

სტადია	Name of course	Prerequisite	Lecturer	ECTS	Contact hours	Lab/practical work	Autumn	Spring	Status of course
Master Program - Atmosphere and Near space Sciences									
Obligatory Courses- 72 credits									
	Atmospheric Physics		Goderdzi Didebulidze	6	63	40	x		Oblig.
	Plasma Physics		Ivane Murusidze	6	47	15	x		Oblig.
	Classical Hydrodynamics		Giorgi Dalakishvili, Goderdzi Didebulidze	6	48	24	x		Oblig.
	Statistical Methods in Atmospheric Physics		Giorgi Dalakishvili,	6	48	15	x		Oblig.
	Ionospheric Physics	Atmospheric Physics, Classical Hydrodynamics	Goderdzi Didebulidze	6	63	40		x	Oblig.
	Solar-Terrestrial Coupling Physics		Maya Todua	6	64	40		x	Oblig.
	Meteorology		Demuri Demetrashvili	6	47	20		x	Oblig.
	Computer modeling		Ivane Murusidze	6	32	13		x	Oblig.
	Remote Sensing Instruments and Methods	Atmospheric Physics	Maya Todua	6	63	39	x		Oblig.
	Climatology	Classical Hydrodynamics	Nato Kutaladze	6	47	25	x		Oblig.
	Master Seminar	Atmospheric Physics, Ionospheric Physics	Goderdzi Didebulidze	6	44			x	Oblig.
	Atmospheric Chemistry		Ketevan Kupatadze Demirtas	6	33	3	x		Oblig.
Elective Courses- No more than 18 credits									
	Scientific English		Andria Rogava	6	48	24	x		Elective
	Heliosphere and planetary atmospheres	Atmospheric Physics, Classical Hydrodynamics	Giorgi Javakhishvili	6	52	9	x		Elective

	Application of Atmospheric Models		Giorgi Dalakishvili	6	62	30		x	Elective
	Solar Physics	Classical Hydrodynamics	Teimuraz Zakarashvili	6	48	14		x	Elective
	Atmospheric Optics	Atmospheric Physics	Maya Todua	6	48	12	x		Elective
	Physics of Cosmic Rays		Bidzina Kapanadze	6	48	7	x		Elective
	Data Analysis using Python		Shota Tsikaradze	6	48	20		X	Elective
Master Thesis - 30 Credits									
M010				30			x	x	