

UTP STAGE II: AGRICULTURAL AND FOOD SCIENCES



One in eight Canadian jobs are in the agricultural and food sectors. From producers to food processors, financial officers to research scientists, graduates are shaping communities in Canada and around the world.

The University of Manitoba's Faculty of Agricultural and Food Sciences offers seven undergraduate degree programs:

- Agribusiness
- Agriculture
 - Animal Systems
 - Agronomy
 - Plant Biotechnology
- Agroecology
- Food Science
- Human Nutritional Sciences

Start your university studies at the International College of Manitoba (ICM), where you'll benefit from an environment designed for international student success. ICM's smaller classes and additional support will set you up for success as you begin

your university career. After completing UTP Stage II: Agricultural and Food Sciences, you can apply to your second year of studies in the Faculty of Agricultural and Food Sciences where you will complete your undergraduate degree.

WHERE CAN THIS DEGREE TAKE YOU?

Over 90% of Agricultural and Food Science students obtain jobs within their field after one year of graduation. With valuable on-the-job training through summer employment and cooperative education, students are able to gain experience in a variety of fields including international agriculture, nutrition, food science and business.

POTENTIAL CAREERS

- International Business Analyst
- Agricultural Marketing Manager
- Registered Dietitian
- International Development Specialist
- Trade, Market or Policy Analyst
- Wildlife Manager
- Risk Management Specialist
- Environmental Consultant
- Food Engineer
- Sport Nutritionist

WHAT WILL YOU BE STUDYING?

Agribusiness: A degree in agribusiness provides students with the knowledge and understanding of the business that drives agricultural processes. Students will learn about finance, marketing food products, economics of the food industry, international business and food safety in Canada and around the world.

Animal Systems: Animal scientists learn important management skills pertaining to animal and livestock production. Students in this program will combine studies in nutrition, genetics and anatomy/physiology with courses in management and communications.

Agronomy: Agronomy students will focus on crop and land management as well as the biology and physiology of plants. Students will focus their learning on agronomy in Western Canada, while also studying about agronomy practices worldwide.



Plant Biotechnology: Plant biotechnologists will use biology, chemistry, genetics and pathology in order to study plant growth and crop development for food and industrial uses.

Agroecology: This program is designed for students interested in learning about the planet and environmental issues with a focus on environmental sustainability, climate change, and management of natural resources. Students will take courses in biology, chemistry and ecology in order to learn about environmental protection, insect and disease control, and land and soil conservation. The faculty is home to the longest-running organic research program in Western Canada.

Food Science: Food scientists play an important role in food production, nutrition, food safety and business. With a background in food safety, chemistry and food engineering, graduates from this program are vital in creating and marketing nutritious food products. Students in the food science program will have access to the food processing plant and test kitchen, where they can develop commercial products for sale. Courses in management will assist graduates in taking their products to the market.

Human Nutritional Sciences: Human nutritional scientists play an important role in our daily nutrition. Graduates from this faculty play an important role in managing diseases, research, community health and nutritional consultation. Students will have the opportunity to focus their studies in one of three areas: nutrition, food, or food industry with a practicum component in their final year. This undergraduate program is also accredited by Dietitians of Canada, providing students with the requirements to apply for Dietetic Internships needed to obtain the Registered Dietitian designation.



PROGRAM HIGHLIGHTS

CO-OP PROGRAMS

Enhance your studies with paid, full-time work opportunities to gain valuable experience and networking opportunities by combining university education and employment training. Co-op opportunities are open to students in all programs* through the Faculty of Agricultural and Food Sciences.

EXPERIENTIAL LEARNING:

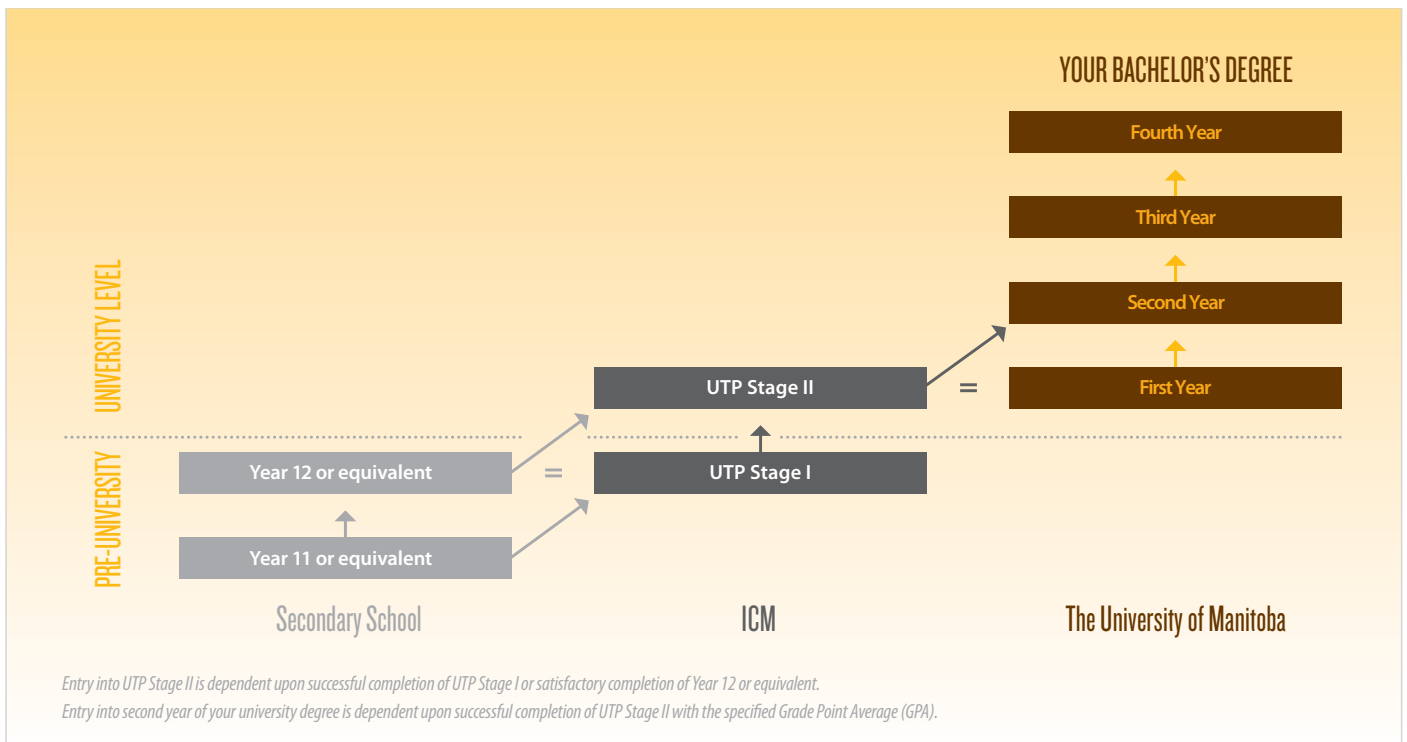
Experiential learning provides students with the opportunity at gaining a flexible work term throughout their studies, where they can enhance their knowledge, gain valuable work experience and network with leaders in their field.



* Currently all programs except Human Nutritional Sciences which is expected to soon be included.

THE PATHWAY TO YOUR DEGREE

ICM is your pathway to a degree at the University of Manitoba, Western Canada's oldest university, that attracts Canada's best and brightest faculty members, researchers and students.



HOW TO APPLY:

Applying to ICM is fast and easy and there is no charge to apply. You can apply either on-line at icmanitoba.ca/apply-today or through your local ICM approved agent.

Define yourself. Define your future.

ICMANITOBA.CA



UNIVERSITY
OF MANITOBA

INTERNATIONAL COLLEGE OF MANITOBA

The University of Manitoba, Fort Garry Campus
Room 508 University Centre
65 Chancellor's Circle
Winnipeg, Manitoba
Canada R3T 2N2
T +1 204 474 8479
F +1 204 474 8420
E info@icmanitoba.ca