Certificate Program in Biomedical Engineering

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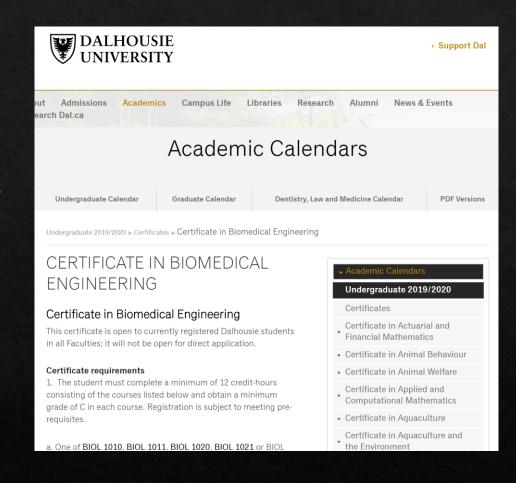
2023/24 ECED Orientation
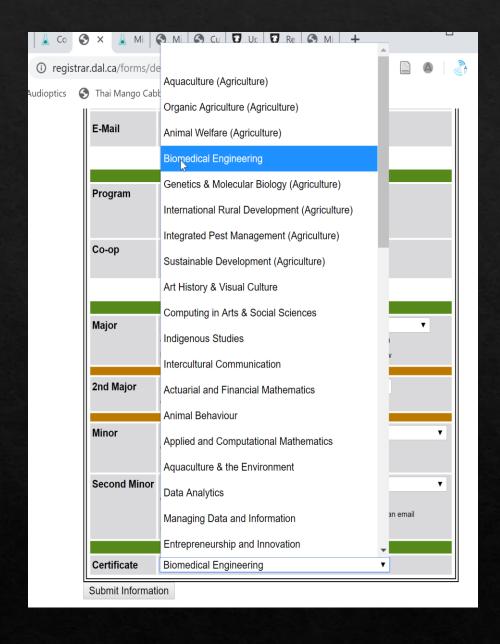
Tuesday September 3, 2024

Certificate Overview

◇ Biomedical Engineering is the application of engineering techniques to problems in medicine and human health

◇ The Certificate in Biomedical Engineering recognizes ECED students who specialize their studies in the biomedical field by

   ◇ Doing a senior year project on a biomedical topic

   ◇ Taking the biomedical engineering technical elective (ECED4760 - Biomedical Engineering)

   ◇ Taking one course outside of ECED that provides exposure to the foundations of medicine (ANAT1010 - Basic Human Anatomy) or physiology (PHYL1001 - Human Physiology 1)

   ◇ Taking a core course of relevance to Biomedical Engineering (ECED4502 - Digital Signal Processing)

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Certificate Details

- Register for the certificate through DalOnline
  - Student Profile -> Declare a Major and select Biomedical Engineering from the Certificate menu
- The Certificate is awarded along with your degree if you successfully complete the ECED program **and** meet all the requirements of the Certificate
- Full details on certificate requirements can be found at

https://academiccalendar.dal.ca/Catalog/ViewCatalog.aspx?pageid=viewcatalog&catalogid=129&chapterid=8666&topicgroupid=38336&loaduserdits=False

For questions about the Certificate, contact Rob Adamson rob.adamson@dal.ca