

Minutes

CALS Curriculum Committee Meeting
Tuesday, February 22, 2022, 1:00 – 2:30 p.m.
6201 MSB ***REMOTE DUE TO WEATHER***

Voting Members Present: Goldman, van Pijkeren, Ney, Vermillion Kalmon, Lankau, Kaspar, Wagner
Student Members Present: Weisner, Antonson
Ex-Officio: Ackerman-Yost

Chair for meeting: Irwin Goldman

CONSENT AGENDA

1. Review meeting minutes from February 8, 2022
2. Course discontinuation
BSE 201 – Land Surveying Fundamentals
<https://next-guide.wisc.edu/courseadmin/?key=82616>
3. Program change – changing admissions standard from 2 semesters of Physics to one, adding required Ethics workshop, clarifying requirements
Bacteriology, M.S.
Effective Fall 2022
<https://next-guide.wisc.edu/programadmin/?key=607>

Approved by consent.

ACTION ITEMS

1. Program changes – updated learning outcomes & assessment plan, 1:00-1:20pm
added BSE 380 to entrance requirements, adjusted options for electives
+ MSE named option – replaced ME 313 with ME 310 or 311
+ NREE and F&BE named options – replaced BSE 201 with BSE 301
Biological Systems Engineering, B.S. **Guest: Rob Anex**
Effective Fall 2022 Wagner/van Pijkeren/Ney
<https://next-guide.wisc.edu/programadmin/?key=24>
Biological Systems Engineering, B.S. – Machinery Systems Engineering named option
<https://next-guide.wisc.edu/programadmin/?key=687>
Biological Systems Engineering, B.S. – Nat. Res. Envir. Engineering named option
<https://next-guide.wisc.edu/programadmin/?key=708>
Biological Systems Engineering, B.S. – Food and Bioprocess Engineering named option
<https://next-guide.wisc.edu/programadmin/?key=302>

Description: BSE is programmatically accredited by ABET, which requires specific learning goals for the program. The program updated its PLOs to match the learning goals for ABET and updated its assessment plan to match. The program provided information about the programmatic accreditation requirements. The committee also discussed how the program used the courses to satisfy the courses in the curriculum. The committee recommended that the program review the language used for the M&S GPA, as they felt that it was unclear whether specific courses were required, or if the requirement was met using any number of courses taken by the student.

Motion to approve: Wagner/van Pijkeren

Vote: 7-0-0

2. Program Changes – updated options for statistics, ecology, and anatomy/phys 1:20-1:40pm
Wildlife Ecology, B.S. Guest: Anna Pidgeon
Effective Fall 2022 Lankau/Vermillion Kalmon
<https://next-guide.wisc.edu/programadmin/?key=54>

Description: Wildlife Ecology is adding the option for students to take a more general ecology course instead of an introductory ecology course specific to wildlife ecology, which will allow students to transfer into the major more easily. The program is also expanding options for anatomy and physiology to a course on disease, which provides a focused perspective on disease and covers some foundations in physiology. The program is also removing some courses that are no longer offered or have a graduate audience. The committee wondered whether there were courses in animal sciences that could satisfy the anatomy/physiology requirements, but the program indicated that they were looking for courses that provided a broader survey of vertebrates. The committee also discussed that the category “anatomy/physiology” could be renamed for accuracy.

Motion to approve: Lankau/Vermillion Kalmon

Vote: 7-0-0

3. Program changes - updating some core requirements 1:40-2:00pm
Forest Science BS Guest: TBD
Effective Fall 2022 Goldman/Wagner
<https://next-guide.wisc.edu/programadmin/?key=43>

Motion to defer: van Pijeren/Lankau

Vote: 7-0-0

4. Revisit: New course 2:00-2:10pm
AN SCI 366 – Concepts in Genomics Vermillion Kalmon/Kaspar
Effective Fall 2022
<https://next-guide.wisc.edu/courseadmin/?key=89378>

Motion to approve: Vermillion Kalmon/Kaspar

Description: The proposal has addressed the relationship to other courses. The assessments have also been updated to provide more clarity.

Vote: 7-0-0

5. Revisit: New course
AN SCI 865 – Design and Analysis of Biological Studies
Effective Fall 2022

2:10-2:20pm
van Pijkeren/Lankau

<https://next-guide.wisc.edu/courseadmin/?key=89380>

Motion to approve: van Pijkeren/Lankau

Description: The committee had reservations about the out of class hours used to justify the four credits. It was noted that there were three assignments that took 12 hours each, but there was no other information in the syllabus regarding the work outside of class to demonstrate that students would spend 6 hours per week. The committee noted that Statistics is not listed as an interested party, so may not be aware of this proposal. It was also noted that the learning objectives were fairly broad, so it may be difficult to differentiate courses based on the governed content.

Amend motion to defer the proposal pending more information: van Pijkeren/Lankau

Vote: 7-0-0

INFORMATIONAL AND DISCUSSION ITEMS

1. Atwood award

The Atwood Award was provided a short window to adjust the Call this year. As the award nominations are due right before or after the committee has its last meeting of the year, the subcommittee will provide the recommendation without presenting to the full Curriculum Committee.

2. Award assignments – Extra Mile and WALSA

Because there are relatively few nominations, and some of them overlap between the two awards, members are requested to review all nominations according to the award criteria and come prepared to discuss.