

	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 *								
	სავალდებულო კურსები (60 კრედიტი)							
	Statistics		6	30	Oblig		x	
	Principles of Chemistry		6	38	Oblig		x	Ketevan Kupatadze
	Botany		6	36	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	40	Oblig		x	Lali Shanshiashvili, David Mikeladze
	Obligatory-elective Courses (min.48 ECTS)							
	Functionality and diversity of plants (min.6 ECTS)							
	Georgian Flora	Botany	6	36	Obligatory-elective Courses (	x		Marine Mosulishvili,
	Diversity of Cryptogams (algae, fungi, lichenes, moss)	Botany	6	32	Obligatory-elective Courses (		x	Ketevan Batsatsashvili,
	Physiology of Plants	Botany, Biochemistry	6	36	Obligatory-elective Courses (	x		Maia Sepashvili
	Processes in animal populations and ecosystems (min.6 ECTS)							
	Cooperation and Conflict in Animal Societies	Zoology	6	32	Obligatory-elective Courses (		x	Natia Kopaliani
	Predator-Prey Relation in Ecosystem	Fundamentals of Ecology	6	32	Obligatory-elective Courses (		x	Zurab Gurielidze
	Diseases of Wild Animals	Zoology	6	34	Obligatory-elective Courses (	x		Levan Ninua
	Evolutionary Ecology (min.6 ECTS)							
	Influence of Climate on Distribution of Plants and Animals	Fundamentals of Ecology	6	36	Obligatory-elective Courses (		x	Aleksandre Gavashelishvili
	Evolution of Biosphere		6	32	Obligatory-elective Courses (		x	Eka Tskitishvili
	Evolutionary Biology	Genetics, Zoology	6	49	Obligatory-elective Courses (		x	

	Conservation of Biodiversity (min.6 ECTS)						
	Forest Ecology and Forestry	Botany	6	59	Obligatory-elective Courses (	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 Courses (	x	David Dekanoidze
	Human-wildlife Conflicts	Introduction to Conservation Biology	6	32	Obligatory-elective Courses (	x	Maia Shakarashvili
	Practical Work for Ecologists (მა5.12 კრედიტი)						
	Field and Laboratory Practices in Ecology 1	Botany; Zoology, Fundamentals of Ecology	6	52	Obligatory-elective Courses (	x	David Tarkhnishvili, Natia Kopaliani
	Field and Laboratory Practices in Ecology 2	Botany; Zoology, Fundamentals of Ecology	6	52	Obligatory-elective Courses (	x	David Tarkhnishvili, Natia Kopaliani
	Practice Course: Field Hydrobiology and Environmental Chemistry	Principles of Chemistry	6	38	Obligatory-elective Courses (	x	Bella Japoshvili, Ketevan Kupatadze
	Practice Course: Bird Identification	Zoology	6	62	Obligatory-elective Courses (	x	Zurab Javakhishvili
	Practice Course: Tree Identification	Botany	6	48	Obligatory-elective Courses (	x	Marine Mosulishvili, Jeren Cazanci
	Practice Course: Forest Cryptogams (Macrofungi, Lichens, Mosses)		6	50	Obligatory-elective Courses (	x	Ketevan Batsatsashvili
	Carbon Stock Assessment in Forest Ecosystems	Principles of Chemistry	6	59	Obligatory-elective Courses (	x	Vasil Metreveli, Meri Shalaamberidze
	Wood Properties and Products		6	50	Obligatory-elective Courses (	x	Vasil Metreveli
	Bachelor's Thesis *	Academic Techniques	6		Obligatory-elective Courses (	x	Supervisors of the Bachelor's Thesis
	Elective Courses (max.12 ECTS)						
	Human and Animal Physiology		6	48	Elective	x	Nato Darchia, Tamar Basishvili
	Cell Biology		6	32	Elective	x	Ia Zhvania
	Molecular Biology	Biochemistry	6	68	Elective	x	Revaz (Bacho) Solomonias, 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		Kakha Kapanadze
Minor Program/Free Component (60 ECTS)								

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