Master Forestry and Wood Science – List of Courses start study from winter 2022/23

		winter / summer	ECTS
Subject area: Forest Ecology			
WZ4032	Entomology	summer	5
LS50011	Human Biometeorology: Climate, Air Quality and Forests for Well-Being	winter	6
WZ4225	Concepts and Research Methods in Ecology	winter	5
WZ4021	Conservation Biology and Planning	winter	5
WZ4009	Ecology of Mountain Forests	summer	5
WZ4020	Effects of Climate Change on Plant Physiology	winter	5
Subject area: Production & Management			
LS50018	Agro-Forestry for Soil Management	summer	5
LS50003	Decision Support	winter	5
WZ4013	Forest Production and Logistics	winter	5
WZ4010	Forest Management in the Mountains	summer	5
WZ4012	Management of Forest Enterprises	summer	5
LS50010	Forest Sites 2.0 - Characterize, Describe, Evaluate	summer	5
Subject area: Forest Governance			
WZ4226	Methodology of Scientifc Research	winter	5
WZ4022	Nature Conservation Policy and Communication	winter	5
LS50005	The Economics of Ecosystem Services	winter	5
WZ1545	Human Resource Management in Agriculture and Related Industries	winter	5
WI000336	Policy of Landscape Development	winter	5
WZ4045	Forest and Wildlife	summer	5
Subject area: Wood Product Systems			
WZ4006	Current Developments of Wood Utilization	winter	5
LS50004	Wood Chemical Processes to Expand Added Value	summer	5
WZ4008	Silviculture and Wood Quality	winter	5
ED170003	Wood and Biomaterials Mechanics and Physics	summer	5
LS50007	Wood Biotechnology	summer	5
LS50002	Wood-based Bioeconomy: Assessment of Innovative Wood Product Systems	summer	5
Subject area: Global, Digital Forestry			
WZ4024	Applied Geoinformatics	winter	5
LS50008	Global Climate Protection through Forests (currently not offered)	winter	6
LS10012	Remote Sensing Methods in Environmental Sciences	summer	5
WZ4023	Production and Harvesting of Natural Resources in (Agro-) Forestry Systems in Different Regions of the World	winter	5
WZ4042	Forest Management und Wood Utilisation Worldwide (currently not offered)	winter	5
LS50006	Simulation of Forests	winter	5

Status:
summer term 2024

These lists are provided for informational purposes. The modules offered may change, as may the times. Please inform yourself in good time in TUMonline and / or from the persons responsible for the modules.

Free Elective Modules		term	ECTS
WZ0246	Advanced Concepts and Methods in Urban Ecosystems	summer	5
WZ6341	Analysis of Ecological Data	winter/ summer	3
LS50001	Internship	winter/ summer	10
WZ4028	Fire Behaviour of Wood and Wood-based Products	summer	5
WZ1590	Climate Change Economics	winter/ summer	5
WI000314	Controlling	winter	3
WZ0311	Earth's Critical Zone CZ	summer	5
LS60005	Introduction in Ecological Modelling	winter	5
WZ4031	Experimental Plant Ecology	summer	5
LS60020	Field Methods in Remote Sensing	summer	5
WZ4047	Forest Enterprise Management	summer	5
LS50024	Human-Wildlife-Vegetation Interaction and Management	summer	5
LS50009	Climate Change in Bavaria	winter	5
MGT001413	Cost accounting and Investment Appraisal	summer	5
WZ4018	Laboratory Methods for Soil Characterization	winter	5
LS10013	Modelling and Statistical Analysis of Large Arrays	summer	5
WZ0322	Ecological Colloquium: Scientific Foundations and Applications in Practice	winter/ summer	5
WZ4027	Plant Ecophysiology - Research at the Plant-Environment Interface	summer	5
WZ0409	Ecosystem Dynamics	summer	5
LS50017	Polymers in Wood Science and Technology	WiSe	5
WI001292	Start-ups and unicorns coming up	summer	6
LS10010	Taxonomy and Identification of Insects	winter	5
WZ2575	Terrestrial Ecology 1	summer	5
WZ1248	Terrestrial Ecology 2	summer	5
WZ1252	Environmental and Planning Law	winter+ summer	6
WZ4015	Vegetation and Soil Zones of the World	winter+ summer	5
WZ2572	Experimental Design (Advanced Course)	winter/ summer	5
WZ4230	Wildlife Management	winter+ summer	5
LS50016	Yale Field Trip with Preparatory Seminar	summer	5
LV 0000004386	Lecture series TUMwood	winter	B