

	Name of course	Prerequisite	ECTS	Contact hours	Course Status	Autumn	Spring	Lecturer
General Module - 60 ECTS								
	Introduction to Contemporary Thought I		6	31	Oblig	X	X	
	Introduction to Contemporary Thought I II		6	31	Oblig	X	X	
	Academic Techniques		6	34	Oblig	X	X	
	English Language Course		6	64	Oblig	X	X	
	English Language Course		6	64	Oblig	X	X	
	English Language Course		6	64	Oblig	X	X	
	English Language Course		6	64	Oblig	X	X	
	An introductory course from physics with code INTROENGPYS		6		Oblig	X	X	

	An introductory course from life sciences with code IINTROLF		6		Oblig	X	X	
	An introductory course from Earth Sciences with code INTROENGESC		6		Oblig	X	X	
Natural Sciences: Ecology *								
Obligatory Courses (60 ECTS)								
	Statistics		6	30	Oblig		x	
	Principles of Chemistry		6	38	Oblig		x	Ketevan Kupatadze
	Botany		6	32	Oblig	x		Marine Mosulishvili, Ketevan Batsatsashvili, Z.Asanidze, A.Bakhia
	Zoology		6	50	Oblig	x		Bella Japoshvili, Natia Kopaliani
	Genetics	General Biology	6	47	Oblig		x	Aivengo Shatirishvili. (Invited lecturers:: Marine Menabde, Nana Dvalishvili)
	Fundamentals of Ecology		6	44	Oblig		x	David Tarkhnishvili
	Biogeography with Principles of Physical Geography	Botany; Zoology	6	32	Oblig	x		Shalva Barjadze

Introduction to Conservation Biology	Fundamentals of Ecology	6	32	Oblig	x	x	Zurab Javakishvili, Mari Murtskhvaladze
General Biology		6	47	Oblig	x		Aivengo Shatirishvili (Invited lecturers:: Marine Menabde, Nana Dvalishvili)
Biochemistry	Principles of Chemistry	6	45	Oblig		x	Lali Shanshiashhvili, David Mikeladze
Obligatory-elective Courses (min.48 ECTS)							
Functionality and diversity of plants (min.6 ECTS)							
Georgian Flora	Botany	6	36	Obligatory-elective		x	Marine Mosulishvili,
Diversity of Cryptogams (algae, fungi, lichenes, moss)	Botany	6	32	Obligatory-elective		x	Ketevan Batsatsashvili,
Physiology of Plants	Botany	6	36	Obligatory-elective	x		Maia Sepashvili
Processes in animal populations and ecosystems (min.6 ECTS)							
Cooperation and Conflict in Animal Societies	Zoology	6	32	Obligatory-elective		x	Natia Kopaliani
Predator-Prey Relation in Ecosystem	Fundamentals of Ecology	6	32	Obligatory-elective		x	Zurab Gurielidze
Diseases of Wild Animals	Zoology	6	34	Obligatory-elective	x		Levan Ninua
Evolutionary Ecology(min.6 ECTS)							
Influence of Climate on Distribution of Plants and Animals	Fundamentals of Ecology	6	36	Obligatory-elective		x	Aleksandre Gavashelishvili

Evolution of Biosphere		6	32	Obligatory-elective		x	Eka Tskitishvili
Evolutionary Biology	Genetics, Zoology	6	49	Obligatory-elective		x	Aivengo Shatirishvili
Conservation of Biodiversity(min.6 ECTS)							
Forest Ecology and Forestry	Botany	6	59	Obligatory-elective	x		Vasil Metreveli, Ilia Akobia, Zurab Janiashvili, Zaza Nonashvili
Cetacean Ecology(Whales, Dolphins, Sea Pigs) and Conservation	Introduction to Conservation Biology	6	32	Obligatory-elective	x		David Dekanoidze
Human-wildlife Conflicts	Introduction to Conservation Biology	6	32	Obligatory-elective		x	Maia Shakarashvili
Practical Work for Ecologists (min.12 ECTS)							
Field and Laboratory Practices in Ecology 1	Botany; Zoology, Fundamentals of Ecology	6	52	Obligatory-elective	x		David Tarkhnishvili, Natia Kopaliani
Field and Laboratory Practices in Ecology 2	Botany; Zoology, Fundamentals of Ecology	6	52	Obligatory-elective		x	David Tarkhnishvili, Natia Kopaliani
Practice Course: Field Hydrobiology and Environmental Chemistry	Principles of Chemistry	6	38	Obligatory-elective		x	Bella Japoshvili, Ketevan Kupatadze
Practice Course: Bird Identification	Zoology	6	62	Obligatory-elective		x	Zurab Javakhishvili
Practice Course: Tree Identification		6	48	Obligatory-elective		x	Marine Mosulishvili, Arsen Bakhia
Practice Course: Forest Cryptogams (Macrofungi, Lichens, Mosses)		6	50	Obligatory-elective		x	Ketevan Batsatsashvili
Carbon Stock Assessment in Forest Ecosystems	Principles of Chemistry	6	59	Obligatory-elective		x	Vasil Metreveli, Meri Shalaamberidze
Wood Properties and Products		6	60	Obligatory-elective	x		Vasil Metreveli
Bachelor's Thesis *	Academic Techniques	6		Obligatory-elective		x	Supervisors of the Bachelor's Thesis

Elective Courses (max.12 ECTS)							
Human and Animal Physiology		6	48	Elective		×	Nato Darchia, Tamar Basishvili
Cell Biology		6	32	Elective	×		Mzia Zhvania
Molecular Biology	Biochemistry	6	68	Elective	×		Revaz (Bacho) Solomononia, Ekaterine Tevdoradze
Microbiology and Virology	Biochemistry	6	42	Elective	×		Ekaterine Tevdoradze, Marine Kikvidze
Fundamentals of Immunology	Biochemistry; Cell Biology	6	34	Elective	×		Lali Shanshiashvili
Principles of Toxicology	Biochemistry	6	32	Elective	×		Elene Zhuravliova
Physiology of Behavior		6	39	Elective		×	Mariam Gogichadze
Cognitive Physiology		6	32	Elective	×		Nato Darchia, Nikoloz Oniani
General Embryology		6	32	Elective		×	Edisher Tskhadaia
Introduction to Soil science		6	53	Elective	x		Levan Navrozashvili
Radiation Ecology		6	32	Elective	x		Kakhaber Kapanadze
Minor Program/Free Component (60 ECTS)							

***Bachelor's thesis can be chosen from the 8th semester.**