

University of Alberta University of Alberta Calendar 2025-2026

Graduate Programs in Renewable Resources

Department of Renewable Resources
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Please note [March 11, 2026] - ADDENDA. Admission deadline information has been relocated from this page. See [Amendments to the Calendar](#) for additional information.

General Information

The Department of Renewable Resources offers programs leading to the course-based degrees of Master of Agriculture, Master of Forestry, and thesis-based degrees of Master of Science, and Doctor of Philosophy.

The Faculty of Agricultural, Life and Environmental Sciences and the Faculty of Business offer two course-based programs of joint study that enable students to earn both the Master of Business Administration and Master of Agriculture degrees or both the Master of Business Administration and Master of Forestry degrees, after two calendar years of full-time study.

Graduate studies in the Department of Renewable Resources encompass a broad spectrum of scientific and management applications in natural and managed landscapes.

Graduate studies in the Department of Renewable Resources fall within five major research themes briefly defined as: Conservation Biology, Forest Ecology and Management, Agriculture and the Environment, Reclamation and Restoration of Land and Water, and Environmental Soil Science.

Thesis research is conducted within the major research themes, however, the following eight fields of study are the approved specializations for the thesis-based programs: 1) Agroforestry (MSc only) 2) Conservation Biology 3) Forest Biology and Management 4) Land Reclamation and Remediation 5) Protected Areas and Wildland Management 6) Soil Science 7) Water and Land Resources 8) Wildlife Ecology and Management. Inquiries should be directed to the Associate Chair (Graduate Programs), Department of Renewable Resources.

Prospective students should note that the Renewable Resources program is integrated within the Faculty of Agricultural, Life and Environmental Sciences.

Entrance Requirements

The Department's minimum admission requirements are an appropriate undergraduate degree with an admission GPA of at least 3.0 on the 4-point scale from the University of Alberta, or an equivalent qualification and standing from a recognized institution. The admission GPA will be calculated on the last 60 units of graded coursework completed, or on the equivalent of the last two years of full-time graded coursework.

Applicants to the Master of Forestry must have a BSc in Forestry or a BSc in an allied discipline such as Geography, Biological Sciences, Agriculture or Environmental and Conservation Sciences.

Applicants to the Master of Agriculture must have a BSc in Agriculture or a BSc in an allied discipline such as Geology, Biological Sciences, Forestry or Environmental and Conservation Sciences.

Where applicable, applicants must provide proof of English Language Proficiency (refer to [English Language Requirement](#)). Any one of the following is acceptable:

- a TOEFL score of 90 (Internet-based), or equivalent,
- an equivalent score on an approved English language examination.

All applicants are also required to submit the following

- Curriculum Vitae
- Research Statement Form
- Three letters of reference

In addition, all applicants for the thesis-based graduate programs (MSc, PhD) must have a faculty member agree to supervise their program before admission is approved.

Visit [Graduate program application deadlines](#) to see deadlines for all programs in Renewable Resources.

Financial Assistance

Most students are either on scholarships or funded by research grants obtained by professors in the Department. A limited number of graduate teaching and research assistantships, administered by the Department, are available to well-qualified candidates. Exceptional applicants will be nominated by the Department for MSc and PhD recruitment scholarships offered by the Faculty of Graduate & Postdoctoral Studies.

Graduate Program Requirements

Master's Programs

- [Master of Agriculture \(Renewable Resources\)](#)
 - [Master of Agriculture Specialization in Conservation and Restoration of Land and Water \(Renewable Resources\)](#)
- [Master of Forestry \(Renewable Resources\)](#)
 - [Master of Forestry with Specialization in Ecology and Ecosystem Restoration \(Renewable Resources\)](#)
 - [Master of Forestry with Specialization in Environmental and Wildlife Conservation \(Renewable Resources\)](#)
 - [Master of Forestry with Specialization in International Forestry \(Renewable Resources\)](#)
 - [Master of Forestry with Specialization in Sustainable Forest Management \(Renewable Resources\)](#)
- [Master of Science \(Renewable Resources\)](#)

Doctoral Programs

- [Doctor of Philosophy \(Renewable Resources\)](#)

Combined Degree Programs

- [Master of Business Administration / Master of Forestry Combined Program \(Renewable Resources\)](#)
- [Master of Business Administration / Master of Agriculture Combined Program \(Renewable Resources\)](#)

Graduate Courses

Graduate courses can be found in [Course Listings](#). Courses offered by the Department of Renewable Resources include those under the following subject headings:

Environmental and Conservation Science (ENCS)
Renewable Resources (REN R)

