FORESTRY (B.S.FORESTRY)

Students must have a minimum cumulative grade-point average of 2.00 in FOR courses to qualify for the B.S.Forestry.

Required course work includes the university requirements (see regulation J-3 (https://catalog.uidaho.edu/general-requirements-academic-procedures/j-general-requirements-baccalaureate-degrees/)) and:

BIOL 114Organisms and Environments4ECON 202Principles of Microeconomics3ENT 469Introduction to Forest Insects2FOR 102Introduction to Forest Management2FOR 220Forest Biology & Dendrology3FOR 221Principles of Ecology3FOR 235Society and Natural Resources3FOR 274Forest Measurement and Inventory3FOR 325Forest Regeneration3FOR 330Terrestrial Ecosystem Ecology4FOR 375Fundamentals of Geomatics3FOR 424Silviculture Principles and Practices4FOR 452Watershed Science and Management3FOR 468Forest Policy and Administration2FOR 493Business of Forestry2MATH 144Precalculus II: Trigonometry 11NR 101Exploring Natural Resources2NRS 383Natural Resource and Ecosystem Service3SOIL 205The Soil Ecosystem Lab1STAT 251Statistical Methods3Select one of the following:4CHEM 101Introduction to Chemistry 4101MATH 114General Chemistry 13Select one of the following emphases:4General Chemistry 1and Fundamentals of Physics LabPHYS 110Fundamentals of Physics Lab1PHYS 111General Chemistry 14FOR 493Fire Ecology4Select one of the following emphases:6<	Code	Title	Hours
ENT 469Introduction to Forest Insects2FOR 102Introduction to Forest Management2FOR 220Forest Biology & Dendrology3FOR 221Principles of Ecology3FOR 230Forest Operations I2FOR 235Society and Natural Resources3FOR 274Forest Measurement and Inventory3FOR 275Forestry Resource Sampling2FOR 324Forest Regeneration3FOR 330Terrestrial Ecosystem Ecology4FOR 424Silviculture Principles and Practices4FOR 452Watershed Science and Management3FOR 462Watershed Science and Management3FOR 468Forest Operations II2FOR 459Business of Forestry2FOR 468Forest Policy and Administration2FOR 493Business of Forestry2MATH 144Precalculus II: Trigonometry 11NR 101Exploring Natural Resources2NRS 383Natural Resource and Ecosystem Service Economics3SOL 205The Soil Ecosystem Lab1STAT 251Statistical Methods3Select one of the following:4PHYS 100Fundamentals of Physics LabPHYS 100Fundamentals of Physics LabPHYS 100Fundamentals of Physics LabPHYS 101General Physics I LabPHYS 101General Physics I LabSelect one of the following emphases: General Forestry Emphasis (p. 1) <td>BIOL 114</td> <td>Organisms and Environments</td> <td>4</td>	BIOL 114	Organisms and Environments	4
FOR 102Introduction to Forest Management2FOR 220Forest Biology & Dendrology3FOR 221Principles of Ecology3FOR 230Forest Operations I2FOR 235Society and Natural Resources3FOR 274Forest Measurement and Inventory3FOR 325Forest Regeneration3FOR 330Terrestrial Ecosystem Ecology4FOR 375Fundamentals of Geomatics3FOR 424Silviculture Principles and Practices4FOR 439Forest Operations II2FOR 462Watershed Science and Management3FOR 468Forest and Plant Pathology2FOR 459Business of Forestry2MATH 144Precalculus II: Trigonometry 11NR 101Exploring Natural Resources3SOIL 205The Soil Ecosystem Lab1SOIL 205The Soil Ecosystem Lab1SOIL 206The Soil Ecosystem Lab1Select one of the following:4PHYS 100Fundamentals of Physics Lab4PHYS 100Fundamentals of Physics Lab4PHYS 100Fundamentals of Physics Lab4PHYS 100Fundamentals of Physics Lab4PHYS 111General Physics I Lab5Euclid Cone of the following emphases:General Forestry Emphasis (p. 1)	ECON 202	Principles of Microeconomics	3
FOR 220Forest Biology & Dendrology3FOR 221Principles of Ecology3FOR 230Forest Operations I2FOR 235Society and Natural Resources3FOR 274Forest Measurement and Inventory3FOR 275Forest Regeneration3FOR 330Terrestrial Ecosystem Ecology4FOR 375Fundamentals of Geomatics3FOR 424Silviculture Principles and Practices4FOR 439Forest Operations II2FOR 462Watershed Science and Management3FOR 468Forest and Plant Pathology2FOR 493Business of Forestry2MATH 143College Algebra 13MATH 144Precalculus II: Trigonometry 11NR 101Exploring Natural Resources2NRS 383Natural Resource and Ecosystem Service Economics3Soll 205The Soil Ecosystem Lab1STAT 251Statistical Methods3Select one of the following:4PHYS 100Fundamentals of Physics & 100L4PHYS 110General Chemistry I Laboratory4Select one of the following:4PHYS 111General Physics I LabEmphasisSelect one of the following emphases: General Physics I LabEmphasisGeneral Physics I LabEmphasisGeneral Physics I Lab	ENT 469	Introduction to Forest Insects	2
FOR 221Principles of Ecology3FOR 230Forest Operations I2FOR 235Society and Natural Resources3FOR 274Forest Measurement and Inventory3FOR 275Forestry Resource Sampling2FOR 324Forest Regeneration3FOR 330Terrestrial Ecosystem Ecology4FOR 375Fundamentals of Geomatics3FOR 424Silviculture Principles and Practices4FOR 439Forest Operations II2FOR 462Watershed Science and Management3FOR 468Forest and Plant Pathology2FOR 493Business of Forestry2MATH 143College Algebra ¹ 3MATH 144Precalculus II: Trigonometry ¹ 1NR 101Exploring Natural Resources2NRS 383Natural Resource and Ecosystem Service Economics3SOIL 205The Soil Ecosystem Lab1STAT 251Statistical Methods3Select one of the following: & 101L4PHYS 100Fundamentals of Physics & 100Land Fundamentals of Physics LabPHYS 111General Physics I LabEmphasisSelect one of the following emphases: & 100Land Fundamentals of Physics LabFIREstSelect one of the following emphases: & 100LGeneral Physics I Lab	FOR 102	Introduction to Forest Management	2
FOR 230Forest Operations I2FOR 235Society and Natural Resources3FOR 274Forest Measurement and Inventory3FOR 275Forest Regeneration3FOR 324Forest Regeneration3FOR 330Terrestrial Ecosystem Ecology4FOR 375Fundamentals of Geomatics3FOR 424Silviculture Principles and Practices4FOR 439Forest Operations II2FOR 462Watershed Science and Management3FOR 468Forest and Plant Pathology2FOR 493Business of Forestry2FOR 493Business of Forestry2MATH 144Precalculus II: Trigonometry 11NR 101Exploring Natural Resources2NRS 383Natural Resource and Ecosystem Service Economics3SOIL 205The Soil Ecosystem Lab1STAT 251Statistical Methods3Select one of the following:4PHYS 100Fundamentals of Physics & 100Land Fundamentals of Physics LabPHYS 111General Chemistry I & 111Land General Physics I LabFundamentals of Physics I LabSelect one of the following emphases:General Forestry Emphasis (p. 1)	FOR 220	Forest Biology & Dendrology	3
FOR 235Society and Natural Resources3FOR 274Forest Measurement and Inventory3FOR 275Forest Regeneration3FOR 324Forest Regeneration3FOR 330Terrestrial Ecosystem Ecology4FOR 375Fundamentals of Geomatics3FOR 424Silviculture Principles and Practices4FOR 439Forest Operations II2FOR 462Watershed Science and Management3FOR 468Forest and Plant Pathology2FOR 493Business of Forestry2MATH 143College Algebra 13MATH 144Precalculus II: Trigonometry 11NR 101Exploring Natural Resources2NRS 383Natural Resource and Ecosystem Service Economics3SOIL 205The Soil Ecosystem Lab1STAT 251Statistical Methods3Select one of the following:4CHEM 101Introduction to Chemistry Laboratory4CHEM 111General Chemistry I Laboratory4PHYS 100Fundamentals of Physics & 100L4PHYS 110General Physics I Lab4PHYS 111General Physics I Lab4EmphasisSelect one of the following:4FOR 402Fundamentals of Physics I Lab5EmphasisGeneral Physics I Lab5EmphasisGeneral Physics I Lab5EmphasisGeneral Physics I Lab5EmphasisGeneral Physics I Lab5 <td>FOR 221</td> <td>Principles of Ecology</td> <td>3</td>	FOR 221	Principles of Ecology	3
FOR 274Forest Measurement and Inventory3FOR 275Forestry Resource Sampling2FOR 324Forest Regeneration3FOR 330Terrestrial Ecosystem Ecology4FOR 375Fundamentals of Geomatics3FOR 424Silviculture Principles and Practices4FOR 439Forest Operations II2FOR 462Watershed Science and Management3FOR 468Forest and Plant Pathology2FOR 484Forest Policy and Administration2FOR 493Business of Forestry2MATH 143College Algebra 13MATH 144Precalculus II: Trigonometry 11NR 101Exploring Natural Resources2NRS 383Natural Resource and Ecosystem Service Economics3SOIL 205The Soil Ecosystem Lab1STAT 251Statistical Methods3Select one of the following:4PHYS 100Fundamentals of Physics & 101L4PHYS 100Fundamentals of Physics Lab2PHYS 111General Physics I Lab4FUENTINGeneral Physics I Lab4Fundamentals of Physics I Lab4Emphasis5Select one of the following:4PHYS 111General Physics I LabFundamentals of Physics I Lab5Emphasis5Select one of the following:4FUENTINGeneral Physics I LabFUENTINGeneral Physics I LabFUENTIN	FOR 230	Forest Operations I	2
FOR 275Forestry Resource Sampling2FOR 324Forest Regeneration3FOR 320Terrestrial Ecosystem Ecology4FOR 375Fundamentals of Geomatics3FOR 424Silviculture Principles and Practices4FOR 439Forest Operations II2FOR 462Watershed Science and Management3FOR 462Watershed Science and Management3FOR 463Forest nd Plant Pathology2FOR 493Business of Forestry2MATH 143College Algebra 13MATH 144Precalculus II: Trigonometry 11NR 101Exploring Natural Resources2NRS 383Natural Resource and Ecosystem Service Economics3SOIL 205The Soil Ecosystem3SOIL 205The Soil Ecosystem Lab1STAT 251Statistical Methods3Select one of the following:4PHYS 100Fundamentals of Physics & 101L4PHYS 111General Chemistry I & 101Land Erodysten I and General Chemistry I & 111LPHYS 111General Physics I & 111L4PHYS 111General Physics I LabEmphasisSelect one of the following:4PHYS 111General Physics I LabEmphasisSelect one of the following emphases: General Forestry Emphasis (p. 1)	FOR 235	Society and Natural Resources	3
FOR 324Forest Regeneration3FOR 330Terrestrial Ecosystem Ecology4FOR 375Fundamentals of Geomatics3FOR 424Silviculture Principles and Practices4FOR 439Forest Operations II2FOR 462Watershed Science and Management3FOR 468Forest and Plant Pathology2FOR 484Forest Policy and Administration2FOR 493Business of Forestry2MATH 143College Algebra 13MATH 144Precalculus II: Trigonometry 11NR 101Exploring Natural Resources2NRS 383Natural Resource and Ecosystem Service Economics3SOIL 205The Soil Ecosystem Lab1STAT 251Statistical Methods3Select one of the following:4PHYS 100Fundamentals of Physics & 100L4PHYS 111General Chemistry I & 111Land General Chemistry I & 111LAnd Fundamentals of Physics I Lab2EmphasisSelect one of the following:4PHYS 111General Physics I Lab4EmphasisGeneral Physics I Lab5Encologi SSolle Cone of the following Emphases: General Forestry Emphasis (p. 1)	FOR 274	Forest Measurement and Inventory	3
FOR 330Terrestrial Ecosystem Ecology4FOR 375Fundamentals of Geomatics3FOR 424Silviculture Principles and Practices4FOR 439Forest Operations II2FOR 462Watershed Science and Management3FOR 468Forest and Plant Pathology2FOR 468Forest Policy and Administration2FOR 493Business of Forestry2MATH 143College Algebra 13MATH 144Precalculus II: Trigonometry 11NR 101Exploring Natural Resources2NRS 383Natural Resource and Ecosystem Service Economics3FIRE 144Wildland Fire Management3or FIRE 326Fire Ecology3SOIL 205The Soil Ecosystem Lab1STAT 251Statistical Methods3Select one of the following:4CHEM 101Introduction to Chemistry & 101L4PHYS 100Fundamentals of Physics & 100L4PHYS 111General Chemistry I Laboratory4PHYS 111General Physics I Lab4PHYS 111General Physics I Lab5Encidesi3Select one of the following emphases:General Prostry Emphasis (p. 1)	FOR 275	Forestry Resource Sampling	2
FOR 375Fundamentals of Geomatics3FOR 375Fundamentals of Geomatics4FOR 424Silviculture Principles and Practices4FOR 439Forest Operations II2FOR 462Watershed Science and Management3FOR 468Forest and Plant Pathology2FOR 484Forest Policy and Administration2FOR 493Business of Forestry2MATH 143College Algebra 13MATH 144Precalculus II: Trigonometry 11NR 101Exploring Natural Resources2NRS 383Natural Resource and Ecosystem Service Economics3FIRE 144Wildland Fire Management3or FIRE 326Fire Ecology3SOIL 205The Soil Ecosystem Lab1STAT 251Statistical Methods3Select one of the following:4CHEM 101Introduction to Chemistry LaboratoryCHEM 111General Chemistry I & 101Land General Chemistry I LaboratorySelect one of the following:4PHYS 100Fundamentals of Physics LabPHYS 111General Physics I LabEmphasisSelect one of the following emphases:General Forestry Emphasis (p. 1)	FOR 324	Forest Regeneration	3
FOR 424Silviculture Principles and Practices4FOR 439Forest Operations II2FOR 462Watershed Science and Management3FOR 468Forest and Plant Pathology2FOR 468Forest and Plant Pathology2FOR 484Forest Policy and Administration2FOR 493Business of Forestry2MATH 143College Algebra 13MATH 144Precalculus II: Trigonometry 11NR 101Exploring Natural Resources2NRS 383Natural Resource and Ecosystem Service Economics3FIRE 144Wildland Fire Management3or FIRE 326Fire Ecology3SOIL 205The Soil Ecosystem Lab1STAT 251Statistical Methods3Select one of the following:4CHEM 101Introduction to Chemistry Laboratory& 111Land General Chemistry I LaboratorySelect one of the following:4PHYS 100Fundamentals of Physics Lab& 111Land General Physics I LabPHYS 111General Physics I LabPHYS 111General Physics I LabSelect one of the following emphases:General Forestry Emphasis (p. 1)	FOR 330	Terrestrial Ecosystem Ecology	4
FOR 439Forest Operations II2FOR 462Watershed Science and Management3FOR 468Forest and Plant Pathology2FOR 468Forest Policy and Administration2FOR 493Business of Forestry2MATH 143College Algebra 13MATH 144Precalculus II: Trigonometry 11NR 101Exploring Natural Resources2NRS 383Natural Resource and Ecosystem Service Economics3FIRE 144Wildland Fire Management3or FIRE 326Fire Ecology3SOIL 205The Soil Ecosystem Lab1STAT 251Statistical Methods3Select one of the following:4CHEM 101Introduction to Chemistry Laboratory& 111Land General Chemistry I LaboratorySelect one of the following:4PHYS 100Fundamentals of Physics Lab# 111Land General Physics I Lab# 111Land General Physics I Lab# 111Land General Physics I LabSelect one of the following emphases:General Forestry Emphasis (p. 1)	FOR 375	Fundamentals of Geomatics	3
FOR 462Watershed Science and Management3FOR 468Forest and Plant Pathology2FOR 484Forest Policy and Administration2FOR 493Business of Forestry2MATH 143College Algebra 13MATH 144Precalculus II: Trigonometry 11NR 101Exploring Natural Resources2NRS 383Natural Resource and Ecosystem Service Economics3FIRE 144Wildland Fire Management3or FIRE 326Fire Ecology3SOIL 205The Soil Ecosystem Lab1STAT 251Statistical Methods3Select one of the following:4CHEM 101Introduction to Chemistry & 101L4PHYS 100Fundamentals of Physics & 100L4PHYS 111General Chemistry I & 111Land General Physics I LabPHYS 111General Physics I Lab4PHYS 111General Physics I Lab5EmphasisSelect one of the following emphases:6General Forestry Emphasis (p. 1)1	FOR 424	Silviculture Principles and Practices	4
FOR 468Forest and Plant Pathology2FOR 484Forest Policy and Administration2FOR 493Business of Forestry2MATH 143College Algebra 13MATH 144Precalculus II: Trigonometry 11NR 101Exploring Natural Resources2NRS 383Natural Resource and Ecosystem Service Economics3FIRE 144Wildland Fire Management soll 2053SOIL 205The Soil Ecosystem Lab1STAT 251Statistical Methods3Select one of the Following:4CHEM 101Introduction to Chemistry Laboratory& 101Land Introduction to Chemistry LaboratorySelect one of the Following:4PHYS 100Fundamentals of Physics & 100Land Fundamentals of Physics Lab4PHYS 111General Physics I Lab& 111Land General Physics I LabSelect one of the following emphases:General Forestry Emphasis (p. 1)	FOR 439	Forest Operations II	2
FOR 468Forest and Plant Pathology2FOR 484Forest Policy and Administration2FOR 493Business of Forestry2MATH 143College Algebra 13MATH 144Precalculus II: Trigonometry 11NR 101Exploring Natural Resources2NRS 383Natural Resource and Ecosystem Service Economics3FIRE 144Wildland Fire Management soll 2053SOIL 205The Soil Ecosystem Lab1STAT 251Statistical Methods3Select one of the Following:4CHEM 101Introduction to Chemistry Laboratory& 101Land Introduction to Chemistry LaboratorySelect one of the Following:4PHYS 100Fundamentals of Physics & 100Land Fundamentals of Physics Lab4PHYS 111General Physics I Lab& 111Land General Physics I LabSelect one of the following emphases:General Forestry Emphasis (p. 1)	FOR 462	Watershed Science and Management	3
FOR 493Business of Forestry2MATH 143College Algebra 13MATH 144Precalculus II: Trigonometry 11NR 101Exploring Natural Resources2NRS 383Natural Resource and Ecosystem Service Economics3FIRE 144Wildland Fire Management or FIRE 3263SOIL 205The Soil Ecosystem Lab1STAT 251Statistical Methods3Select one of the Following:4CHEM 101Introduction to Chemistry & 101L4CHEM 101and Introduction to Chemistry Laboratory& 11Land General Chemistry I LaboratorySelect one of the Following:4PHYS 100Fundamentals of Physics LabPHYS 111General Physics I LabPHYS 111General Physics I LabSelect one of the following emphases:5General Forestry Emphasis (p. 1)	FOR 468		2
MATH 143College Algebra 13MATH 144Precalculus II: Trigonometry 11NR 101Exploring Natural Resources2NRS 383Natural Resource and Ecosystem Service Economics3FIRE 144Wildland Fire Management or FIRE 3263SOIL 205The Soil Ecosystem Lab1STAT 251Statistical Methods3Select one of the following: & 101L4CHEM 101Introduction to Chemistry & 101L4CHEM 111General Chemistry I & 111L4PHYS 100Fundamentals of Physics & 100L4PHYS 111General Physics I & 111L4PHYS 111General Physics I Lab5EmphasisSelect one of the following emphases: General Forestry Emphasis (p. 1)1	FOR 484	Forest Policy and Administration	2
MATH 144Precalculus II: Trigonometry 11NR 101Exploring Natural Resources2NRS 383Natural Resource and Ecosystem Service Economics3FIRE 144Wildland Fire Management3or FIRE 326Fire Ecology3SOIL 205The Soil Ecosystem Lab1STAT 251Statistical Methods3Select one of the Following:4CHEM 101Introduction to Chemistry & 101L4K111LGeneral Chemistry I & 111L4PHYS 100Fundamentals of Physics & 100L4PHYS 111General Physics I & 111L4PHYS 111General Physics I Lab4Fundamentals of Physics I Lab55Select one of the Following emphases:65General Forestry Emphasis (p. 1)51	FOR 493	Business of Forestry	2
NR 101Exploring Natural Resources2NRS 383Natural Resource and Ecosystem Service Economics3FIRE 144Wildland Fire Management or FIRE 3263or FIRE 326Fire Ecology3SOIL 205The Soil Ecosystem Lab3SOIL 206The Soil Ecosystem Lab1STAT 251Statistical Methods3Select one of the Following:4CHEM 101Introduction to Chemistry & 101L4CHEM 111General Chemistry I & 101L4PHYS 100Fundamentals of Physics & 100L4PHYS 100Fundamentals of Physics Lab4PHYS 111General Physics I & 111L4PHYS 111General Physics I Lab5EmphasisSelect one of the Following emphases: General Forestry Emphasis (p. 1)1	MATH 143	College Algebra ¹	3
NR 101Exploring Natural Resources2NRS 383Natural Resource and Ecosystem Service Economics3FIRE 144Wildland Fire Management or FIRE 3263or FIRE 326Fire Ecology3SOIL 205The Soil Ecosystem Lab3SOIL 206The Soil Ecosystem Lab1STAT 251Statistical Methods3Select one of the Following:4CHEM 101Introduction to Chemistry & 101L4CHEM 111General Chemistry I & 101L4PHYS 100Fundamentals of Physics & 100L4PHYS 100Fundamentals of Physics Lab4PHYS 111General Physics I & 111L4PHYS 111General Physics I Lab5EmphasisSelect one of the Following emphases: General Forestry Emphasis (p. 1)1	MATH 144	Precalculus II: Trigonometry ¹	1
EconomicsFIRE 144Wildland Fire Management3or FIRE 326Fire Ecology3SOIL 205The Soil Ecosystem3SOIL 206The Soil Ecosystem Lab1STAT 251Statistical Methods3Select one of the Following:4CHEM 101Introduction to Chemistry& 101Land Introduction to Chemistry LaboratoryCHEM 111General Chemistry I& 111Land General Chemistry I LaboratorySelect one of the Following:4PHYS 100Fundamentals of Physics LabPHYS 101General Physics I LabPHYS 111General Physics I LabFumphasisand General Physics I Lab	NR 101		2
or FIRE 326Fire EcologySOIL 205The Soil Ecosystem3SOIL 206The Soil Ecosystem Lab1STAT 251Statistical Methods3Select one of the Following:4CHEM 101Introduction to Chemistry& 101Land Introduction to Chemistry LaboratoryCHEM 111General Chemistry I& 111Land General Chemistry I LaboratorySelect one of the Following:4PHYS 100Fundamentals of Physics& 100Land Fundamentals of Physics LabPHYS 111General Physics I& 111Land General Physics I LabEmphasisSelect one of the Following emphases:General Forestry Emphasis (p. 1)	NRS 383		3
SOIL 205The Soil Ecosystem3SOIL 206The Soil Ecosystem Lab1STAT 251Statistical Methods3Select one of the following:4CHEM 101Introduction to Chemistry & 101L4CHEM 111General Chemistry I & 111L4CHEM 111General Chemistry I LaboratorySelect one of the following:4PHYS 100Fundamentals of Physics & 100L4PHYS 111General Physics I & 111LBeneral Physics I Lab5Emphasis5Select one of the following emphases:6General Forestry Emphasis (p. 1)1	FIRE 144	Wildland Fire Management	3
SOIL 206The Soil Ecosystem Lab1STAT 251Statistical Methods3Select one of the following:4CHEM 101Introduction to Chemistry and Introduction to Chemistry LaboratoryCHEM 111General Chemistry I & 111L& 111Land General Chemistry I LaboratorySelect one of the following:4PHYS 100Fundamentals of Physics & 100L& 100Land Fundamentals of Physics LabPHYS 111General Physics I LabEmphasis5Select one of the following emphases:General Forestry Emphasis (p. 1)	or FIRE 326	Fire Ecology	
STAT 251Statistical Methods3Select one of the following:4CHEM 101Introduction to Chemistry and Introduction to Chemistry LaboratoryCHEM 111General Chemistry I & 111L& 111Land General Chemistry I LaboratorySelect one of the following:4PHYS 100Fundamentals of Physics & 100L& 100Land Fundamentals of Physics LabPHYS 111General Physics I and General Physics I LabEmphasisSelect one of the following emphases:General Forestry Emphasis (p. 1)	SOIL 205	The Soil Ecosystem	3
Select one of the following: 4 CHEM 101 Introduction to Chemistry & 101L and Introduction to Chemistry Laboratory CHEM 111 General Chemistry I & 111L and General Chemistry I Laboratory Select one of the following: 4 PHYS 100 Fundamentals of Physics & 100L and Fundamentals of Physics Lab PHYS 111 General Physics I & 111L and General Physics I Select one of the following emphases: 5 General Forestry Emphasis (p. 1) 1	SOIL 206	The Soil Ecosystem Lab	1
CHEM 101Introduction to Chemistry& 101Land Introduction to Chemistry LaboratoryCHEM 111General Chemistry I& 111Land General Chemistry I LaboratorySelect one of the following:4PHYS 100Fundamentals of Physics& 100Land Fundamentals of Physics LabPHYS 111General Physics I& 111Land General Physics I LabEmphasisSelect one of the following emphases:General Forestry Emphasis (p. 1)	STAT 251	Statistical Methods	3
& 101Land Introduction to Chemistry LaboratoryCHEM 111General Chemistry I& 111Land General Chemistry I LaboratorySelect one of the Following:4PHYS 100Fundamentals of Physics& 100Land Fundamentals of Physics LabPHYS 111General Physics I& 111Land General Physics I LabEmphasisSelect one of the Following emphases:General Forestry Emphasis (p. 1)	Select one of the	following:	4
& 111L and General Chemistry I Laboratory Select one of the Following: 4 PHYS 100 Fundamentals of Physics & 100L and Fundamentals of Physics Lab PHYS 111 General Physics I & 111L and General Physics I Lab Emphasis Select one of the Following emphases: General Forestry Emphasis (p. 1) 6		-	
Select one of the following: 4 PHYS 100 Fundamentals of Physics & 100L and Fundamentals of Physics Lab PHYS 111 General Physics I & 111L and General Physics I Lab Emphasis Select one of the following emphases: General Forestry Emphasis (p. 1) 6		-	
PHYS 100Fundamentals of Physics& 100Land Fundamentals of Physics LabPHYS 111General Physics I& 111Land General Physics I LabEmphasisSelect one of the following emphases:General Forestry Emphasis (p. 1)	Select one of the		4
& 111L and General Physics I Lab Emphasis Select one of the following emphases: General Forestry Emphasis (p. 1)	PHYS 100	Fundamentals of Physics	
Emphasis Select one of the following emphases: General Forestry Emphasis (p. 1)		General Physics I	
Select one of the following emphases: General Forestry Emphasis (p. 1)	Emphasis	-	
General Forestry Emphasis (p. 1)	-	following emphases:	

A. General Forestry Emphasis	
Total Hours	79
Forest Hydrology & Watershed Management Emphasis (p. 1)	
Forest Biology Emphasis (p. 1)	

Code	Title	Hours
Select 18 c	redits of advisor approved electives	18
Total Hours	6	18

B. Forest Operations Emphasis

Code	Title	Hours
FOR 431	Low Volume Forest Roads	2
FOR 436	Steep Slope Logging Systems	2
FSP 100	Introduction to Forest and Sustainable Products	2
FSP 321	Properties of Forest and Sustainable Products	3
FSP 444	Primary Forest Products Manufacturing	3
ACCT 201	Introduction to Financial Accounting	3
Total Hours		15

C. Forest Biology Emphasis

Code	Title	Hours
BIOL 115 & 115L	Cells and the Evolution of Life and Cells and the Evolution of Life Laboratory	4
BIOL 213	Structure and Function Across the Tree of Life	4
CHEM 112 & 112L	General Chemistry II and General Chemistry II Laboratory	5
CHEM 275	Carbon Compounds	3
or CHEM 277	Organic Chemistry I	
MATH 160	Survey of Calculus	4
or MATH 170	Calculus I	
WLF 370	Management and Communication of Scientific Data	3
Select two course	es from the following list:	6
BIOL 314	Ecology and Population Biology	
FOR 443	Forest Production Ecology	
GEOG 313	Global Climate Change	
GEOG 410	Biogeography	
GEOG 430	Climate Change Ecology	
REM 440	Restoration Ecology	
WLF 440	Conservation Biology	
Total Hours		29

D. Forest Hydrology & Watershed Management Emphasis

Code	Title	Hours
GEOL 111	Physical Geology for Science Majors	3
MATH 170	Calculus I	4
MATH 175	Calculus II	4
PHYS 112 & 112L	General Physics II and General Physics II Lab	4
STAT 301	Probability and Statistics	3
Select one course from the following: 3-		3-4

Total Hours		33-34
SOIL 452	Environmental Water Quality	
SOIL 450	Environmental Hydrology	
SOIL 415	Soil and Environmental Physics	
HYDR 409	Quantitative Hydrogeology	
GEOL 309	Ground Water Hydrology	
GEOG 301	Meteorology	
Select two cour	ses from the following:	6
GEOG 479	GIS Programming	
GEOG 475	Intermediate GIS	
GEOG 424	Hydrologic Applications of GIS and Remote Sensing	
GEOG 385	Foundations of GIS	
Select two cour	ses from the following:	6
FISH 430	Riparian and River Ecology	
FISH 415	Limnology	

Courses to total 120 credits for this degree

1

A SAT math score of 610 or above, or ACT math score of 27 or above, can be used to satisfy the MATH 143 and MATH 144 requirements.

Fall Term 1		Hours
BIOL 114	Organisms and Environments	4
ENGL 101	Writing and Rhetoric I	3
MATH 143	College Algebra	3
MATH 144	Precalculus II: Trigonometry	1
NR 101	Exploring Natural Resources (General Education Requirement)	2
	Hours	13
Spring Term 1		
ENGL 102	Writing and Rhetoric II	3
FOR 102	Introduction to Forest Management	2
Oral Communication Cour	se	3
(CHEM 101 AND CHEM 10	1L) OR (CHEM 111 AND CHEM 111L)	4
FIRE 326 OR FIRE 144		3
	Hours	15
Fall Term 2		
FOR 230	Forest Operations I	2
FOR 274	Forest Measurement and Inventory	3
SOIL 205	The Soil Ecosystem	3
SOIL 206	The Soil Ecosystem Lab	1
STAT 251	Statistical Methods	3
(PHYS 100 AND PHYS 100	DL) OR (PHYS 111 AND PHYS 111L)	4
	Hours	16
Spring Term 2		
ECON 202	Principles of Microeconomics	3
FOR 221	Principles of Ecology	3
FOR 275	Forestry Resource Sampling	2
NRS 235	Society and Natural Resources	3
Humanistic and Artistic W	lays of Knowing Course	3
American Diversity Course	2	3
	Hours	17
Fall Term 3		
FOR 220	Forest Biology & Dendrology	3
FOR 375	Fundamentals of Geomatics	3
International Course		3
Emphasis Area, Major Ele	ctive Course	3

	Hours	15
Spring Term 3		
FOR 324	Forest Regeneration	3
FOR 330	Terrestrial Ecosystem Ecology	4
NRS 383	Natural Resource and Ecosystem Service Economics	3
Humanistic and Arti	istic Ways of Knowing Course	3
Emphasis Area, Maj	or Elective Course	з
	Hours	16
Fall Term 4		
FOR 424	Silviculture Principles and Practices	4
FOR 439	Forest Operations II	2
FOR 493	Business of Forestry	2
Emphasis Area, Major Elective Course		3
Emphasis Area, Maj	or Elective Course	3
	Hours	14
Spring Term 4		
ENT 469	Introduction to Forest Insects	2
FOR 468	Forest and Plant Pathology	2
FOR 484	Forest Policy and Administration	2
FOR 462	Watershed Science and Management	3
Emphasis Area, Major Elective Course		3
Elective Course		2
	Hours	14
	Total Hours	120

The degree map is a guide for the timely completion of your curricular requirements. Your academic advisor or department may be contacted for assistance in interpreting this map. This map is not reflective of your academic history or transcript and it is not official notification of completion of degree or certificate requirements. Please contact the Registrar's Office regarding your official degree/certificate completion status.

- Graduates will be able to conduct forest resource inventories and perform field measurements of forest ecosystems, providing the foundation for making science-based management decisions.
- Graduates will be able to think critically, and will have the skills to develop, evaluate, synthesize, and apply scientific knowledge (i.e., biological, physical, and socioeconomic) from a variety of sources (i.e., scientific literature, technologies, and expert advice) to evaluate and justify forest management decisions and management alternatives.
- Graduates will be able to communicate plans and decisions effectively in light of existing policies and laws by listening actively, formulating, articulating, and explaining ideas clearly using both oral and written techniques.
- Graduates will be able to work effectively as an individual and collaboratively with teams of people, including effective leadership of groups working toward a common goal.