

Subject list of the Complex Exam

(effective from 1 September, 2021)

After finishing the 2nd year (4 semesters), the students have to pass a Complex Exam, which is a mandatory prerequisite of continuing the training. Subjects for the Exam can be chosen from the following list:

Environmental Biology (KÖR-2/1):

- 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.