

STUDY PLANT SCIENCE AT DALHOUSIE UNIVERSITY IN CANADA



Third Year TNAU B.Sc. (Ag) and B.Sc. (Hort) students are eligible to apply for this unique 3+2 dual degree opportunity in Canada. You will earn two degrees, B.Sc (Ag)/B.Sc. (Hort) from TNAU and a B.Sc. Agr. In Plant Science from Dalhousie University

CONTACT

DEAN

Centre for Students Welfare
Tamil Nadu Agricultural University
Coimbatore -641003

B.Sc. Agr. Plant Science

WHY DALHOUSIE UNIVERSITY?

Dalhousie's national and international reputation for academic excellence and innovative research is supported by a diverse and inclusive community that's committed to your growth, wellness and success.

Students from Tamil Nadu Agricultural University have been participating in articulation programs at Dalhousie for more than a decade, enjoying rich academic experiences that have led to rewarding careers in agriculture and related industries in India, Canada and around the globe.

Dalhousie's Agricultural Campus in Truro, Nova Scotia is the only campus in Canada with an on-site teaching farm. The beautiful town of Truro, which is just an hour's drive from the provincial capital of Halifax, was recently voted the #1 friendliest community in the Maritimes (expedia.ca).

Our whole campus is a classroom. Discovery surrounds you, from our working farm and research fields to our animal care facilities and well-equipped laboratories. Here, you'll make industry connections, test your ideas, explore new interests and graduate with career-ready skills and the confidence to use them. Get hands-on from day one as you tackle the local and global challenges that affect us all.

IS PLANT SCIENCE FOR ME?

The Plant Science program builds on plant-soil environment and ecosystem relationships to include production, storage, and use of plants as food, medicine, nutraceuticals, and emerging fiber sources - as well as for ornamental purposes. As you become more deeply involved with the discipline of Plant Science, you'll discover useful, creative, and innovative solutions to real-world problems, such as food security and safety issues, both at home and abroad.

Plants play a key role in the well-being of humans and animals by providing nutrition, and by contributing to a healthy and beautiful environment. When you understand plants, you will have the power to tackle issues related to food quality, safety and security, clean air, and clean water. Here you'll gain state-of-the-art knowledge and skills and will be trained to contribute to the solution of one of our world's greatest problems: finding ways to sustainably feed our planet's fast-growing population.

WHAT WILL I LEARN?

You will learn about plants of all types, their interesting structures and vastly diverse functions, as food, as sources of energy and pharmaceuticals, as building materials and for greening cities and purifying our air and water. You will learn how to grow, store, process and use plants. You will also learn about the economical and ethical challenges we are facing in

the world and how plant resources can help to improve the global food supply, the environment and food safety by using modern knowledge and technologies.

WHAT CAREERS CAN I PURSUE?

With our four-year Bachelor of Science in Agriculture, major in Plant Science, you will be prepared for a variety of careers. Your training will provide experience for a diverse job market; such as positions in research labs in universities, provincial and federal government service agencies, extension services, urban agriculture and community organizations, private industry in agribusiness, consulting, farming, processing or marketing.

Some career options you might consider, include:

- Horticulturist
- Agronomist
- Farm manager
- Extension specialist
- Food science technician
- Researcher

WHAT GRADUATE PROGRAMS CAN I PURSUE?

If you are interested in future study, this program will open doors for you to go into an MSc or PhD degree, or to move into medicine, political science, environmental law, or human nutrition.

WHY STUDY PLANT SCIENCE AT DAL'S TRURO CAMPUS?

- Contribute to the solution: One of the world's greatest challenges is finding ways to feed our planet's fast-growing population, making plant science one of the most important disciplines for our future.
- Learn on a real farm: Our Agricultural Campus, located an hour outside Halifax in Truro, features a fully operational, 200-hectare farm, with demonstration gardens, greenhouses, species collections, 100 hectares of commercial grain and forage production, and a 14-hectare natural woodlot.
- See the big picture: The Plant Science program focuses on the relationships among plants, soil, ecosystems and the environment, while providing an international perspective in both teaching and research through links with institutions abroad.
- Be business minded: With our strong entrepreneurial emphasis, you'll learn skills that can help you become your own boss.

FOR INFORMATION, CONTACT:

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