

NATR 250 : Forest Management and Silviculture

Credits 4

Quarter Offered Winter

Silviculture is the art and science of controlling the growth and composition of a healthy forest. This class focuses on the principles of forest management and silviculture, forest protection, insect and disease control, stewardship of nonindustrial forests, rehabilitation, and cooperative forest management. Class emphasizes the science of establishing sustainable forests and woodlands. This class may include students from multiple sections.

Course Outcomes

List effective silviculture management practices.

Describe the kinds of plants that compose the vegetative strata found in a forest environment.

List the most important species of trees in each of the regional forests.

Distinguish between natural and artificial methods of regenerating forests.

Identify the types of information needed to develop a long-term forest management plan based on sustained yields.

Explain why forest management plans are needed to protect, renew, and sustain forest resources.