

MINUTES
GRADUATE CURRICULUM COMMITTEE
SEPTEMBER 12, 2019
238 GRADUATE LIFE CENTER, 2:15-4:15PM

Present: Madlyn Frisard (Chair); Nicole Akers (University Registrar non-voting); Gary Costello (University Registrar non-voting); Sheryl Coutermarsh-Ott (Veterinary Medicine); Rachel Diana (Science); William Huckle (Graduate School); Alexander Leonessa (Engineering); Reza Barkhi for Linda Wallace (College of Business); John Tedesco (Liberal Arts & Human Sciences).

Absent: Jason Holliday (Natural Resources & Environment)

Visitors: Mary Ann Hansen (PPWS); Renee Ryan (BC); Rich Walker (BIOL)

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

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

Welcome and Remarks from the Chair

- Welcome and Self-Introductions
- Chair Comments

ANNOUNCEMENT OF APPROVAL AND POSTING OF MINUTES

Announcement of approval of minutes: April 25, 2019– Minutes voted on electronically

Old Business:

College of Engineering

Course: BMES 6524 Physics of Medical Imaging (New) Spring 2020 (previously tabled 3/23/17, 8/31/17, 4/26/18, and 2/14/19) (CM-3326)

Motion was made and seconded to **APPROVE** BMES 6524 Physics of Medical Imaging (New) Spring 2020 (previously tabled 3/23/17, 8/31/17, 4/26/18, and 2/14/19) (CM-3326) **with minor required modifications:**

- Catalog Description: Please edit to read: Physical principles, mathematical algorithms and devices used in diagnostic medical imaging. Medical imaging modalities and digital imaging; Computerized tomography and reconstruction algorithms; Ultrasound imaging; Magnetic resonance imaging; Nuclear medicine imaging. Patient safety and applications. Pre: Graduate standing. (3H, 3C)
- Learning Objectives: Please number Learning Objectives rather than using bullets.
- Justification/ Second paragraph:

- Please move the sentence beginning “This course is one of 4 medical physics.....Physics Education Programs” to the first paragraph.
- Please replace “high level of expertise” with “background and skills”
- Texts and Special Teaching Aids: Please edit reference to read:
Required: Bushberg, J., Seibert, J., Leidholt, E., & Boone, J., (2012), *The essential physics of medical imaging*, (3rd ed.), Philadelphia, PA: Lippincott, Williams and Wilkins: pp. 1048
- Topic Syllabus: Edit “Computed Tomography” to “Computerized Tomography and Reconstruction Algorithms

Motion passed unanimously.

New Business:

College of Agriculture & Life Sciences

Course: APSC 5514G Advanced Animal Growth and Development (New) Spring 2020 (CM-5231)
**Course is conjoint with APSC 4514 Animal Growth and Development*

Motion was made and seconded to **APPROVE** APSC 5514G Advanced Animal Growth and Development (New) Spring 2020 (CM-5231) **with one minor required modification:**

- Justification/ Second Paragraph: Edit last sentence to read “....function and changes that occur within an animal....”

Motion passed unanimously.

Course: PPWS 5154 Plant Problem Diagnosis (New) Spring 2020 (CM-5239)

Motion was made and seconded to **APPROVE** PPWS 5154 Plant Problem Diagnosis (New) Spring 2020 (CM-5239) **with minor required modifications:**

- Justification:
 - First paragraph: Please include statement about this course presenting diverse knowledge of plant problems.
 - Please remove references to “PPWS 4151/5154G” throughout the proposal.

Motion passed unanimously.

College of Architecture & Urban Studies

Course: CNST 5234 Construction Project Leadership (New) Spring 2020 (CM-5292)

Motion was made and seconded to **APPROVE** CNST 5234 Construction Project Leadership (New) Spring 2020 (CM-5292) **with one minor modification:**

- Justification/ Second Paragraph: Consider changing “her” to “the student”.

Motion passed unanimously.

College of Engineering

Course: ISE 5834 Decision Analysis for Engineers (New) Spring 2020 (CM-5235)

Motion was made and seconded to **APPROVE** ISE 5834 Decision Analysis for Engineers (New) Spring 2020 (CM-5235) **with minor required modifications:**

- Learning Objectives:
 - Objective 1: Please confirm whether “Frame and model” are the correct verbs. Are they sequential?
 - Objective 2: Edit to read “Illustrate how beliefs are used to....”
 - Objective 3: Edit to read “Illustrate how preferences and expected value serves as the bases.....”
- Justification/ First Paragraph:
 - First sentence: Change “trade-off”s” to “trade-offs”.
 - First sentence: Lowercase the “e” after the colon.
 - Fourth sentence: “....and tools to analyze the world, and....”
- Topic Syllabus:
 - Topic 4: Edit to read “Limitations of traditional decision methods used in engineering”
 - Allocations total more than 100%

Motion passed unanimously.

Course: BMES 5324 Advanced Topics in Regenerative Medicine (New) Spring 2020 (CM-4766)

Motion was made and seconded to **APPROVE** BMES 5324 Advanced Topics in Regenerative Medicine (New) Spring 2020 (CM-4766) **with minor required modifications:**

- Catalog Description: Edit to read “.....need for donor organs. Pre: 5314. (3H, 3C). Delete line “Pre: Graduate Standing and BMES 5314”
- Learning Objectives:
 - Please number Learning Objectives rather than using bullets.
 - Objective 1: Edit “Analyze” to “Describe”

- Objective 2: Edit to read “Evaluate the technologies that make it possible to begin devising....”
- Objective 3: Edit “Illustrate” to “Specify”
- Objective 4: Edit “Develop” to “Propose”
- Prerequisites and Corequisites: Edit to read “Pre: 5314 Intro. Regenerative Med”

Motion passed unanimously.

Pamplin College of Business

Course: ACIS 5534 Information Systems Analysis and Design (Revised) Spring 2020 (CM-5296)

Motion was made and seconded to **APPROVE** ACIS 5534 Information Systems Analysis and Design (Revised) Spring 2020 (CM-5296) **with minor required modifications:**

- Coversheet: Phone number is missing a digit.
- Learning Objectives:
 - Objective 3: Edit to read “Model complex business situations with UML techniques and tools.”
 - Objective 4: Hyphenate “use-case”
 - Objective 5: “Edit to read “Develop OO design models, and deployment diagrams for complex business situations.”
- Justification/ First Paragraph: Edit last sentence to read “...systems development, which is an industry standard in modeling business....”
- Texts and Special Teaching Aids: Edit reference to read:
Dennis, A., Wixom, H.B., and Tegarden, D. (2015). *Systems analysis and design: An object-oriented approach with UML*, 5th Ed. New Jersey: Wiley. Pp. 515

Motion passed unanimously.

College of Science

Course: BIOL 5674 Advanced Pathogenic Bacteriology (Revised) Spring 2020 (CM-5146)

Motion was made and seconded to **APPROVE** BIOL 5674 Advanced Pathogenic Bacteriology (Revised) Spring 2020 (CM-5146) **with minor required modifications:**

- Learning Objectives:
 - Objective 4: Edit “Elucidate” to “Describe”
 - Objective 6: Edit to read “Devise immunization strategies suitable for specific bacterial pathogens.
 - Objectives 7 and 8: Consider combining.
- Justification/ Third Paragraph: Edit to read “Graduate (5000)-level credit is requested due to the multi-disciplinary nature of the material. Students will be expected to integrate and apply advanced concepts from microbiology, cell biology, physiology and immunology acquired in advanced undergraduate course work. As part of their graded work...”
- Texts and Special Teaching Aids: Edit Required reference to read: Engleberg, C., DiRita, V. & Dermody, T (Eds.) (2012) *Schaechter’s mechanisms of microbial disease*, 5th Edition. Philadelphia: Lippincott, Williams, and Wolcott. 848 p.
 - Last reference: Edit “...and...” to “...&...”

Motion passed unanimously.

Course: NEUR 6034 Diseases of the Nervous System (New) Spring 2020 (CM-5324)

Motion was made and seconded to **TABLE** NEUR 6034 Diseases of the Nervous System (New) Spring 2020 (CM-5324) **with major required modifications:**

- Improve overall alignment between Catalog Description, Learning Objectives, and Topic Syllabus
- Learning Objectives:
 - Objective 2: Edit to read “Synthesize current knowledge, epidemiology, cause...”
 - Objective 3: Edit to read “Synthesize current knowledge regarding neurological dysfunction.”
 - Objective 4: Summarize current literature...”
 - Objective 5: Edit to provide clarification and incorporate “drug discovery”
 - Objective 6: Edit to read “Evaluate technical and ethical challenges and opportunities....”
 - Consider creating objective 7 to read “Design and deliver a lecture...”
- Justification: Capitalize “Central Nervous System” and edit “TMBH” to “TBMH”
- Texts and Special Teaching Aids: Apply consistent use of APA or MLA format to cite reference materials; use headers to present whether texts are “required” or “recommended”; order citations alphabetically; and include reference to page numbers. For example:

APA - Author Last name, Initials. (Year of publication). *Title of work in italics or CAPS*. Location: Publisher. pp.

MLA – Author Last name, First name. *Title of work in italics or CAPS*. Location: Publisher, Year of publication. pp.

Motion passed unanimously.

Virginia-Maryland College of Veterinary Medicine

Course: PHS 5044 (HNFE 5694) Public Health Policy and Administration (Revised)
Spring 2020 (CM-4903)

Motion was made and seconded to **APPROVE** PHS 5044 (HNFE 5694) Public Health Policy and Administration (Revised) Spring 2020 (CM-4903) **with no modifications.**

Motion passed unanimously.

ADJOURNMENT

A motion was made and seconded to adjourn the meeting at **4:10 PM**.

Respectfully Submitted,
Nicole Akers
Office of the University Registrar