

## Lecture Announcement

### Summer Term 2024



## Chemistry and Environment

Prof. Dr. Guido Kickelbick

2 SWS (3 CP)

Dates: Tuesdays at 8:30 – 10:00, Starting Tue Apr 23, 2024

Lecture room: Building C4.3, Seminar Room II

Explore the crucial importance of chemical processes in maintaining the Earth's equilibrium. Discover how natural phenomena such as volcanic eruptions and human intervention disrupt this delicate balance. Deepen your knowledge of environmental chemistry through a variety of real-world examples in this lecture. Gain a deeper understanding of the impact of human emissions on our planet.

### Content

Introduction to environmental chemistry; atmosphere and air pollution; hydrosphere and water pollution; lithosphere/geosphere and soil pollution; biosphere; resources and sustainability.

### Target Audience

Students in bachelor's and master's science programs, as well as doctoral students. Basic knowledge of chemistry is assumed.