BSc Earth System Sciences

Study Programme

Period	1 Sep-Oct	2 Nov-Dec	3 Jan	4 Feb	5 Mar-Apr	6 May-Jun
Year 1	Foundational Skills for Environmental Research Introduction Earth System Sciences Statistics 1 OR Mathematics Applied: Introduction General Chemistry 1	Introductory Physics Water Systems: Exploration Introduction to Soil Geography	Mathematics Applied: Analysis General Chemistry 2	Water Systems: Analysis Principles of Soil Processes	Introduction Atmosphere Statistics 2 Mathematics Applied: Linear Algebra	Ecology 1 Integration Course Earth System Sciences
	Personal development path					
Year 2	Water Quality and Quantity Multivariate Mathematics Applied	Chemical Processes in Soil, Water, Atmosphere System Earth: Climate and Global Change	Meteorology and Climate	Introduction Geo-Information Science	Soil Quality Atmosphere-Vegetation-Soil Interactions	Field Research Water and Atmosphere Geology, Soils and Landscapes of the Northwest European Lowlands
	Personal development path					
Year 3	Free choice: • Go on an exchange abroad • Choose a minor in Wageningen or at another university • Additional specialization courses • Education minor in math, physics, or geography			Specialise: choose at least 3 of 17 advanced courses on topics such as the physics behind river and air flow, weather forecasting and air quality, the chemistry and biology of soil and water, geology and landscapes around the world, computational and data skills (multiple courses include excursions/fieldwork, of which 3 go abroad).		BSc Thesis An individual research project, in one of the three main domains, or at the interface between them
	Personal development path					

Foundation courses · Core courses Earth System Sciences · Field & integration courses · Choose your focus · Electives (free choice)

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