

## FAQs ABOUT REQUIREMENTS FOR BE 4085, 4990, OR 4995

**BIOL\_EN 4085      Problems in Biological Engineering**

**BIOL\_EN 4990      Undergraduate Research in Biological Engineering**

**BIOL\_EN 4995      Undergraduate Honors in Biological Engineering**

### What is the difference between BE 4990 and BE 4995?

#### **BE 4990:**

This course consists of supervised independent study at the undergraduate level. The student receives academic credit for research experience. A written report is desired. Enrollment in this course will not result in having the Honor Scholar designation on a certificate.

#### **BE 4995:**

This course is open only to honor students in BE and consists of an independent investigation of Biological Engineering to be presented in a thesis.

*A student must have a 3.0 overall GPA for acceptance into the program (transfer students must have an overall 3.0 or higher GPA average for any transfer credit and MU credit).*

*Student must maintain and graduate with a 3.0 or higher overall GPA to graduate with Honors*

*Student must satisfy all departmental, college, and ABET requirement.*

*Students must take the Fundamentals of Engineering (FE) exam.*

### How do I receive a grade and credit for BE 4085, 4990, or 4995?

- BE Faculty in charge of independently-mentored course sections determine the requirements for course credit and provide a grade for each student.
- If you have questions about requirements for your grade, please discuss with your mentor.

### If I enroll in BE 4995, do I have to do the requirements for the Honor Scholar?

- Students usually enroll in this course to receive the Honor Scholar designation on their diploma.
- If the Honors Scholar requirements are not met, the Honor Scholar designation may not be given.

### But what if I want the Honor Scholar designation?

- You should **find a mentor** one year before graduation, or one must be found no later than the next-to-last semester before graduation.
- **Inform** Dr. Steve Borgelt of your plans as he is the BE Honor Committee representative. He will authorize a **consent/permission number** for enrollment in the course section you need **after** you have submitted your **structured abstract with the approving signatures of two faculty members**.
- You will need to **enroll in BE 4995 Undergraduate Honors in Biological Engineering** for at least three (3) credit hours, with a total maximum of six (6) credit hours with your faculty mentor. There are some exceptions to this rule.

### What are the Honor Scholar requirements?

- Schedule a **poster or oral presentation** of your final research report usually at the MU Spring Undergraduate Research and Creative Achievements Forum. Currently spring and summer forums are scheduled but no fall forum.
- **Submit a final research report**, as an Honors Thesis in the semester of graduation. Another faculty member must review the report as the second reader. Work with your faculty mentor to determine a report reviewer. Allow a week for the second review.
- **Submit a BE Honors Scholar Completion Form** to Departmental Honors Director, Dr. Borgelt before graduation. This indicates that you have completed all the program requirements.

