

Forestry Major
(125 credit hours)

University Core Requirements: 33 Credits

Math 1100 College Algebra.....	3
Eng 1000 Exposition and Argumentation.....	3
Math 1400 Calculus for Social and Natural Sciences I.....	3
Chem 1100 Atoms and Molecules.....	3
Biochem 2110 The Living World: Molecular Scale.....	3
Hist 1100 Survey of American History to 1865.....	3 OR
Hist 1200 Survey of American History Since 1865.....	3 OR
PolSc 1100 American Government.....	3 OR
PolSc 1700 Introduction to Political Science.....	3
Ag Econ 1041 Applied Macroeconomics.....	3 OR
Ag Econ 1042 Applied Microeconomics OR	3 OR
Ag Econ 2070 Environmental Management Strategy.....	3
PRT 3231 Principles of Interpretative Outdoor Recreation.....	3
Humanities and Fine Arts Electives.....	9

Departmental Core-Science: 16-18 Credits

Bio Sci 1200 General Botany.....	5 OR
Plant Science 2110 Plant Growth and Culture.....	3 AND
Plant Science 2120 Plant Sci Lab.....	1
Geology 1100 Principles of Geology.....	4 OR
Geology 1200 Environmental Geology.....	4
Soils 2100 Intro to Soils.....	3 AND
Soils 2106 Soil Science Lab.....	2
Physics 1210 College Physics.....	4 OR
Atm Sci 1050 Intro. Meteorology.....	3

Departmental Core-Professional: 32 Credits

Nat R 1070 Ecology and Renewable Resource Mgmt.	3
Nat R 4325 Introduction to Geographic Information Systems.....	3
Stat 2530 Statistical Methods in Natural Resources.....	3
Nat R 3110 Natural Resource Biometrics.....	3
Nat R 4353 Resource Policy & Administration.....	3
Nat R 4970 Resource Practicum.....	3
Forest 2151 Dendrology.....	4
Forest 4320 Forest Ecology.....	5
Forest 4330 Practice of Silviculture.....	3
Forest 4390 Watershed Mgmt and Water Quality.....	3

Departmental Core-Summer Field Studies: 6 Credits

Forest 2540 Forest Hydrology Field Studies.....	1
Forest 2541 Forest Utilization.....	1
Forest 2542 Forest Measurement and Inventory.....	1
Forest 2543 Forest Ecology Field Studies.....	1
Forest 2544 Introduction to Silviculture and Management.....	1
Forest 2545 Forest Management Planning.....	1

Emphasis Area Requirements-Forest Resource Management: 25 Credits

Forest 3240 Wood Technology 3
Forest 4340 Tree Physiology 3
Forest 4360 Forest Information Systems 3
Forest 4380 Forest Resource Management 3
Forest 4350 Forest Economics 3
F&W 4600 Ecosystem Management..... 4
Forest 3212 Forest Health and Protection 4
Forest 3207 Forest Fire Control and Use 2
Undesignated electives to total 125 hours

Emphasis Area Requirements-Urban Forestry: 25 Credits

Forest 3212 Forest Health and Protection4
Forest 3290 Urban Forestry2
Forest 4340 Tree Physiology3
Pl Sci 2210 Ornamental Woody Plants I.....3
Pl Sci 3230 Plant Propagation3
Pl Sci 2254 Landscape Design3
Pl Sci 3255 Landscape Maintenance3
Pl Sci 4350 Nursery Crop Production and Management4
Undesignated electives to total 125 hours

Emphasis Area Requirements-Industrial Forest Management: 21 Credits

Forest 3240 Wood Technology 3
Forest 4360 Forest Information Systems 3
Forest 4380 Forest Resource Management 3
Forest 4350 Forest Economics 3
Forest 4365 Logging Systems: Operations and Analyses 3
Ag Econ 2156 Introduction to Environmental Law 3 **OR**
 Ag Econ 3256 Agribusiness and Biotechnology Law 3 **OR**
 Ag Econ 3257 Rural and Agricultural Law 3
Finance 1000 Principles of Finance 3
Undesignated electives to total 125 hours

Emphasis Area Requirements-Individualized Studies in Forestry: 27 credits

This emphasis area allows students with interests in both forestry and an allied field to obtain a degree in forestry combined with a customized specialization in a field of interest. The allied field can be wildlife biology and management, ecology, environmental science, environmental studies, interpretation of natural resources, environmental law, soils or others. The individualized study program requires completion of 27 credits to be determined by the student and a three-member faculty committee, two of whom must be Forestry faculty.

Individualized study program 27+

Individualized studies – Forestry GIS

Forestry 4360 Forest Information Systems 3
 Forestry 4380 Forest Resource Management 3
 Forestry 4350 Forest Economics..... 3
 N Res 4325 Introduction to Geographic Information Systems 3
 N Res 4365 GIS Applications 3
 N Res 4395 Landscape Ecology & GIS Analysis 3
 Forestry 3300 Problems in Forestry 3
Undesignated electives to total 125 hours