

FORESTRY MAJOR (2022/2023 AND LATER CATALOGUES)

SAMPLE EIGHT SEMESTER DEGREE PROGRAM AND DEGREE CHECKLIST

Below is a sample program provided to give you an idea about how to structure your coursework. It is recommended that you enroll in an average of 15 credits each semester. Your individual program may differ greatly based on the courses you take each semester including winter and summer term, requirements for minor and concentration, and numerous other factors. There are often alternate course choices to complete requirements. Your program should *include high impact learning practices such as internships, service-learning courses, research, and study abroad*. High impact learning practices are in **bold** below where they are embedded in the curriculum. Because of these individual variations, it is vitally important to meet with your Faculty Advisor at *least* once a semester!

ACADEMIC YEAR	FIRST SEMESTER		SECOND SEMESTER	
FIRST YEAR	NR 1 Natural History & Human Ecology 1 ¹	4	NR 2 Natural History & Human Ecology 2	4
	NR 5 Dialogue and Critical Reflection	1	NR 6 D1: Race & Culture in Natural Resources ³	3
	MATH 18 Basic Mathematics	3	ENGS 1 UVM Requirement	3
	RSENR General Education Requirement ²	3	PBIO 4 Intro to Botany ⁴	4
	CHEM 23 General Chemistry	4	FOR 95 Intro to Forestry and Wildlife Biology	1
	Total Hours	15	Total Hours	15
SOPHOMORE	RSENR General Education Requirement	3	NR 103 Ecology, Ecosystems & Environment	3
	UVM Diversity Requirement – D2	3	NR 140 Applied Environmental Statistics ⁵	4
	FOR 21 Dendrology	4	FOR 112 SL: Natural Resource Ecology & Assessment 2	4
	FOR 111 Natural Resource Ecology & Assessment 1	4	RSENR General Education Requirement	3
	NR 104 Social Processes & the Environment	3	Total Hours	14
	Total Hours	17		
★★ 3-credit internship (for FOR 195) recommended following Sophomore year during school year, over a break or over summer ★★				
JUNIOR	NR 205 Ecosystem Management	3	RSENR General Education Requirement	3
	PSS 161 Introduction to Soil Science	4	FOR 233 Management of Forest Woodlots	3
	FOR 223 Multi-Resource Silviculture	4	NR 143 Intro to Geographic Information Systems	3
	EC 12 Principles of Microeconomics ⁶	3	Elective	4
	Total Hours	14	Total Hours	13
SUMMER	FOR 122 Forest Ecosystem Analysis ⁷	4		
	Total Hours	4		
SENIOR	FOR 190 Forestry Internship Concentration ⁸	3	NR 206 SL: Environmental Problem Solving	4
	Concentration	3	FOR 272 Sustainable Mgmt Forest Ecosystems ¹⁰	4
	Elective	3	FOR 295: Wildland Fire ¹¹	3
	FOR 235 Forest Ecosystem Health ⁹	3	Concentration	3
	Total Hours	15	Total Hours	14
TOTAL MINIMUM DEGREE HOURS				121¹²

¹ Transfer students take NR 9 instead of NR 1 and NR 2.

² NR 021 Speaking and Listening, OR SPCH 011 Effective Speaking, or CALS 183 Communication Methods.

³ Transfer students can transfer their D1 course to fulfill NR 6 requirement.

⁴ Alternatively: BIOL 1 & 2/BCOR 11 & 12 first two semesters and General Education Requirement later.

⁵ STAT 141 Basic Statistical Methods (3 credits) is accepted as a substitute for the Forestry Statistics requirement.

⁶ NR/ENVS 141 Intro to Ecological Economics is also accepted for the Forestry Economics requirement.

⁷ FOR 122 Forest Ecosystem Analysis **offered only during the summer session**.

⁸ In lieu of concentration, students could study abroad or opt for a minor, such as Geospatial Technologies, or a second major.

⁹ Alternatively: PBIO 117 Plant Pathology (4 credits), PBIO 177 Biology of Fungi (4 credits), or PSS 106 Entomology & Pest Management (4 credits).

¹⁰ FOR 272 Sustainable Mgmt Forest Ecosystems is moved to fall semester effective fall 2023.

¹¹ FOR 295: Wildland Fire is now required and is offered in spring semester of the senior year effective spring 2023.

¹² Need 121 credits to graduate with a Forestry major.