS 5634G: Advanced Modern Classical Physics (New) Spring 2022 (CM-7032)

Motion was made and seconded to **APPROVE** PHYS 5634G: Advanced Modern Classical Physics (New) Spring 2022 (CM-7032) **with modifications:**

- Justification:
    - Expand on "advanced mastery of the material as well as the disciplinary relevance" to clarify justification for course being at the 5000-level and note what skills or background knowledge in the field students would need to have to be successful in this course.

Motion passed unanimously.

Course: PHYS 5264G: Advanced Quantum Optics and Qubit Processors (New) Spring 2022 (CM-7033)

Motion was made and seconded to **APPROVE** PHYS 5264G: Advanced Quantum Optics and Qubit Processors (New) Spring 2022 (CM-7033) **with no modifications.**

Motion passed unanimously.

Course: STAT 6344: Modeling High Dimensional and Sparse Data (New) Fall 2022 (CM-7034)

Motion was made and seconded to **APPROVE** STAT 6344: Modeling High Dimensional and Sparse Data (New) Fall 2022 (CM-7034) **with no modifications.**

Motion passed unanimously.

Virginia-Maryland College of Veterinary Medicine

Course: PHS 5064: Public Health Program Development & Evaluation (New) Spring 2022 (CM-7027)

Motion was made and seconded to **APPROVE** PHS 5064: Public Health Program Development & Evaluation (New) Spring 2022 (CM-7027) **with no modifications.**

Motion passed unanimously.

ADJOURNMENT

A motion was made and seconded to adjourn the meeting at **2:58 PM**.

Respectfully Submitted,
Becki Smith
Office of the University Registrar