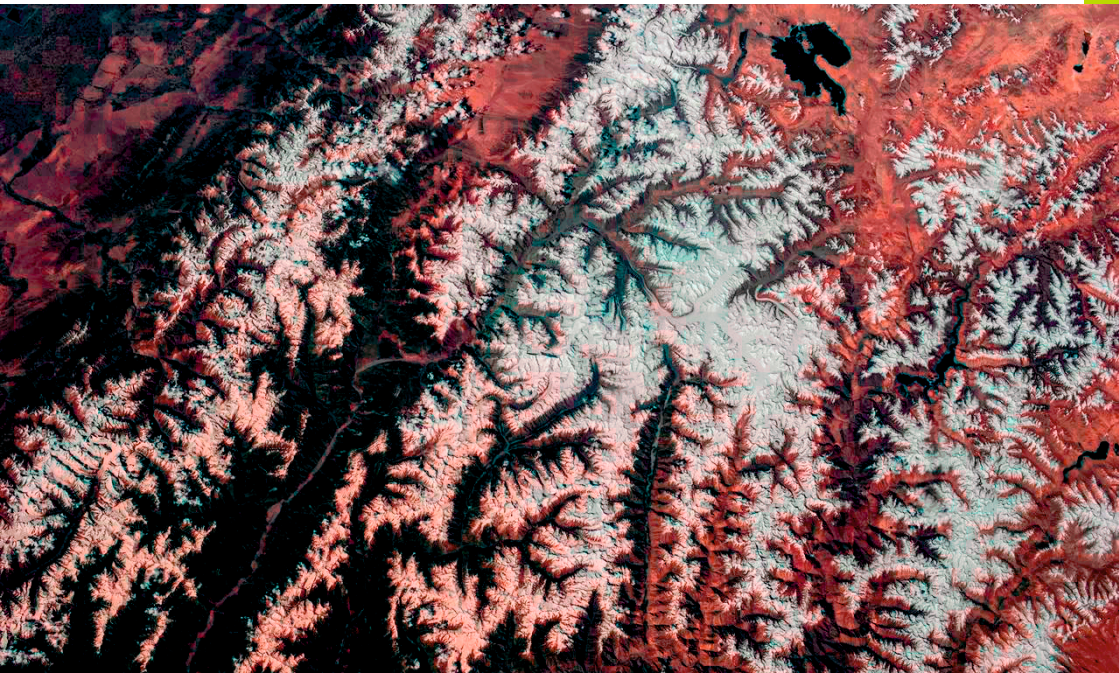




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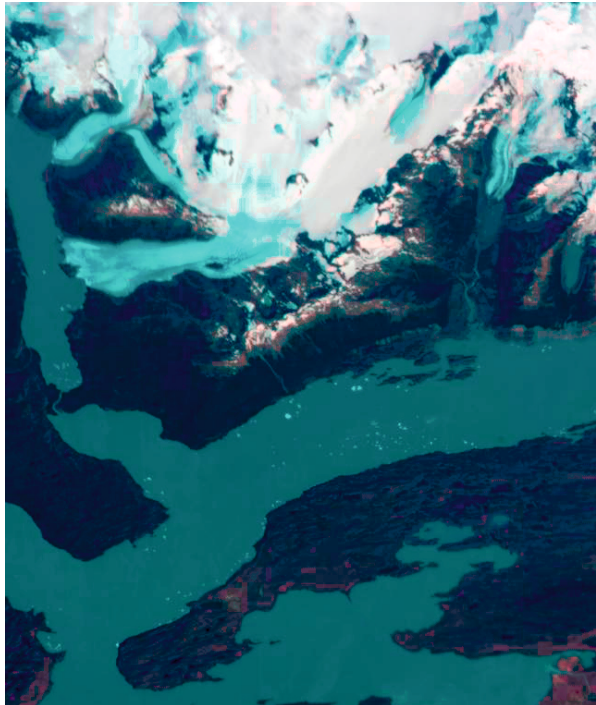
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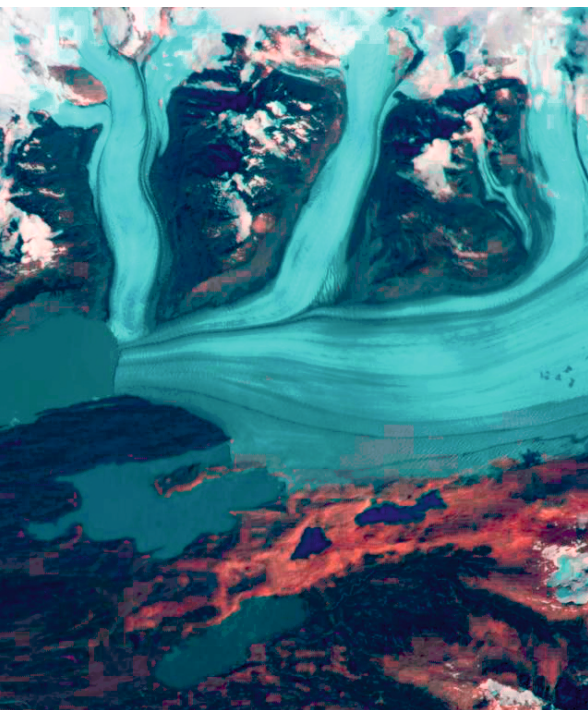
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Master studies in Global Change Biology

- Two year master studies headed by international experts in environmental and evolutionary biology, macroecology and biogeography, molecular and evolutionary ecology, and bio-conservation
- Courses in animal and plant biogeography, molecular ecology, invasive species, parasites and diseases
- Courses in genetically modified organisms and molecular ecology





- Training in geostatistical analyses and advanced ecological modelling
- Applications of ecosystem services
- Management of protected areas and legal issues
- Introductory courses in biological data analyses and the R environment
- Whole program in English
- Attractive financial conditions

Access the full course program
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1. term

Module	Lecture / Course	Number ECTS points
Ecology and evolution	Evolutionary ecology	2
	Environmental genomics	2
Bioconservation	Hydrobiologyand water management	3
	Urbanization and the future of natural resources	4
Data handling	Data compilation, organization, and analysis in biology	2
	Scientific publishing	2
	Basics in climatic modelling	5
Realisation of Master Thesis	Journal Club	3
	Lab	7
Sum		30

Contact hours					Marks
Lecture	Course	Lab	Practices	Seminar	
20					Test
		15			Test
15		20			Test
20		20			Test
		30			Test
		15			Test
20		20			Exam
				30	Test
			60		Test
75		120	60	30	285

2. term

Module	Lecture / Course	Number ECTS points
Social and legal affairs	European legal regulations in environmental protection	3
Ecology and evolution	Dynamic plant biogeography	3
	Dynamic animal biogeography	4
	Dynamic marine and freshwater biogeography	4
Data handling	Advanced techniques in environmental data analysis	4
Bioconservation	Environmental impacts of genetically modified organisms	2
Realisation of Master Thesis	Journal Club	3
	Lab	7
Sum		30



Contact hours					Marks
Lecture	Course	Lab	Practices	Seminar	
15	15				Test
10		20			Test
15		20			Test
15		20			Test
15		30			Test
15					Exam
				30	Test
			60		Test
85	15	90	60	30	280

3. term

Module	Lecture / Course	Number ECTS points
Social and legal affairs	Socioeconomic aspects of global change	3
Bioconservation	Applied ecosystem services	5
	The future of land use	5
	The last of the wild: European protected areas	4
Data handling	Applied geostatistical analysis	3
Realisation of Master Thesis	Journal Club	3
	Lab	7
Sum		30

Contact hours					Marks
Lecture	Course	Lab	Practices	Seminar	
20	15				Exam
15		30			Exam
15		30			Test
15		30			Test
		30			Test
				30	Test
			60		Test
65	15	120	60	30	290

4. term

Module	Lecture / Course	Number ECTS points
Ecology and evolution	Molecular biogeography	5
	The global dynamics of parasites and diseases	4
Bioconservation	Ecological impacts of invasive species	4
	Case studies in global change	4
Realisation of Master Thesis	Journal Club	3
	Lab	7
	Preparation of MSc thesis	3
	MSc exam	
Sum		30

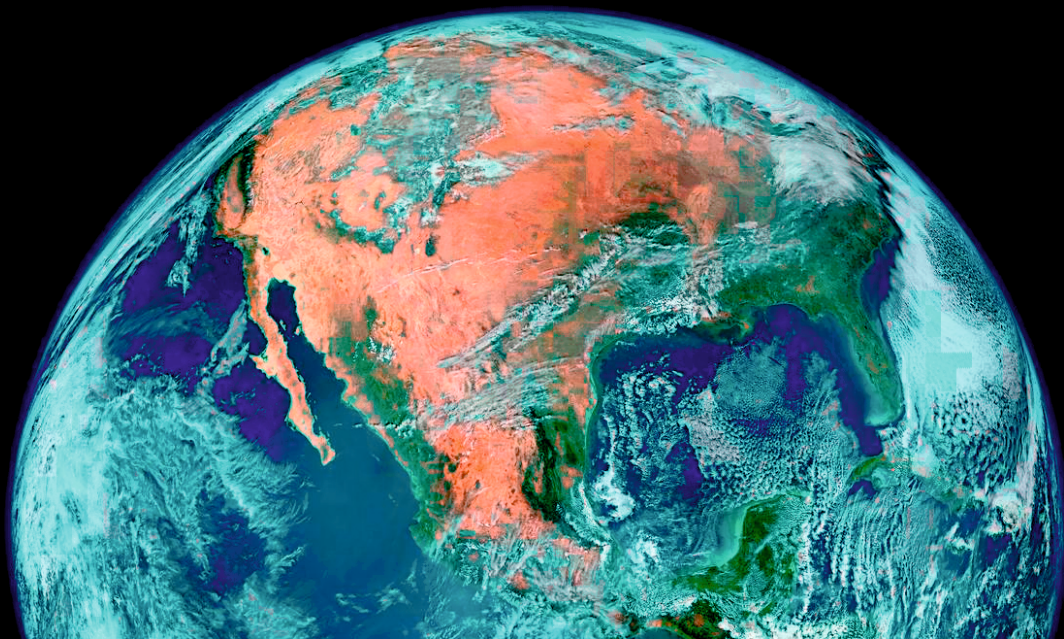
Contact hours					Marks
Lecture	Course	Lab	Practices	Seminar	
15		30			Exam
15		30			Test
15		30			Test
	20				Test
				30	Test
			60		Test
					-
					Exam
45	20	90	60	30	245



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