

03/07/2024

TO: The Engineering Faculty

FROM: The Faculty of the Agricultural and Biological Engineering

RE: Requisite Changes to ABE 45300 Leadership in Biotechnology

The Faculty of the Agricultural and Biological Engineering has approved the following course description change to an undergraduate course. This action is now submitted to the Engineering Faculty with a recommendation for approval.

Course Description Change

Underline the changes to be made.

FROM:

This course provides students that have completed the research experience in ~~ABE 22600 and ABE 22700~~ an opportunity to continue their professional development by serving as peer leaders in the classroom. ~~ABE 22600 and ABE 22700~~ are part of the Howard Hughes Medical Institute's (HHMI) Science Education Alliance and provide an authentic laboratory research experience with the students engaged in hands-on discovery as a scientist with the ultimate objective of contributing new viral genomes to the scientific literature and public databases. As part of the model for implementing the course-based undergraduate research experience in ~~ABE 22600 and ABE 22700~~, senior level students that successfully completed those courses serve as peer leaders in the classroom. Peer leaders attend the course section along with the currently enrolled students and build competencies in leadership by guiding their team on their research project throughout the semester.

TO:

This course provides students that have completed the research experience in ABE biotechnology laboratory courses an opportunity to continue their professional development by serving as peer leaders in the classroom. The ABE biotechnology laboratory courses are part of the Howard Hughes Medical Institute's (HHMI) Science Education Alliance and provide an authentic laboratory research experience with the students engaged in hands-on discovery as a scientist with the ultimate objective of contributing new viral genomes to the scientific literature and public databases. As part of the model for implementing the course-based undergraduate research experience in the biotechnology laboratory courses, senior level students that successfully completed those courses serve as peer leaders in the classroom. Peer leaders attend the course section along with the currently enrolled students and build competencies in leadership by guiding their team on their research project throughout the semester.

RATIONALE:

Reflects change in course numbers. ABE 22700 will be expired Fall 2024 and replaced with ABE 32700. The course number change was part of a comprehensive change to the Biological Engineering curriculum and courses offerings which has already received approval from ECC.



Head/Director of the Agricultural and Biological Engineering

Link to Curriculog entry:

<https://purdue.curriculog.com/proposal:27894/form>