

Recommended plan of study

About the course

subject	Environmental Science
Recommended Study Plan	<p>Read about the Master Programme and find the Study Regulations at ruc.dk</p> <p>If you have any questions regarding study planning, available courses etc. please contact the study administration at inm-exams@ruc.dk</p> <h3>List of courses offered in the Autumn 2023</h3> <p>Mandatory courses</p> <ul style="list-style-type: none">• Introduction to Environmental Science (5 ECTS)• Environmental Management (5 ECTS)• Environmental Chemistry and Element Cycling (10 ECTS)• Data Analysis and Modelling in Environmental Science (5 ECTS) <p>Elective courses</p> <ul style="list-style-type: none">• Climate Change Ecology (5 ECTS)• Sustainable Use of Biological Systems (5 ECTS)• Environmental Regulation and Management with Geographical Information Systems (5 ECTS) note: it is recommended to follow this course prior to the elective course Spatial Analysis of the Environment in the spring <h3>List of courses offered in the spring 2024</h3> <p>Mandatory courses</p> <ul style="list-style-type: none">• Environmental Monitoring and Applications (5 ECTS) <p>Elective courses</p> <ul style="list-style-type: none">• Ecotoxicology – Theory and Practice (10 ECTS)• Molecular Methods in Ecology (5 ECTS)• Cancelled Environment and Health (5 ECTS)• Cancelled Spatial Analysis of the Environment (5 ECTS) note: it is recommended to follow the course Environmental Regulation and Management with Geographical Information Systems in the fall prior to this course• Biodiversity and Conservation (5 ECTS)• Project Management (5 ECTS) <p>Other courses available</p> <ul style="list-style-type: none">• Biophysical Chemistry (5 ECTS) Note: it is recommended that the student has a basic understanding of the laws of thermodynamics to sign up for this course• Applied Data Science and Data Visualisation (5 ECTS)• Good Practices in Experimental Sciences (5 ECTS) <p>Please note that it is the students own responsibility to ensure that these elective courses don't collide with other courses</p>

Course days:

Hold: 1

The programme's structure (click to read more)

time	01-02-2024 00:00 til 01-02-2024 00:00
forberedelsesnorm	ikke valgt

The programme's structure

First semester

Objective

The objective of the first semester is to give an introduction to the field of environmental science and to provide the necessary foundation within selected areas of natural science, data analysis and management.

Study activities

Mandatory study activities (25 ECTS)

- Introduction to Environmental Science (5 ECTS)
- Environmental Management (5 ECTS)
- Environmental Chemistry and Element Cycling (10 ECTS)
- Data Analysis and Modelling in Environmental Science (5 ECTS)

Elective courses (5 ECTS):

- Climate Change Ecology (5 ECTS)
- Sustainable Use of Biological Systems (5 ECTS)

Each semester, the board of studies approves a number of elective courses that the student can choose from. Course descriptions are found on study.ruc.dk.

Second semester

Objective

The objective of the second semester is to provide in-depth specialization within selected areas of environmental science.

Study activities

Mandatory study activities (5 ECTS)

- Environmental Monitoring and Applications (5 ECTS)

Elective courses (25 ECTS)

- Ecotoxicology – Theory and Practice (10 ECTS)
- Molecular Methods in Ecology (5 ECTS)
- Environment and Health (5 ECTS)
- Spatial Analysis of the Environment (5 ECTS)
- Biodiversity and Conservation (5 ECTS)
- Project Management (5 ECTS)

Each semester, the board of studies approves a number of elective courses that the student can choose from. Course descriptions are found on study.ruc.dk. Please note that the offering of the specialisation courses is depending on the total number of course registrations.

Third and fourth semester

Objective

The student can choose to participate in a project-oriented internship in the 3 semester. In this case the master thesis accounts for 45 ECTS and is initiated in the 3 semester alongside the internship. Otherwise the master thesis accounts for 60 ECTS and is placed in the 3 and 4 semester.

Study activities

On the 3 and 4 semester the student chooses between:

- Project-oriented Internship (15 ECTS) and Master Thesis (45 ECTS)
- Master Thesis (60 ECTS)