

Department of Physical Geography

Elective courses for the NLANO Master's Programme in Landscape Ecology, 120 credits, study year 2017-2018

Decided by the Head Director of Studies 2017-02-08, after consultancy with the department's educational advisory group and Department of Biology Education.

Within the program, 15 credits courses must be chosen from a list of elective courses in Physical Geography and Quaternary Geology with specialisation Landscape Ecology.

Also courses attended at other universities can count as eligible courses. In that case, please contact the program responsible or the main subject responsible for approval.

List of elective courses by the Department of Physical Geography:

- GE7007 International Environmental Issues, 15 credits
- GE7015 Environmental Management in Planning, 15 credits
- GE7021 Traineeship in Physical Geography, 15 credits
- GE7022 Applied Environmental Modelling, 15 credits*
- GE7025 Local to Global Water Vulnerability and Resilience, 15 credits
- GE7049 Ecohydrology - a Mediterranean perspective, 7.5 credits (Summer Course 2017)
- GE7063 Global Climate and Environmental Change, 15 credits*
- GE7069 Traffic and Environment, 15 credits (In Swedish)
- GE7070 Green Infrastructure in Forestry and Agriculture, 15 credits
- GE7071 Case Studies of Environmental Impact Assessments, 15 credits*
- GE7075 Political Ecology - Land Use and Natural Resources in a Local to Global Perspective, 15 credits
- GE8013 Geographic Analysis and Visualization in GIS, 15 credits
- GE8028 Advance Remote Sensing, 15 credits

List of elective courses by the Department of Biology Education:

- BL2019 Moss and Lichen Floristics with Field Inventory Methods, 6 credits (In Swedish)
- BL2021 Floristics, 5 credits (In Swedish)
- BL2022 Faunistics, 5 credits (In Swedish)
- BL4020 Biological Statistics I, 7.5 credits (In Swedish Spring Term and in English Autumn Term)
- BL5005 Ecology II, 15 credits
- BL5012 Ecotoxicology, 15 credits
- BL5026 Evolutionary Biology, 15 credits
- BL5028 Analysis and Presentation of Biological Data, 7.5 credits
- BL7028 Social-Ecological Systems: Challenges and Approaches, 15 credits
- BL7031 Urban Social-Ecological Systems, 15 credits
- BL7038 Plants in Environmental Treatment, 15 credits
- BL7040 Applied Marine Conservation Ecology, 15 credits
- BL7048 Biological Statistics II, 7.5 credits
- BL7050 Baltic Sea Ecosystem: Applications, Modeling and Management, 15 credits
- BL8001 Biodiversity: Patterns and Processes, 7.5 hp
- BL8011 Aquatic Ecology, 15 credits
- BL8038 Applied Environmental Protection for Biologists, 15 credits
- BL8049 Systems Theory and Resilience Thinking, 15 credits
- BL8056 Marine Population and Ecosystem Dynamics, 15 credits
- BL8057 Conservation of Populations, 15 credits

BL8059 Biological Statistics III, 7.5 credits

Note: By being admitted to the program you do not automatically gain admission to each of these courses. You have to fulfil the course requirements for each of the courses. See further information about the courses and their specific requirements on <http://sisu.it.su.se/search>. *For some of the courses with many applicants we may apply selection (restricted access), so we recommend to apply for alternative courses as well. We can't guarantee that all listed courses will be given within the respective term. More information about the courses you can find on our website www.natgeo.su.se and Department of Biology Education www.big.su.se.