

Bachelor Applied Earth Sciences

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Academic Counsellors

Do you need help during your studies? Or do you need advice on some personal matters that affect your studies? Contact the [Academic Counsellors](#).

Bachelor Applied Earth Sciences

	Period 1	Period 2	Period 3	Period 4
Year 1	Calculus AESB1211 3+3 EC	Calculus AESB1211 3+3 EC	Linear Algebra AESB1323 5EC	Probability & Statistics AESB1213-24 5EC
	Grand Challenges & AES AESB1000 9EC	Grand Challenges & AES AESB1320-17 5EC	Principles of Chemistry & Thermodynamics AESB1120-15 5EC	Electricity & Magnetism AESB1420-17 5EC
	Geology 1: Basics AESB1130-21 5EC	Geology 2: North West Europe AESB1230 5EC	Geology 3: Geological systems & excursion AESB1430-14 5EC	Methodology of Geophysics & Remote Sensing AESB1440-21 5EC
	Ethics, Report writing, Library research	Python, Oral presentation		Philosophy of Science, Report writing, Oral presentation
Year 2	Differential Equations AESB2110-21 5EC	Numerical mathematics AESB2210-18 5EC	Physical Transport Phenomena AESB2320-24 5EC	Geostatistics & Remote Sensing AESB2440 5EC
	Signals & Systems with Python AESB2122-24 5EC	Chemical Thermodynamics AESB2220-20 5EC	Soil Mechanics AESB2330 5EC	Geological Fieldwork: Data Acquisition AESB2430 5EC
	Geophysical methods for Subsurface Characterization AESB2140-21 5EC	Sedimentology & Reservoir Geology AESB2230 5EC	Rock Mechanics AESB2342 5EC	Geological Fieldwork: Data Integration AESB2431 5EC
	Report Writing		Ethics, Health, Safety & Environment	Report Writing
Year 3	Minor 30EC		Mechanics & Transport by Flow in Porous Media AESB3340 5EC	Field Exploration Project AESB3440 5EC
			Petrophysics and Image Analysis AESB3341-18 5EC	Bachelor Thesis AESB3400 10EC
			Mineral Resource Geology & Modelling AESB3343 5EC	
			Climate Impacts and Engineering AESB3344 5EC	Report writing, Oral presentation Ethics, Health, Safety & Environment

- Mathematics
- Physics & Chemistry
- Applied Earth Sciences
- Academic Skills
- Connected to this Course

Choose three out of these four