

Application for
Biology in Engineering Certificate Program

College of Engineering
University of Wisconsin-Madison

The Biology in Engineering Certificate, administered by Academic Affairs in the College of Engineering, is designed for engineering students who want to strengthen their biology backgrounds. It is offered especially to encourage engineering students in traditional disciplines to prepare themselves to understand the special engineering problems in biology and medicine. A student successfully fulfilling the requirements will have the notation "Biology in Engineering Certificate" added to their transcript.

The 15-credit Biology in Engineering Certificate (BEC) program was designed and will be administered by a Biology in Engineering Certificate Committee composed of faculty from multiple engineering disciplines. Students normally should begin the program during their sophomore or junior year, but seniors may also apply.

Prerequisites required to enter the certificate program:

Prior admission to an engineering B.S. degree program or Biological Systems Engineering through CALS at the UW-Madison or alternatively have an accredited B.S. degree in any engineering discipline

Students pursuing an undergraduate degree at UW-Madison, need to have completed at least one intermediate-level (minimum 200-level) engineering course.

To apply to the program:

- 1) Complete this application
- 2) Schedule an appointment to meet with one of the Biology in Engineering advisors (see attached sheet with list of advisors) to discuss your proposed course plan
- 3) Submit completed application to Engineering Academic Affairs Office, 2620 Engr. Hall.

APPLICATION DEADLINE: FOR FALL: NOVEMBER 1 FOR SPRING: MARCH 1

Name _____ Classification _____

Campus Address: _____ Campus ID# _____

City/State/Zip _____ E-mail _____

Signature of Biology Engr. Advisor _____

BIOLOGY IN ENGINEERING CERTIFICATE PROGRAM
COURSE PLAN APPROVED BY ADVISOR

General Biology (5 cr)

Advanced Biology (at least 5 cr)

Biology in Engineering (3 cr)

BME/CBE 517 or BME 515 (1 cr) required course