

COURSE DESCRIPTIONS

Course FOR1010: Why Forestry?

Students explain the social, economic and environmental significance of forests, describe the impact of individuals on forests, and identify career opportunities in forestry.

Course FOR1020: Forest Regions of Canada

Students identify factors that determine the distribution of forests, as well as research forest regions of Canada with an emphasis on specific species and forest associations found in Alberta.

Course WLD1030: Outdoor Experiences 1 (Survival Skills)

Students demonstrate the basic skills required for responsible participation in a range of outdoor activities.

Course FOR1050: Mapping & Aerial Photos

Students interpret information from different types of maps and aerial photographs used in the forestry industry.

Course FOR1060: Measuring the Forest 1 (Measurement Skills)

Students demonstrate basic forest measurement skills, and apply these skills to sample fibre values in a forested region.

Course FOR1090: Forest Ecology 1 (Ecosystem Dynamics)

Students investigate forest ecosystems, and explain the structure and functioning of trees.

Course FOR1100: Forests Forever 1 (Forest Use & Protection)

Students describe past and present uses of Canada's forests, and explain how research and technology assist in forest management.

Course FOR2010: Making a Difference (Protection & Stewardship)

Students analyze the impact of attitudes, actions and lifestyles on forests, and propose individual and shared actions that foster environmental stewardship.

Course FOR2030: Managing Alberta Forests

Students research agencies and structures used to manage forested lands in Alberta.

Course WLD2030: Outdoor Experiences 2 (Wilderness Excursion)

Students plan, prepare for and conduct an extended outdoor wilderness trip.

Course FOR2060: Measuring the Forest 2 (Sampling Techniques)

Students research current forest inventory practices, and demonstrate appropriate strategies for sampling the fibre and nonfibre values of forests.

Course FOR2070: Harvest Practices (Fibre Harvest & Processing)

Students research the steps involved in harvesting and processing the forest fibre resource.

Course FOR2100: Forests Forever 2 (Management Practices)

Students explain Alberta's forest management goals, and describe the current management practices used to address these goals.

Course FOR2120: Users in the Forest

Students identify different forest users, and explain the planning principles used to develop an integrated resource management plan.

Course FOR3010: Issues in Forestry

Students analyze current local and global issues in forest management, and demonstrate individual and shared actions that foster environmental stewardship.

Course FOR3060: Measuring the Forest 3 (Survey Applications)

Students explain management applications of data collected from a forest survey, and examine the role of technology in current forest inventory practices.

Course FOR3070: The Forest Marketplace

Students describe the range of consumer products and services derived from Canada's forests, and research the production and marketing of these forest products.

Course FOR3080: Forest Technology Applications

Students examine research and technological applications in the forest industry, and examine changing career opportunities in the forestry sector.

Course FOR3090: Forest Ecology 2 (Silvics & Succession)

Students investigate the interrelationships among soil, water, air, trees and the environment, and explain how forests change over time as a result of these interrelationships.

Course FOR3110: Silviculture (Growing the Forest)

Students demonstrate knowledge of the techniques used to establish, grow and harvest tree crops.

Course FOR3120: Integrated Resource Management (Balancing Needs)

Students develop and present an integrated plan for sustainable development of the forest resource.

