

Master of Plant Agriculture: MPAg

Plants and crops play a critical role in our ecosystem and are essential for a sustainable food system. The University of Guelph's professional course based Master of Plant Agriculture (MPAg) provides you with career-focused knowledge and expertise in plant genetics, breeding, biochemistry and physiology and crop production for you to pursue leadership positions in the private and public sector.

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PROGRAM

The Master of Plant Agriculture program allows you to focus your courses to match your own unique interests and career focus. This program is ideal for recent graduates or working professionals that wish to gain scientific, cross-discipline skills in a hands-on learning environment through coursework. This program is generally completed in 3–4 semesters.

Specialize your program in:

- Crop Production Systems
- Plant Biochemistry and Physiology
- Plant Genetics and Breeding

HANDS-ON LEARNING

Learn about existing and emerging technologies in the agri-food and plant production sector through course based, collaborative projects that enhance your analysis skills and employability.

CONNECT WITH THE SECTOR

Connect with agri-food sector employers through site visits, field studies, and guest speakers. Students deepen their understanding of plant agriculture through courses, hands-on learning, and interactions with professionals and researchers, then apply concepts in a 12–16 week work-integrated learning experience with government, industry, or not for profit partners.



ADMISSION REQUIREMENTS

Applicants must meet the admission requirements of a honours (4-year) bachelor's degree, or equivalent, from a recognized University in a relevant field of study* with an average standing of at least a 'B' average.

**You are still eligible to apply if you have an honours bachelor's degree in an unrelated field of study but have taken courses in related areas and/or gained relevant work experience since completing the degree.*

All applications will be reviewed by Faculty in the Department of Plant Agriculture and the MPAg Program Coordinator and will be evaluated based on:

- Two (2) referee assessments
- A statement of interest in the program and/or career goals

Note: Related work experience is not required but beneficial.

Application Deadline:

Domestic: June 15
International: February 1, early application is strongly encouraged.

Entry: Fall only

ARE YOU INTERESTED IN:

- Biological and Cultural Control of Plant Diseases
- Advanced Plant Breeding
- Physiology of Crop Yield
- Metabolic Processes in Crop Plants
- Applied Bioinformatics
- Fruit and Vegetable Technology

CAREER OPPORTUNITIES:

Employers of graduates of the MPAg program may include:

- Syngenta
- Health Canada / Canadian Food Inspection Agency
- Corteva Agrisciences
- Bayer Crop Science
- Government Agricultural Agencies
- Agriculture and Agri-Food Canada

CONTACT INFORMATION

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