



# MASTER OF ENGINEERING IN FOOD PROCESSING

The food and beverage industry is the second largest manufacturing sector in Ontario in terms of value of shipments and employment, and generates \$41 billion in annual revenue. Food processing operations not only require advanced engineering science, but also an in-depth understanding of food sciences, food safety and related policies and regulations.

Western Engineering, in collaboration with Brescia's School of Food and Nutritional Sciences, offers a Master of Engineering (MEng) in Food Processing, starting September 2019. This one-year graduate program provides students theoretical and practical skills to meet the demands of the food industry.

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## LEARNING OUTCOMES:

- Learn fundamentals of design and operation of commercial scale food processing plants
- Learn and apply modeling and simulation packages for large scale units in food plants
- Understand the principles and practice of food analysis from chemical and biochemical aspects
- Recognize the regulatory issues, safety and efficiency of specific categories of foods
- Recognize food waste or by-product management, a critical factor in recycling valuable food components
- Analyze food safety events considering economics, policy, trade, public trust; and their implications at the local, national and/or international levels
- Apply an ethical framework to contribute to the analysis of food safety issues and policies at the local, national, and international levels

## ADMISSIONS:

Degree Requirements	Required Documents	How to Apply
<p>Four-year Honours degree (or equivalent) in Engineering or Food Science, or a related field</p> <p>Minimum admission average: 70% (based on the last two years of the degree)</p>	<p>Copies of academic records</p> <p>International applicants are required to provide proof of English Language Proficiency</p> <p>Two references (at least one should be academic)</p>	<ol style="list-style-type: none"><li>1. Apply online: <a href="https://grad.uwo.ca/admissions/apply.html">https://grad.uwo.ca/admissions/apply.html</a></li><li>2. Upload all required documents</li><li>3. Pay the non-refundable application fee (\$115 CAD)</li></ol>

### Want more information?

Contact the Chemical and Biochemical Engineering Graduate Office at [cbegrad@uwo.ca](mailto:cbegrad@uwo.ca) or by visiting our website: [eng.uwo.ca/chemical/graduate/future\\_students/index.html](http://eng.uwo.ca/chemical/graduate/future_students/index.html)



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