

Suggested learning paths Specialisation C - Biology and Chemistry of Soil and Water

Aquatic Ecology and Water Quality

	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	
MO	YWU-30306 Interdisciplinary Topics in Earth and Environment	AEW-30306 Complexity in Ecological Systems OR SOC-36306 Biogeochemical Cycles and Climate Change Mitigation	FEM-31806 Models for Ecological Systems	AEW-31306 Water Quality OR (if already done in BSc)	TOX-30806 Environmental Toxicology OR SBL-35306 The Carbon Dilemma	AEW-31806 Trending Topics in Biology and Chemistry of Soil and Water	AEW-20706 Practical Aquatic Ecology and Water Quality OR (if already done in BSc)
AF	YWU-30806 Environmental Data Collection and Analysis	SLM-32806 Ecohydrology		SOC-34806 Applications in Soil and Water Chemistry	AEW-30806 Chemical Stress Ecology and Ecotoxicology	PEN-30306 Plant, Vegetation and Systems Ecology	

Compulsory course
Compulsory specialization course
Specialization courses (at least 2 required)
Recommended free choice course

Terrestrial Ecosystems Ecology

	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	
MO	YWU-30306 Interdisciplinary Topics in Earth and Environment	AEW-30306 Complexity in Ecological Systems OR SOC-36306 Biogeochemical Cycles and Climate Change Mitigation	FEM-31806 Models for Ecological Systems	PEN-30806 Restoration Ecology	SBL-35306 The Carbon Dilemma	AEW-31806 Trending Topics in Biology and Chemistry of Soil and Water	PEN-30306 Plant, Vegetation and Systems Ecology
AF	YWU-30806 Environmental Data Collection and Analysis	SLM-32806 Ecohydrology OR SBL-32806 Biological Interactions in Soils			Free Choice		

Soil Biology

	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	
MO	YWU-30306 Interdisciplinary Topics in Earth and Environment	SBL-33306 Functional Agricultural Resource Management	SOC-33806 Environmental Analytical Techniques	SBL-51306 The Living Soil	SBL-35306 The Carbon Dilemma	AEW-31806 Trending Topics in Biology and Chemistry of Soil and Water	FTE-50806 Conservation Agriculture
AF	YWU-30806 Environmental Data Collection and Analysis	SBL-32806 Biological Interactions in Soils			SBL-31806 Nutrient Management		

Soil Chemistry

	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	
MO	YWU-30306 Interdisciplinary Topics in Earth and Environment	SOC-36306 Biogeochemical Cycles and Climate Change Mitigation	SOC-33806 Environmental Analytical Techniques	SOC-34806 Applications in Soil and Water Chemistry	SBL-35306 The Carbon Dilemma	AEW-31806 Trending Topics in Biology and Chemistry of Soil and Water	SOC-35806 Field Training Soil-Vegetation-Atmosphere Interactions
AF	YWU-30806 Environmental Data Collection and Analysis	SBL-32806 Biological Interactions in Soils			SBL-31806 Nutrient Management		