

Pre- BME Path Application Form

UBC Student Number

First Name

Last Name

Email

Telephone

I have taken Biology 12 or AP/IB equivalent

I will take Biology 12 or equivalent before September 2018

I acknowledge that I completed this form on my own with no outside assistance

There is no right or wrong answer for these questions, please answer them as honestly as you can in the space provided. Note that the character counts are strict and additional pages will not be accepted.

Your application documents (application form, resume and transcripts) must be emailed as a single PDF document by April 15th at 11:59 pm to: undergrad.bme@ubc.ca

1. The Biomedical Engineering program requires students to integrate knowledge of engineering biology and physiology in a way that is different from other engineering programs. Provide a short summary of how your academic background, work experience or extracurricular activities will support you in successfully pursuing a biomedical engineering degree. (maximum 800 characters)

2. Provide a short description of what you feel is an interesting problem or challenge in today's society that could be solved using biomedical engineering approaches, and why you chose this problem. (maximum 800 characters)

3. You have been asked to design a container that can be used to transport biological material from one area of campus to another. The samples must be kept at a specific temperature and must maintain a 5% CO₂ level during transport. Describe the process you would follow in order to propose a design suitable for this purpose. Note that we only want you to describe how you would approach solving this problem, and we do not expect you to provide a final design or solution. (maximum 1750 characters)