

Forestry, Bachelor of Science

Forestry is an environmental science - it is the art and science of managing forests for the benefit of all living things, for the future, as well as the present. Regardless if your interest is in biology, working with people, physics, business or computers, you will find a place in Forestry. The focus is primarily on forest management, the protection, manipulation and use of the forest resource while ensuring that sustainability and other social and cultural needs are met. The field of forestry embraces topics as diverse as economics, ecology, engineering and conservation.

What you can be with your Forestry, Bachelor of Science Degree:

Forest Technician #2223	Forest Technologist #2223	Forester #2122	Tree Care Specialist #2122
Research Scientist #2122	Timber Scaler #2223	Environmental Technician #2223	Arborist #2225.1
Biological Technician #2221.2	Community and Park Planner #2153	Conservation Officer #2224	Environmental Auditor #2263
Landscape Gardener #2225.5	Interpretive Naturalist #2121.1	Technical Writer #5121.2	Environmental Education Specialist #4131

With additional education I could be a:

Entomologist #2121.1	Fish and Wildlife Officer #2224	Microbiologist #2121.2	Soil Scientist #2115.2
Toxicologist #2121.2	Pollution Control Technologist #2211.1	Ecologist #2121.1	Research Scientist #2121.1
Economist #4162	Environmental Economist #4162	Geomatics Engineer #2131	Geomatics Technologist #2131
Logging/Forestry Equipment Operator #8241.1	Woodland Manager #2122	College Instructor #4131	Regional Planner #2153
Remediation and Reclamation Specialist #2263	Water Quality Specialist #2132	Environmental Engineer #2131	Waste Management Engineer #2131
Solid Waste Management Engineer #2131	Geotechnical Engineer #2144	Heavy Equipment Operator #7421	Land Surveyor #2153
Landscape Architectural Technologist #2225.4	Park Warden #2224	University Professor #4121	

This career/job listing is only a sample of the possible career options; these are certainly not the only career/job options accessible with this degree/diploma. Some of the careers listed require further education.

For career information, enter the four digit number listed below in the Alberta Learning Information Services Website (www.alis.alberta.ca) or the National Occupational Classification Website (<http://www5.hrsdc.gc.ca/NOC/>).

RDC Career Services can help you explore your interests, identify your goals, discuss your career options and job search strategies and discover how to make the most of your education. Email or give us a call to connect with a career counsellor.

RDC Department Information: Forestry, Bachelor of Science rdc.ab.ca/programs/sciences

Potential employers:

Forest Products Corporation	University/College	Landowners	Non-governmental
Non-profit	Non-timber industrial or corporate	Research units, firms, or institutes	Utility Companies
International Organizations	Golf Courses	Federal Agencies	Municipal

Major Skills Obtained from Forestry, Bachelor of Science Degree Program

- Able to pay close attention to details when taking measurements and updating computer databases
- Good spatial and form perception for mapping and inspecting
- Good motor co-ordination and manual dexterity for adjusting instruments and activities such as tree planting
- Good communication and interpersonal skills
- Ability to work effectively alone and in a team environment
- Having clear rules and organized methods for their work
- Problem solving
- Interest in all aspects of nature and a serious concern for the environment
- Ability to multitask.
- Ability to learn quickly, think logically and persist in a search for answers to complex questions
- Physical stamina
- Synthesizing information to develop innovative approaches to problems

Professional Associations and Sites of Interest

Canadian Forestry Association - <http://www.canadianforestry.com/>

Association forestière des Cantons de l'Est - www.afce.qc.ca

Eastern Ontario Model Forest – www.eomf.on.ca

Foothills Model Forest - www.fmf.ab.ca

FORED BC Society - www.landscapesmag.com

Fundy Model Forest - www.FundyModelForest.net

Inside Education (formerly FEESA) - www.insideeducation.ca

Lake Abitibi Model Forest - www.lamf.net

LEAF – www.leaftoronto.org

McGregor Model Forest – www.mcgregor.bc.ca

Manitoba Forestry Association –

www.mbforestryassoc.ca

Manitoba Model Forest –

www.ManitobaModelForest.net

Nova Forest Alliance –

www.NovaForestAlliance.com

Nova Scotia Forestry Association – www.nsfa.ca

Prince Albert Model Forest –

www.pamodelforest.sk.ca

Western Newfoundland Model Forest –

www.wnmf.com

Information adapted from <http://www.cfr.msstate.edu/forestry/careers.asp>