

Subject list of the Complex Exam

After finishing the 2nd year (4 semesters), the students must pass a complex exam, a mandatory prerequisite for continuing the training. Subjects for the exam can be chosen from the following list:

Environmental Biology (KÖR-2/1):

Environmental microbiology
Environmental and conservation biology
Ecology
Environmental health
Environmental science of water

Environmental Physics (KÖR-2/2):

Radiation in the environment
Environmental material science and technology
Renewable energy sources
Physics of environmental flows
Environmental biophysics

Environmental Chemistry (KÖR-2/3):

Chemistry of environmental systems
Environmental technologies
Instrumental methods of analytical chemistry
Bio-inorganic chemistry
Atmospheric chemistry
Reaction kinetics and its applications

Environmental Earth Sciences (KÖR-2/4):

Applied meteorology and climatology
Environmental geology
Environmental geochemistry
Environmental geography
Hydrogeology
Sustainability and social science research

At the registration for the complex exam, the student, in accordance with her/his supervisor, may suggest subjects from different programs, provided that it is justified by the interdisciplinary character of the research topic.