



Photo: Bent Christensen

Courses in Biology, Earth- and Environmental sciences

Offered in English by EMG, Umeå University

Autumn courses

Requirement 120 ECTS

Period 1:

Forest Ecology 15 ECTS
Aquatic Ecosystems 7,5 ECTS
Aquatic Ecosystem Ecology 7,5 ECTS
Aquatic Biogeochemistry 7,5 ECTS
Arctic Ecosystems 15 ECTS
Environmental Biogeochemistry 15 ECTS
Transition towards a sustainable society 15 ECTS
(Note 180 ECTS needed)

Period 2:

Global Change Science 15 ECTS
Analysis of field data 15 ECTS
Sustainability Science 15 ECTS (Note 180 ECTS needed)

Requirements 60 ECTS

Period 2:

Freshwater Management 15 ECTS

Spring courses

Requirements 120 ECTS

Period 1:

Analyses of environmental changes 15 ECTS
Ecological dynamics 15 ECTS
Molecular Ecology and Evolution 15 ECTS

Period 2:

Terrestrial Biogeochemistry 15 ECTS
Ecosystem Management 15 ECTS

Requirements 60 ECTS

Period 1:

Geographical Information system 15 ECTS
Cellbiology and physiology 15 ECTS

Period 2:

Genetics and Evolution 15 ECTS

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