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MINUTES
GRADUATE CURRICULUM COMMITTEE
MARCH 24, 2022
2:15 PM VIA ZOOM
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The meeting was called to order at **2:15 PM** by Coy Allen, Chair.

Present and constituting a quorum: Coy Allen (Chair); Catherine Amelink (Office of the Executive Vice Provost); Martin Chapman (Science); Kai Chew (Graduate & Professional Student Senate); Nisha Duggal (Veterinary Medicine); Aarnes Gudmestad (Liberal Arts & Human Sciences); Jason Holliday (Natural Resources & Environment); Bill Huckle (Graduate School); Tabitha James (Business); Jennifer Jones (Agriculture & Life Sciences); Renee LeClair (School of Medicine); Stephen Martin (Engineering)

Absent: Aleksandra Markovic Graff (Architecture & Urban Studies)

Visitors: Gary Costello (University Registrar); Dixie Watts Dalton (Agricultural & Applied Economics); Elizabeth Hurley (Center for Leadership and Global Sustainability); Becki Smith (University Registrar); Jennifer Wayne (Biomedical Engineering & Mechanics); Rich Walker (Biological Sciences)

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

Announcement of approval of minutes: February 24, 2022 were approved electronically.

NEW BUSINESS:

College of Agriculture and Life Sciences

Course: AAEC 5074: Agricultural and Food Policy (New) Summer 2022 (CM-7349)

Motion was made and seconded to **APPROVE** AAEC 5074: Agricultural and Food Policy (New) Summer 2022 (CM-7349) **with modifications:**
- Topic Syllabus:
  - Edit topic(s) to include reference to "agriculture" and "food."

Motion passed unanimously.

Course: APSC 5254: Managed Animal Ethology & Welfare (New) Summer 2022 (CM-7356)

Motion was made and seconded to **APPROVE** APSC 5254: Managed Animal Ethology & Welfare (New) Summer 2022 (CM-7356) **with modifications:**
- Catalog Description:
  - To improve alignment and consistency with the Learning Objectives and Topic Syllabus, edit to include reference to "horses, dogs, and cats."

        o Edit first sentence to read "Animal welfare from holistic frameworks.
- Topic Syllabus:
  - Remove fifth Topic beginning with "Novel" and adjust percentages.

Motion passed unanimously.

College of Engineering

Course: BMES 5004: BME Ethics & Professional Development (New) Fall 2022 (CM-7335)

Motion was made and seconded to **APPROVE** BMES 5004: BME Ethics & Professional Development (New) Fall 2022 (CM-7335) **with modifications:**
- Justification:
  - Expand on what undergraduate training or foundational knowledge is needed for students to be successful in the course.
- Topic Syllabus:
  - In Topic 1, combine bullet points into one heading to read "Ethical standards in teaching, mentoring and professional activities."

Motion passed unanimously.

College of Natural Resources and Environment

Course: CL 5104: Climate and the Human Experience (New) Fall 2022 (CM-7320)

Motion was made and seconded to **APPROVE** CL 5104: Climate and the Human Experience (New) Fall 2022 (CM-7320) **with modifications:**
- Topic Syllabus:
  - To improve alignment, add "WEIRD" and "non-WEIRD" to Section I.

Motion passed unanimously.

Course: CL 5114: Environmental and Climate Decision Science in the Anthropocene (New) Fall 2022 (CM-7321)

Motion was made and seconded to **APPROVE** CL 5114: Environmental and Climate Decision Science in the Anthropocene (New) Fall 2022 (CM-7321) **with modifications:**
- Topic Syllabus:
  - To improve alignment, replace "nature" with "environment" throughout Topics.

Motion passed unanimously.

Course: CL 5124: Climate One Health (New) Fall 2022 (CM-7322)

Motion was made and seconded to **APPROVE** CL 5124: Climate One Health (New) Fall 2022 (CM-7322) **with no modifications.**

Motion passed unanimously.

Course: CL 5204: Greenhouse Gas Accounting and Climate Solutions Design (New) Fall 2022 (CM-7323)

Motion was made and seconded to **APPROVE** CL 5204: Greenhouse Gas Accounting and Climate Solutions Design (New) Fall 2022 (CM-7323) **with modifications:**
- Learning Objectives:
  - Define "GHG" acronym.
  - Define "ISO" acronym.

Motion passed unanimously.

Course: CL 5214: Dynamic Integrated Climate-Economy Modeling (New) Fall 2022 (CM-7324)
Motion was made and seconded to **APPROVE** CL 5214: Dynamic Integrated Climate-Economy Modeling (New) Fall 2022 (CM-7324) **with modifications:**
- Justification:
  - In first paragraph, define "low carbon society" and "low carbon economy."

Motion passed unanimously.

Course: CL 5224: Financing Climate Adaptation and Mitigation (New) Fall 2022 (CM-7325)

Motion was made and seconded to **APPROVE** CL 5224: Financing Climate Adaptation and Mitigation (New) Fall 2022 (CM-7325) **with no modifications.**

Motion passed unanimously.

Course: CL 5304: Climate Models for Decision-Making (New) Fall 2022 (CM-7326)

Motion was made and seconded to **APPROVE** CL 5304: Climate Models for Decision-Making (New) Fall 2022 (CM-7326) **with modifications:**
- Catalog Description:
  - Edit first sentence to read "Examination of climate models to estimate temperature, precipitation, sea-level rise, and other physical processes relevant to adaptation, mitigation, and other responses to climate change."

Motion passed unanimously.

Course: CL 5314: Ecological Models for Climate Decision-Making (New) Spring 2023 (CM-7327)

Motion was made and seconded to **APPROVE** CL 5314: Ecological Models for Climate Decision-Making (New) Spring 2023 (CM-7327) **with modifications:**
- Catalog Description:
  - Define "green" and "gray" infrastructure.
- Learning Objectives:
  - In Learning Objective #5, define "green" and "gray" infrastructure.

Motion passed unanimously.

Course: CL 5324: Energy, Economy, and Climate (New) Fall 2022 (CM-7328)

Motion was made and seconded to **APPROVE** CL 5324: Energy, Economy, and Climate (New) Fall 2022 (CM-7328) **with no modifications.**

Motion passed unanimously.

Course: CL 5334: Climate Information and Visualization Tools (New) Fall 2022 (CM-7329)

Motion was made and seconded to **APPROVE** CL 5334: Climate Information and Visualization Tools (New) Fall 2022 (CM-7329) **with no modifications.**

Motion passed unanimously.

Course: CL 5414: Leadership in Climate Advocacy and Coalition Building (New) Fall 2022 (CM-7330)

Motion was made and seconded to **APPROVE** CL 5414: Leadership in Climate Advocacy and Coalition Building (New) Fall 2022 (CM-7330) **with no modifications.**

Motion passed unanimously.

Course: CL 5424: Climate Communications: Politics, People, and Connection (New) Fall 2022 (CM-7331)

Motion was made and seconded to **APPROVE** CL 5424: Climate Communications: Politics, People, and Connection (New) Fall 2022 (CM-7331) **with no modifications.**

Motion passed unanimously.

Course: CL 5434: Case Studies and Current Debates in Climate Change (New) Fall 2022 (CM-7332)

Motion was made and seconded to **APPROVE** CL 5434: Case Studies and Current Debates in Climate Change (New) Fall 2022 (CM-7332) **with modifications:**

- Coversheet:
  - Expand ADP title to read "Climate Change Debates" or Debates in Climate Change."
- Learning Objectives:
  - In Learning Objective #1, edit to read "Contrast their perceptions of the causes and consequences of climate change and the diverse considerations that affect how society should respond to the climate crisis with their peers and thought leaders."
  - In Learning Objective #3, consider deleting "a)," "b)," etc.

Motion passed unanimously.

Course: CL 5444: Scenario Planning for Climate Change (New) Fall 2022 (CM-7333)

Motion was made and seconded to **APPROVE** CL 5444: Scenario Planning for Climate Change (New) Fall 2022 (CM-7333) **with modifications:**
- Learning Objectives:
  - Edit Learning Objective #1 to read "Create future quantitative and qualitative scenarios…" or "Apply future quantitative and qualitative scenarios…"
- Topic Syllabus:
  - Second Topic beginning with "Scenario planning for developing testing…" is missing a percentage.

Motion passed unanimously.

Course: CL 5004: Climate Science and Policy for Leaders (New) Fall 2022 (CM-7485)

Motion was made and seconded to **APPROVE** CL 5004: Climate Science and Policy for Leaders (New) Fall 2022 (CM-7485) **with no modifications.**

Motion passed unanimously.

Course: CL 5024: Climate Leadership (New) Fall 2022 (CM-7486)

Motion was made and seconded to **APPROVE** CL 5024: Climate Leadership (New) Fall 2022 (CM-7486) **with modifications:**
- Catalog Description:
  - Edit first sentence to read "Leadership challenges resulting from the wicked problem of climate change and the competencies and behaviors needed to…"
  - Suggestion: Consider using a different word than "wicked."
- Learning Objectives:
  - Edit Learning Objective #1 to read "Evaluate what climate leadership is, novel leadership challenges…"
  - Consider editing Learning Objective #4 to read "Identify the defining features of organizations capable of…"

- Justification:
  - In third paragraph, edit "plan-of-studies" to "plans-of-study."

Motion passed unanimously.

Course: CL 5034: Risk and Rationality in Climate Change (New) Fall 2022 (CM-7487)

Motion was made and seconded to **APPROVE** CL 5034: Risk and Rationality in Climate Change (New) Fall 2022 (CM-7487) **with no modifications.**

Motion passed unanimously.

College of Science

Course: BIOL 5664: Advanced Virology (Revised) Fall 2022 (CM-7312)

Motion was made and seconded to **APPROVE** BIOL 5664: Advanced Virology (Revised) Fall 2022 (CM-7312) **with modifications:**
- Justification:
  - Expand on what undergraduate training or knowledge of advanced concepts is needed for students to be successful in the course.
- Old (Current) Topic Syllabus:
  - Delete "VI – Syllabus" heading.

    *With approval of BIOL 5664: Advanced Virology, **discontinue** BIOL 5664G: Advanced Virology effective Fall 2022.*

Motion passed unanimously.

Course: BIOL 5824: Advanced Bioinformatic Methods (Revised) Fall 2022 (CM-7313)

Motion was made and seconded to **APPROVE** BIOL 5824: Advanced Bioinformatic Methods (Revised) Fall 2022 (CM-7313) **with modifications:**
- Justification:
  - Expand on what undergraduate training or knowledge of advanced concepts is needed for students to be successful in the course.

    *With approval of BIOL 5824: Advanced Bioinformatic Methods, **discontinue** BIOL 5824G: Advanced Bioinformatic Methods effective Fall 2022.*

Motion passed unanimously.

Course: BIOL 5854: Advanced Cytogenetics (Revised) Fall 2022 (CM-7314)

Motion was made and seconded to **APPROVE** BIOL 5854: Advanced Cytogenetics (Revised) Fall 2022 (CM-7314) **with no modifications.**

*With approval of BIOL 5854: Advanced Cytogenetics, **discontinue** BIOL 5854G: Advanced Cytogenetics effective Fall 2022.*

Motion passed unanimously.

Course: ADS 5064: Foundations of Data Science (New) Spring 2023 (CM-7339)

Motion was made and seconded to **APPROVE** ADS 5064: Foundations of Data Science (New) Spring 2023 (CM-7339) **with no modifications.**

Motion passed unanimously.

Course: ADS 5224: Communication in Team-based Data Science (New) Spring 2023 (CM-7340)

Motion was made and seconded to **APPROVE** ADS 5224: Communication in Team-based Data Science (New) Spring 2023 (CM-7340) **with modifications:**
- Catalog Description:
  o Edit last sentence to read "Pre: 5064, (STAT 5525 or CS 5525). (3H, 3C)."
- Prerequisites and Corequisites:
  o Edit to read "Pre: 5064 Foundations of Data Science, (STAT 5525 Data Analytics or CS 5525 Data Analytics)."

Motion passed unanimously.

ADJOURNMENT

A motion was made and seconded to adjourn the meeting at **3:31 PM**.

Respectfully Submitted,
Becki Smith
Office of the University Registrar