

The credit hours required in the following forestry-related coursework areas, a-d, total 51; the remaining 5 hours may be in any of the forestry-related coursework areas. For purposes of this section, “forestry-related coursework” shall include the following subject matter areas:

a. Ecology and Forest Biology

Courses or significant course content, but in no event less than 15, of the credit hours from the following areas:

- Dendrology; forest vegetation, or plant taxonomy
- Forest Soils; or advanced soils (junior level or higher)
- Forest ecology/ biology; silvics; wildlife biology/ecology; conservation biology; or wetland ecology
- Forest entomology and pathology; integrated pest management
- Fire ecology; or wildfire management

b. Measurement of Forest Resources

Courses or significant course content, but in no event less than 12, of the credit hours from the following areas:

- Forest mensuration; forest resource measurements
- Land surveying; photogrammetry/remote sensing; principles and applications of geographic information systems
- Forest resource inventory; forest inventory design, sampling methods and analysis; statistics

c. Management of Forest Resources

Courses or significant course content, but in no event less than 15, of the credit hours from the following areas:

- Silviculture; or advanced forest ecology (senior level or higher)
- Forest resource management plans – design, development, implementation and analysis (timber, watershed, wildlife, recreation, endangered species – combinations – or urban forest applications)
- Forest engineering; forest operations; timber/forest resource harvesting

d. Forest Resource Policy, Economics and Administration

Courses or significant course content, but in no event less than 9, of the credit hours from the following areas:

- Forest/natural resource policy – policy development and administration, law and regulation development and implementation
- Forest/natural resource economics – markets, human resources, finance, business management
- Professional ethics; responsibility and integrity, standards of practice, client/public/professional relationships