

## About the Program

The University of Cincinnati offers a five-year undergraduate program, with cooperative education, leading to a Bachelor of Science degree in Biomedical Engineering.

## Career Opportunities

Our curriculum prepares students for careers in the design of medical devices and graduate studies leading to careers in research, medicine, business and law. Approximately 80% of BME students go on to obtain advanced degrees.

## For more information:

**Department of Biomedical Engineering**  
Engineering Research Center, Room 893  
PO Box 210048  
Cincinnati, OH 45221-0048

**Phone:** (513) 556-4123  
**Fax:** (513) 556-4162  
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# Biomedical Engineering

## Undergraduate Program



**da Vinci:**  
robotically assisted,  
minimally invasive surgery

# Biomedical Engineering Undergraduate Program

## Courses of Study

Two curricular tracks are available, biomechanics and medical device innovation. A premedical option is available in both tracks. The tracks are identical through the 1st quarter of 3rd year. Both tracks have 12 credit hours of technical electives that allow you to take courses from the other track or pursue interests in other areas of study. Premedical students use their electives to take organic chemistry.

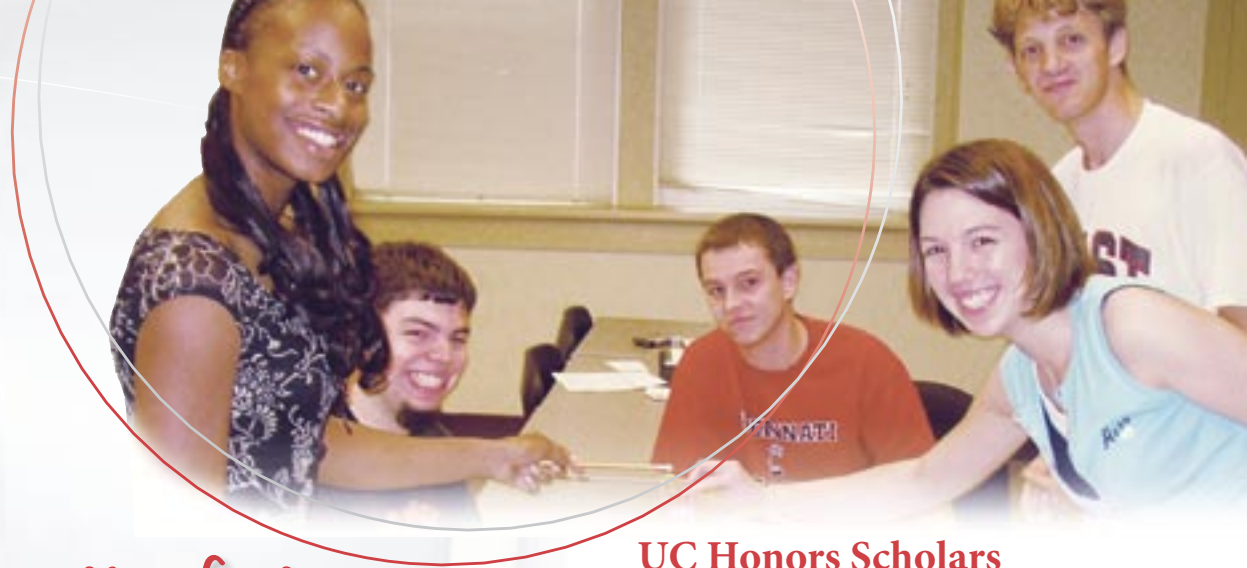
[www.eng.uc.edu/dept\\_biomed](http://www.eng.uc.edu/dept_biomed)

## Cooperative Education

All students participate in our co-op program beginning the third year. Non-premed students can co-op as early as the winter quarter of the second year. A minimum of four co-op quarters must be completed for graduation. International co-op opportunities are available.

[www.uc.edu/propractice](http://www.uc.edu/propractice)

[www.uc.edu/internationalcoop](http://www.uc.edu/internationalcoop)



## interesting facts:

- 40% female and 60% male
- Average ACT/SAT 28/1290
- 40% grads have a career in medicine
- 75% Anticipate post-graduate education
- Strong ethnic engineering program

## Admission Requirements

Sixteen units of high school including:

- English (4 units)
- mathematics with algebra, geometry and trigonometry, (4 units total),
- chemistry (1 unit)
- physics (1 unit).

Admissions are based class rank and ACT/SAT scores. Average ACT/SAT scores of admitted students is 28/1280. Prospective students are encouraged to apply no later than Dec 31.

[www.eng.uc.edu/prospectivestudents](http://www.eng.uc.edu/prospectivestudents)

## UC Honors Scholars

The Honors Scholars Program enhances your undergraduate experience, enriches the curriculum, and prepares you to enter the best graduate schools or professional programs and secure top-notch positions upon graduation. Additional information is available at the Honors Scholars web site.

[www.honors.uc.edu](http://www.honors.uc.edu)

## Financial Aid

### Cincinnatus Scholarship Competition

The cornerstone of the freshman scholarship programs continues to be Cincinnatus, a program that awards more than \$11 million in UC four-year scholarships. The brightest and most promising prospective freshmen are invited to campus where they compete in a dynamic, interactive event that celebrates student leadership

[www.financialaid.uc.edu/scholarship\\_list.asp](http://www.financialaid.uc.edu/scholarship_list.asp)

A minimally invasive laparoscopic surgery

