



What is the most appropriate and feasible approach to reduce ecological impact for these specific chemicals?

How can this be implemented and what are the limitations?

At regular intervals, the students will present their progress to the lecturer and discuss next steps. At the end of the case study, the students will report and discuss their findings in a seminar to invited stakeholders from the field (academia, industry, government).

### **Initial competences**

Master of Science level knowledge in at least one of the following disciplines: (eco)toxicology, environmental risk assessment, or environmental chemistry

### **Final competences**

- 1 Understand emerging issues in environmental risk assessment
- 2 Synthesize the current scientific evidence on an environmental risk assessment topic of emerging concern
- 3 Apply state-of-the-science models and tools for risk assessment of chemicals and communicate results to stakeholders
- 4 Perform exposure, effect, hazard and risk calculations according to current practice
- 5 Have knowledge about advanced monitoring and analytical tools for emerging chemicals and the interpretation of analytical results

### **Conditions for credit contract**

Access to this course unit via a credit contract is determined after successful competences assessment

### **Conditions for exam contract**

This course unit cannot be taken via an exam contract

### **Teaching methods**

Group work, Seminar, Lecture, Peer teaching

### **Study material**

Type: Slides

Name: lectures and guestlectures

Indicative price: Free or paid by faculty

Optional: no

Language : English

Available on Ufora : Yes

Online Available : No

Available in the Library : No

Available through Student Association : No

### **References**

### **Course content-related study coaching**

### **Assessment moments**

end-of-term and continuous assessment

### **Examination methods in case of periodic assessment during the first examination period**

Oral assessment

### **Examination methods in case of periodic assessment during the second examination period**

Oral assessment

### **Examination methods in case of permanent assessment**

Participation, Presentation, Peer and/or self assessment, Assignment

### **Possibilities of retake in case of permanent assessment**

examination during the second examination period is possible in modified form

### **Calculation of the examination mark**

End of term assessment:20%; Continuous assessment: 80%

In case of assignments in group: if there is a clear difference in the input between the different group members, the examination mark for this part can be different between the different group members.

Students who eschew continuous or end of term assessment may be failed by the examiner.

The maximum score in this case is 6/20.

