FORESTRY (FOR)

Courses

FOR 222. Advanced Silviculture. 0 or 3 Credits.
Scientific basis and contemporary status of silviculture practices. Prerequisite: FOR 223. Alternate years, 2000-01.

FOR 225. Tree Structure & Function. 3 Credits.
Basic anatomy and physiology of trees and other woody plants, emphasizing their unique structural and physiological adaptations to the environment. Prerequisite: Instructor permission.

FOR 228. Ecosystems Ecology. 3 Credits.
Examination of the structure and function of terrestrial ecosystems focusing on carbon and nutrient cycles. Laboratory sessions involve spatial modeling and data analysis. Prerequisites: CHEM 031, CHEM 032, NR 103 and either NR 143 or NR 146. Cross-listed with: NR 228.

FOR 235. Forest Ecosystem Health. 4 Credits.
Forest health is a broadly defined, emerging discipline in forestry and ecology that examines the agents and processes affecting tree and forest decline. Prerequisites: NR 103, BIOL 001 and BIOL 002 or PBIO 004, FOR 021.

FOR 272. Sustain Mgmt Forest Ecosys. 0 or 4 Credits.
Principles of long-term planning and plan implementation in support of sustainable forestry; Adaptive management; biodiversity and ecosystem health; major management planning project. Prerequisites: FOR 122, NR 205, FOR 223.

FOR 385. Selected Problems in Forestry. 1-6 Credits.
Advanced readings, or a special investigation dealing with a topic beyond the scope of existing formal courses.

FOR 390. Internship. 1-18 Credits.
On-site supervised work experience combined with a structured academic learning plan directed by a faculty member or a faculty-staff team in which a faculty member is the instructor of record, for which academic credit is awarded. Offered at department discretion.