Visiting Professor Program
Academic Year 2023/2024

TEACHING COMMITMENT: 24 hours

COURSE TITLE
Applied Forest Science

TEACHING PERIOD
1st term

SCIENTIFIC AREA
Forest ecology

LANGUAGE USED TO TEACH
English

COURSE SUMMARY
In this course students will learn the scientific basis, techniques, and applications of dendrochronology with special reference to dendroecology and forest dynamics. We will review the historical development and key discoveries of the field. We will study the biological basis of tree-ring research and the central principles of dendrochronology. After studying fundamental concepts students will learn about applications of dendrochronology in different disciplines via lectures and discussions.

LEARNING OBJECTIVES
Basic dendrochronology techniques
Ecological use of the tree ring science
TUTORSHIP ACTIVITIES
N/A

LAB ACTIVITIES
N/A

OTHER ACTIVITIES BESIDES THE COURSE
N/A

VISITING PROFESSOR PROFILE
Forester or tree biologist with a specialty in dendroecology, which is the study of tree rings and wood formation to infer ecological changes

CONTACT REFERENT
Renzo Motta
renzo.motta@unito.it