

# School of Biomedical Engineering

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## Undergraduate Dual-Degree

# What is BME?

With technology playing an increasingly large role in health care, biomedical engineers are at the forefront of developing solutions to current problems and advancing future medicine.

# BME Dual-Degree

[www.eng.uwo.ca/biomed/undergraduate](http://www.eng.uwo.ca/biomed/undergraduate)

Four Core Engineering program options:

Chemical

Electrical

Mechanical

Mechatronics Systems

When you graduate you will have:

- one degree in a Core Program (accredited),  
and
- one degree in BME (non-accredited).

# Eligibility from 1<sup>st</sup> Year

- Select BME dual-degree in Intent to Register (ITR).
- 80% average (YWA). Admission is competitive, so meeting the minimum requirements does not guarantee admission.
- 50 students accepted, based on the capacity of BME 3201A – “Fundamentals of Biomedical Engineering Design”. Taken in 2<sup>nd</sup> Year Fall Term.

# Admission to BME

- Students apply to the BME dual-degree program during 2<sup>nd</sup> year.
- Must complete all requirements of both programs, with 80% (YWA) and a minimum grade of 70% in BME 3201A.
- Students who are not accepted into the dual-degree program may count BME 3201A as a 0.5 technical elective in their core program.

# Intensive Research Experience

- A final-year research thesis, performed under the supervision of a faculty supervisor in a laboratory at Western or in one of London's hospital-based research institutes.
- Ideally begins with a paid research placement in the supervisor's lab during the summer before Year 5.

# Internship Optional

- If desired, is taken between Year 4 and Year 5.

# Med School?

- If you are interested in medical school
- The BME dual degree is designed so that you can apply for medical school.
- You take General Biology courses (Bio 1001A and Bio 1002B). Note: you do not need to have Grade 12 Bio.



# Progression Sheets

[www.eng.uwo.ca/undergraduate/upper-year/next.html](http://www.eng.uwo.ca/undergraduate/upper-year/next.html)

Under each individual program:

- Chemical
- Electrical
- Mechanical
- Mechatronic Systems

# Contact

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