

BME_Summer_Student_Application_2026

University of Cincinnati Biology meets Engineering (BmE) Program Summer 2026

Program Application

BmE is a program to grow students' confidence and interest in biology and engineering. Students get to take part in fun biology activities to learn how animals operate in the world using their senses. Students will then use engineering to build and program robots that share important features with animals. The program will also include activities focused on college and career readiness.

Program Dates: June 1 - June 18, 2026

Program Time: Monday through Friday, from 9 AM to 3 PM at UC Uptown West Campus. Students are required to commit to the full program, as the projects are team oriented.

Program Details: This is a three-week, hands-on, transdisciplinary summer program in biology and engineering with a final public presentation. The program takes place on campus at the University of Cincinnati. It is free to participate, with daily lunch provided. Materials and equipment are also provided. Parking passes or Cincinnati Metro bus passes are available.

Program Admissions: The application review process will begin March 8, 2026 and will continue until the program is filled. The final application deadline is April 18, 2026.

Program Application Questions? Please contact Dr. Stephanie Rollmann, Program Director, UC Department of Biological Sciences, stephanie.rollmann@uc.edu, or the high school teacher/counselor or other advisor who provided this application.

To support the completion of the application, you will need the following information:

Contact information for applicant and parent/guardian(s)

High school GPA

High school STEM courses taken and grades

Standardized test scores (if taken)

Please note, you need to complete the entire application in one sitting. You and your parent/guardian will need to sign the application at the end. If easier, the application can also be downloaded from the BmE website (<https://www.biologymeetsengineering.org/>) as either a Word or pdf document and submitted in that format to stephanie.rollmann@uc.edu

Student Information

First Name

Last Name

Date of Birth (MM/DD/YYYY)

Home Address

School Email Address

Personal Email Address

Home Phone Number

Personal Cell Phone Number

As of today, have you applied for college?

☐ I have applied (please list where you have applied).

☐ I haven't applied yet, but I plan to apply (please list where you plan to apply).

☐ I have not and don't plan to apply (please list your career plans).

What are some of your interests, both inside and outside of school?

What do you think you want to do as a career?

How will taking part in this summer's program fit with your interests and career goals? What do you hope to learn or gain from participating? (word limit 150)

How did you hear about UC's BmE program? (Check all that apply)

- ☐ High School Teacher/Counselor/Principal
- ☐ High School Friend
- ☐ University of Cincinnati Staff/Faculty/Student
- ☐ Media/Website
- ☐ Family/Community Member
- ☐ Other (please specify)

School Information

What high school do you currently attend?

What grade will you be entering for the 2026-2027 school year?

- ☐ Freshman
 - ☐ Sophomore
 - ☐ Junior
 - ☐ Senior
-

What is your GPA?

List any high school Science, Technology, Engineering or Math (STEM) classes you have taken and their corresponding grades.

Test Scores (if taken) If no answer, please enter "N/A"

	Score
Pre-ACT	
Pre-SAT	
ACT	
SAT	
Other	

Skill Level We value a range of skill levels. The following questions give us an idea of your starting knowledge and/or STEM experiences:

Do you have any programming knowledge or experience (For example: programming, coding and/or robotics clubs or camps)? Please provide details.

Rate your programming/coding knowledge level:

- ☐ 0 - Not comfortable programming
- ☐ 1 - Somewhat comfortable using drag and drop coding programs like Scratch or MBlock
- ☐ 2 - Very comfortable using drag and drop coding programs like Scratch or MBlock
- ☐ 3 - Comfortable using other coding programs such as Python or JAVA

Rate your animal biology knowledge level:

- ☐ 0 - Know nothing/very little about animal biology
- ☐ 1 - Somewhat knowledgeable about animal biology
- ☐ 2 - Knowledgeable in animal biology

Rate your brain science (neuroscience) knowledge level:

- ☐ 0 - Know nothing/very little about brain science
- ☐ 1 - Somewhat knowledgeable about brain science
- ☐ 2 - Knowledgeable in brain science

Household Information

Parent/Legal Guardian Information (#1): If no answer, please enter "N/A"

☐ Name _____

☐ Relationship to Student

☐ Address (if different from student)

☐ Home Phone Number

☐ Personal Cell Number

☐ Personal Email Address

Parent/Legal Guardian Information (#2): If no answer, please enter "N/A"

☐ Name _____

☐ Relationship to Student

☐ Address (if different from student)

☐ Home Phone Number

☐ Personal Cell Number

☐ Personal Email Address

Please sign below to confirm your application submission.

Date:

Student Signature

Parent/Legal Guardian Signature
