

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.

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**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, 2630 Engr. Hall.

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

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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 (6 cr)**

**Biology in Engineering (3 cr)**

**BME/CBE 517 (1 cr) required course**

