

BSc Data Science for Global Challenges

Study Programme



Period		1 Sep-Oct	2 Nov-Dec	3 Jan	4 Feb	5 Mar-Apr	6 May-Jun
Year 1	morning	Cell Biology	Programming in Python	Introduction Geo-information Science	Statistics 2	Mathematics Applied: Analysis	Advanced Statistics
	afternoon	Data Science for Global challenges 1	Data Science Concepts		Data Science for Global Challenges 2	Mathematics Applied: Linear Algebra	Data Structure for Life Sciences
		Mathematics 1 or Statistics 1				Advanced Python Programming	
Year 2	morning	Introduction to Bioinformatics	Big Data	Artificial Intelligence	Machine Learning	Decision Science 1 or Bayesian Data Analysis	Machine Vision
	afternoon	Intro to Epidemiology and Public Health	Smart Data Management			Natural Language Processing	Responsible Data Science
Year 3		Minor/Electives: Broadening and deepening knowledge, in the Netherlands or abroad				Thesis	

Statistics/Mathematics

Computer Science

Minor/Electives

Domain course

Integration-Data Science for Global Challenges



Statistics/Mathematics



Computer Science



Minor/Electives



Domain course



Integration-Data Science for Global Challenges