

Forest Engineering

SCHOOL

School of Agricultural Engineering
(www.etsea.udl.cat)

BRANCH OF KNOWLEDGE

Engineering and Architecture

DURATION

4 years (240 credits)

CREDITS

Basic training: 60

Compulsory: 132

Optional: 30

Practicum 6

Final project: 12

EDUCATIONAL OBJECTIVES

Forest Engineering graduates have technical training for the management of natural resources (primarily vegetation, wildlife, soil and landscape) and therefore to carry out technical activities aimed at using, defending or preserving them. They may specialize in Natural Systems Management or Environmental and Landscape Management. They are qualified to work as technical forest engineers.

COMPETENCES ACQUIRED

Technical capacity in the field of their speciality.

Knowledge of the components and scientific fundamentals of the natural environment in their professional work.

Using the necessary technology and engineering to carry out and prepare forestry activities.

Using the tools of economic and legal management of forestry activities.

CAREER OPPORTUNITIES

Agricultural public administrations: The European Union, Spain, autonomous communities and town councils.

Construction in their sphere of competence.

Forestry service companies: nurseries, machinery, plant protection treatments, agricultural informatics, etc.

Working as professional forest engineers.

Self-employed professionals: projects, advice, consulting, appraisals, site supervision, environmental impact studies, workplace health and safety studies, etc.

Forestry.

Planning and management of forest resources.

Environmental protection.

Restoration and defence of the natural environment.