



ALLEGATO 1- Descrizione del percorso formativo per i corsi di studio erogati in lingua inglese

<p>MASTER DEGREE COURSE IN FOREST SCIENCES</p> <p><i>Contents of study plan for students enrolled in the academic year 2025-2026</i></p>
<p>Attendance is recommended. The minimum total number of credits in each study plan is 120 credits</p>

STUDY TRACK FOREST AND LAND MANAGEMENT	
1st YEAR	
MANDATORY UNITS	CREDITS
FOREST ECOLOGY AND MANAGEMENT	11
NATURAL DISTURBANCES ECOLOGY AND MANAGEMENT (for all students EXCEPT GLOFOR students)	6
GLOBAL FORESTRY FIELD COURSE (for GLOFOR students ONLY)	6
WILDLIFE CONSERVATION AND MANAGEMENT	6
FOREST PATHOLOGY AND WOOD ALTERATIONS	6
GEOLOGY OF MOUNTAIN AREAS	6
GIS APPLICATIONS	6
PRACTICAL FIELD CAMP (for all students EXCEPT MEDFOR students)	3
RESEARCH AND PROJECT DEVELOPMENT METHODOLOGY - APPLICATIONS (for MEDFOR students ONLY) (e-learning)	3
1 FREE-CHOICE UNIT AMONG THE FOLLOWING:	CREDITS
INSECT ECOLOGY AND MANAGEMENT	6
ECOLOGY OF FOREST INSECT INVASIONS	6
1 FREE-CHOICE UNIT AMONG THE FOLLOWING:	CREDITS
FOREST POLICY FOR A BIO-ECONOMY STRATEGY	6
GREEN CARE: FROM IDEAS TO ENTERPRISE (e-learning)	6
2nd YEAR	
MANDATORY UNITS	CREDITS
ECO-EFFICIENT TRANSPORTATION IN FORESTRY	8
FOREST HYDROLOGY	6

RIVER RESTORATION AND SUSTAINABLE LAND PROTECTION	12
APPLIED STATISTICS (for all students EXCEPT Double Degree students)	4
DIRECTED STUDIES (for Double Degree students ONLY)	4

FINAL EXAMINATION (Thesis)	26
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ELECTIVE CREDITS

*The Study Plan must include minimum **8 electives credits**, chosen from the list reported below, **OR** from the courses in the available “Forest and Nature for the Future” study track. **As a third alternative**, the electives can be chosen from any other Master’s degree programme of the University of Padova: in this case, the course Teaching Commitment will approve the study plan provided that such courses are consistent with the forest science disciplines.*

1 FREE-CHOICE UNIT AMONG THE FOLLOWING:	CREDITS
GREEN CARE: FROM IDEAS TO ENTERPRISE or CLIMATE CHANGE AND FORESTRY: MONITORING AND POLICIES (e-learning)*	6
<i>*Only one e-learning course can be chosen</i>	
SPECIAL TOPICS IN FORESTRY	6
WOOD PRODUCTS TECHNOLOGY AND SUSTAINABILITY	6
ECOLOGY OF FOREST INSECTS INVASIONS	6

CURRICULUM FOREST CONSERVATION AND GOVERNANCE	
1st YEAR	
MANDATORY UNITS	CREDITS
FOREST ECOLOGY AND MANAGEMENT	11
ANIMAL BIODIVERSITY IN FOREST ECOSYSTEMS	6
GLOBAL CHANGE AND FOREST ECOSYSTEMS	7
PROTECTED AREA MANAGEMENT	6
FOREST LANDSCAPE RESTORATION	6
INTEGRATED WATERSHED MANAGEMENT	6
1 FREE-CHOICE UNIT AMONG THE FOLLOWING:	CREDITS
BIOLOGY OF TREES	6
SPECIAL TOPICS IN FORESTRY	6
1 FREE-CHOICE UNIT AMONG THE FOLLOWING:	CREDITS
SUSTAINABLE TIMBER HARVESTING	6
WOOD PRODUCTS TECHNOLOGY AND SUSTAINABILITY	6
1 FREE-CHOICE UNIT AMONG THE FOLLOWING:	CREDITS
CLIMATE CHANGE AND FORESTS: MONITORING AND POLICIES (e-learning)	6
ENVIRONMENTAL RESOURCE VALUATION (second-year activity)	6
2nd YEAR	
MANDATORY UNITS	CREDITS
FOREST POLICY, GOVERNANCE AND CONFLICTS	8
POLICIES, MARKETS AND STANDARDS FOR FOREST ECOSYSTEM SERVICES	14
RESEARCH PLANNING	2
COMMUNICATION SKILLS	2
FINAL EXAMINATION (Thesis)	26

ELECTIVE CREDITS

*The Study Plan must include minimum **8 elective credits**, chosen from the list reported below, **OR** from the courses in the available “Forest and Nature for the Future” study track. **As a third alternative**, the electives can be chosen from any other Master’s degree programme of the University of Padova: in this case, the course Teaching Commitment will approve the study plan provided that such courses are consistent with the forest science disciplines.*

SUGGESTED ELECTIVE UNITS	CREDITS
GREEN CARE: FROM IDEAS TO ENTERPRISE (e-learning)* or CLIMATE CHANGE AND FORESTRY: MONITORING AND POLICIES (e-learning)* <i>*Only one e-learning course can be chosen</i>	6
SPECIAL TOPICS IN FORESTRY	6
WOOD PRODUCTS TECHNOLOGY AND SUSTAINABILITY	6
ECOLOGY OF FOREST INSECT INVASIONS	6