

Master of Dairy Technology Management: MDTM

Dairy processing is a growing industry worldwide with increasingly complex global supply chains. Scientific and technological advances offer new approaches to dairy processing and product formulation. In this dynamic context, technology management plays a key role in enhancing the quality, efficiency, food safety, traceability and sustainability of dairy products across the globe. The Master of Dairy Technology Management prepares you for a career in this dynamic field through its focus on applications of scientific, economic and business management knowledge to technology management decisions in the dairy processing industry globally.

uoguelph/mdtm

Program

The MDTM deepens your scientific knowledge of dairy processing and develops skills for operations management and technology assessment in the global dairy sector. Full-time students complete the program in one year/three terms. The first term emphasizes the science foundations of dairy products and processing; the second term expands on dairy processing operations and technology assessment.

The program concludes with a project in the third term.

Part-time admission is also available.

Areas of Emphasis

The Master of Dairy Technology Management is an interdisciplinary program that blends three overarching competencies needed to advance dairy industry professionals globally, namely:

- Dairy Science and Technology
- Management of Operations, Food Safety Systems and Quality Assurance
- Technology Assessment and Business Management

Application Deadline:

July 31, 2022



Admission Requirements

Applicants must have completed an honours undergraduate degree (or its equivalent) from a recognized university or college with an average standing of at least a 'B-' (70%) in the last four semesters of study (normally the last two years of undergraduate full-time study).

Applicants will be expected to have completed undergraduate courses that prepare them for participation in the core graduate courses of the program. Recommended preparation courses are FOOD*2010 Principles of Food Science or equivalent, and MATH*1030 Business Mathematics or equivalent.

ARE YOU INTERESTED IN:

- Sustainability of the food system
- Supply and value chain management
- Food safety and quality management
- Traceability of food products, from farm to fork
- Food industry trends and policy

CAREER OPPORTUNITIES:

Graduates will be highly qualified with knowledge and training in dairy technology management.

Types of positions in the dairy industry include:

- Operation and Production Managers
- CEOs
- Entrepreneurs

CONTACT INFORMATION

Graduate Program Assistant:

mdtm@uoguelph.ca
519-824-4120 ext 53134

Graduate Program Coordinators:

Food Science Department:

Prof. Spencer Henson
519-824-4120 ext 53134
shenson@uoguelph.ca

Food Agriculture and Resource Economics:

Prof. Andreas Boecker
519-824-4120 ext 53532
aboecker@uoguelph.ca

Faculty

This interdisciplinary program is jointly offered by two University of Guelph departments in the Ontario Agricultural College.

The Department of Food Science

Our researchers study the chemical, physical and microbiological aspects of food with the goal of ensuring consumers have access to nutritious, high quality food that is safe to eat. From processing through to packaging, all technical aspects of food are examined. All our programs are comprehensive and students are provided the opportunity to work in research laboratories with world class researchers. Our graduates are sought after for employment at all levels of the food processing sector.

The Department of Food, Agricultural and Resource Economics (FARE)

Our work focuses on applied economics and business analysis along the entire food value chain, from farm to fork. Our research excellence has been recognized nationally and internationally. We strive to bring our research discoveries to bear on relevant policy and business issues. Our applied research factors heavily in our teaching and we take great pride in providing exceptional learning experiences in all our programs.



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