

Nature Protection and Forestry

Course Title	ECTS	Contact hours	Prerequisite(s)	1 Semester	2 Semester	3 Semester	4 Semester	Instructor	Course Status
Main block - 90 credits: (Compulsory courses - 66 credits; Elective courses - 24 credits*)									
Academic Writing	6	32				x		L. Mumladze	obligatory
Environment, Environmental problems and solutions	6	36		x				K. Ugrekheldze	obligatory
Conservation and Management of Animal Populations	6	42		x				Z. Javakhishvili	obligatory
Introduction to Forest Sciences	6	56		x				V. Metreveli, I. Akobia	obligatory
Research Planning for MSc Thesis	6	50			x			Z. Javakhishvili, K. Ugrekheldze, V. Metreveli	obligatory
Statistics for Biologists	6	44				x		D. Tarkhnishvili	obligatory
Basics of R and Statistics for Ecologists		44			x			L. Mumladze	
Applied Statistics using R software		32		x				A. Gavashelishvili	
Master's Thesis	30		Research Planning for MSc Thesis; Academic Writing				x		obligatory
Spatial Analysis in Ecology	6	32			x			A. Gavashelishvili	elective
Synecology	6	34			x			O. Abdaladze	elective
Wood Properties and Products	6	60		x		x		V. Metreveli	elective
Nature and Forest economics	6	34			x			F. Carbone, N. Gobronidze, V. Metreveli	elective
Remote Sensing For Assessment of Natural Resources and Environmental Monitoring	6	46		x		x		G. Mikeladze	elective
Higher Plant Systematics	6	38			x			M. Mosulishvili	elective
Regulatory Impact Assessment	6	33			x			D. Maisuradze G. Mukhigulishvili	elective
Woody Plants of Georgia (Dendrology)	6	45		x				M. Mosulishvili	elective
Reading Landscapes: Applying Physical Geography	6	55		x				M. Gebhardt, L. Adikashvili	elective
Environmental Impact Assessment by Bioindicators	6	44		x				B. Japoshvili K. Batsatsashvili	elective
Rangeland Ecology, Assessment and Management	6	60			x			M. Gebhardt, K. Kereselidze, T. Arveladze, G. Chikorashvili, N. Marsagishvili	elective
Policy, Planning and Management of Protected Territories	6	42			x			Z. Javakhishvili	elective

Development of Ecotourism	6	36		x		x		G. Rajebashvili	elective
Cost-benefit Analysis	6	33				x		G. Mukhigulishvili	elective
Risk Assessment of Natural Hazards	6	32			x			M. Elashvili	elective
Labor, technologies and environment	6	31		x				T. Keburia	elective
Special Course in English Language for Bio Scientists	6	47				x		M. Sepashvili	elective
Qualitative and Quantitative Ethnobotany	6	32						R. Bussmann	elective
Plant identification and Habitats Floristic Assessment in the Caucasus	6	66						D. Tchelidze, V. Metreveli	elective
Geoinformation Systems (QGIS) in Ecology and Conservation	6	46						N. Meghvinetukhutsesi	elective
Nature Conservation Block - 30 credits									
Conservation of Species	6	32	Conservation and Management of Animal Populations			x		Z. Gurielidze	obligatory
Scientific Research in Wildlife Conservation and Management	6	46				x		Z. Javakhishvili	obligatory
Population Ecology and Genetics	6	32	Conservation and Management of Animal Populations				x	D. Tarkhnishvili	obligatory
Quantitative Analysis of Biodiversity	6	32					x	L. Mumladze	obligatory
Methods of Animal Research/Monitoring	6	31				x		Z. Gurielidze	obligatory
Forestry Block - 30 credits									
Soil and vegetation assessment	6	45	Introduction to Forest Sciences			x		K. Kereselidze, V. Metreveli, I. Akobia, L. Navrozashvili	obligatory
Forest Ecology and Protection	6	52	Introduction to Forest Sciences	x				F. Bolande, V. Metreveli	obligatory
Forest Management and Operations	6	50	Introduction to Forest Sciences			x		F. Bolander, V. Metreveli, Z. Nonashvili	obligatory
Forest Inventorization and Monitoring	6	66	Introduction to Forest Sciences				x	V. Metreveli, Z. Janiashvili, Z. Nonashvili	obligatory
Sustainable Forest Management	6	51	Introduction to Forest Sciences	x			x	L. Dzadzamia V. Metreveli	obligatory
Nature protection and Sustainable Development Block - 30 credits									
Environmental Policy and Law	6	31	Environment, Environmental problems and solutions			x		T. Arveladze	obligatory
Impact Assessment	6	32	Environmental Policy and Law				x	M. Gvilava	obligatory
Ecosystem Analysis and Management	6	41				x		K. Ugrekhelidze	obligatory
Environment and Sustainable Development	6	36	Environment, Environmental problems and solutions			x		K. Ugrekhelidze I. Akobia	obligatory
Environmental Economics	6	48					x	K. Ugrekhelidze	obligatory

* Within 6 credits, students can take courses from other Master's programs.