

**First Year - Semester 1 Fall**

- ☐ BIOL 1210 Principles of Biology 2\*
- ☐ ENGL 1100 Intro to University Writing\*
- ☐ NRSC 1120 Dendrology 1
- ☐ NRSC 1110 Science & Man. of Nat. Resources
- ☐ NRSC 2000 Introduction to Soils

**Second Year - Semester 3 Fall**

- ☐ CHEM 1500 Chemical Bonding/Organic Chemistry\*
- ☐ ANTH 2140 or ☐ 3270 ☐ 3280 ☐ 4040 ☐ TMGT 4700
- ☐ MATH 1000 or MATH 1150 or MATH 1140 (Calculus 1)\*
- ☐ NRSC 2200 Forest Ecology and Silvics 2
- ☐ NRSC 3000 Evolutionary Ecology of the Vertebrates

**Third Year - Semester 5 Fall**

- ☐ NRSC 3200 Silviculture\*
- ☐ NRSC 3260 Limnology
- ☐ NRSC 4020 Entomology\*
- ☐ NRSC 4030 Pathology\*
- ☐ NRSC 4110 Watershed Management

**Fourth Year - Semester 7 Fall**

- ☐ NRSC 3210 Range Management
- ☐ NRSC 4040 Wildlife Management 1
- ☐ NRSC 4100 Fisheries Management
- ☐ NRSC 4140 Natural Resource Policy & Planning
- ☐ Elective

**Total credits required: 120**

**\*Alternative Pathways:** Equivalents available through TRU Open Learning (OL)

**\*\*ECON:** Students take one of ECON 3710 Economics of the Environment, 3730 Forestry Economics (required for RPF), 3410 Economics of Climate Change or 3740 Land Use Economics – one or more of these courses may be scheduled in the fall. ECON 2631 Topics in Indigenous Economics is an OL option. Note that students can earn a Minor in Environmental Economics & Sustainable Development with 3 additional ECON courses.

**Recommended Electives:** AGSC 2200 Food Systems; NRSC 4250 Tropical Field Studies; TMGT 4700 Indigenous Tourism: Power, Politics & Peoples; FRST 3037 Forest Harvesting (required for RPF); FIRE 1000 Introduction to Wildfire; FIRE 1010 Wildfire Dynamics; FIRE 1020 Impacts of Wildfire (students that complete all 3 FIRE courses will earn the Wildfire Science Certificate).

**Professional Designation Eligibility:** Completion of the BNRS degree meets the entry-to-practice academic standards for Professional Agrologist (PAG) and Registered Professional Biologist (RPBio) designations in British Columbia. Students may also meet the requirements for Registered Professional Forester (RPF) with the selection of appropriate courses/electives (i.e., MATH 1150 or 1140, ECON 3730, FRST 3037). Note that an upper-level forest management course may also be required for RPF depending upon individual experience.

**First Year - Semester 2 Winter**

- ☐ BIOL 1110 Principles of Biology 1\*
- ☐ CMNS 2300 Writing for Science & Technology
- ☐ NRSC 1220 Dendrology 2
- ☐ NRSC 2100 Forest Ecology and Silvics 1
- ☐ NRSC 1500 Introduction to Climate Change Science

**Second Year - Semester 4 Winter**

- ☐ BIOL 3000 Biometrics\* (offered both fall & winter)
- ☐ ECON 1900 Microeconomics\* (offered both fall & winter)
- ☐ NRSC 2110 Forest Mensuration
- ☐ NRSC 3170 Ichthyology
- ☐ GEOG 2750 Geographic Information Systems

**Third Year - Semester 6 Winter**

- ☐ \*\*ECON 3710 or ☐ 3410 or ☐ 3740 or ☐ 3730 or 2631\*
- ☐ BIOL 3030 Population Biology
- ☐ NRSC 3110 Grassland Ecology
- ☐ NRSC 4130 Fire Ecology & Management
- ☐ NRSC 4300 Ecosystem Reclamation

**Fourth Year - Semester 8 Winter**

- ☐ NRSC 4230 Graduating Essay
- ☐ NRSC 4050 Wildlife Management 2
- ☐ NRSC 4210 Conflict Resolution in Natural Resources
- ☐ Elective
- ☐ Elective