

Thompson Rivers University

Course Requirements for the Bachelor of Natural Resource Science Degree

2023-2024 Program

First Year - Semester 1 Fall	
ENGL1100	Introduction to University Writing
NRSC 1110	The Science and Management of Natural Resources
NRSC 1120	Dendrology 1
BIOL 1110	Principles of Biology 1
NRSC 2000	Introduction to the Study of Soils
15 Credits	

First Year - Semester 2 Winter	
BIOL 1210	Principles of Biology 2
CMNS 2300	Critical Thinking and Writing for Science and Technology
NRSC 1220	Dendrology 2
NRSC 2100	Forest Ecology and Silvics 1
NRSC 1500	Introduction to Climate Change Science
15 Credits	

Second Year - Semester 3 Fall	
TMGT4700	Indigenous Tourism: Power, Politics and Peoples(or)
ANTH2140 **	Indigenous Peoples
CHEM1500	Chemical Bonding and Organic Chemistry
NRSC2200	Forest Ecology and Silvics 2
NRSC3000	Evolution and Diversity of the Vertebrates
MATH1000 *	Pre-Calculus
15 Credits	

Second Year - Semester 4 Winter	
ECON1900	Principles of Microeconomics
NRSC2110	Forest Mensuration
NRSC3170	Ichthyology
BIOL3000	Biometrics
GEOG2750	Geographic Information Systems
15 Credits	

Third Year - Semester 5 Fall	
NRSC3200	Silviculture
NRSC3260	Limnology
NRSC4020	Natural Resource Entomology
NRSC4030	Natural Resource Pathology
NRSC4110	Watershed Management
15 Credits	

Third Year - Semester 6 Winter	
ECON3710 ***	Environmental Economics
Elective	Any 3-credit course 1000 level or higher
NRSC3110	Grassland Ecology
BIOL3030	Population Biology
NRSC4300	Ecosystem Reclamation
15 Credits	

Fourth Year - Semester 7 Fall	
NRSC3210	Range Management
NRSC4040	Wildlife Management and Conservation 1
NRSC4100	Fisheries Management
NRSC4140	Natural Resource Policy and Planning
NRSC4130	Fire Ecology and Management
15 Credits	

Fourth Year - Semester 8 Winter	
Elective	Any 3-credit course that is 1000 level or higher.
NRSC4050	Wildlife Management and Conservation 2: Practice and Application
NRSC4210	Conflict Resolution in the Natural Resources
Elective	Any 3-credit course that is 1000 level or higher.
NRSC4230	Graduating Essay
15 Credits	

Minimum credits required to graduate: 120

Recommended Electives:

AGSC 2200 Food Systems at a Local Level and Beyond

* Note: Students will take one of MATH1000-Pre-Calculus or MATH1140-Calculus 1 or

MATH1150-Calculus for the Biological Sciences 1

** Note: Students will take one of ANTH 2140 (Indigenous Peoples), ANTH 3270 (Indigenous Natural Resource Management), ANTH 3228 (Indigenous Peoples in Comparative Perspective) or ANTH 4040 (People/Cultures N Amer Arctic)

*** Note: Students will take one of ECON 3710 (Economics of the Environment), 3730 (Forestry Economics), 3410 (Economics of Climate Change) or 3740 (Land Use Economics) – one or more of these courses may be scheduled in the fall semester