

## 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 <a href="https://ruc.dk">ruc.dk</a></p> <p>If you have any questions regarding study planning, available courses etc. please contact the study administration at <a href="mailto:inm-exams@ruc.dk">inm-exams@ruc.dk</a></p> <p><b>List of courses offered in the fall 2022</b></p> <p>Mandatory courses</p> <ul style="list-style-type: none"><li>• Introduction to Environmental Science</li><li>• Environmental Management</li><li>• Environmental Chemistry and Element Cycling</li><li>• Data Analysis and Modelling in Environmental Science</li></ul> <p>Elective courses</p> <ul style="list-style-type: none"><li>• Climate Change Ecology</li><li>• Sustainable Use of Biological Systems</li><li>• Constituent course in GIS and knowledge base for selected environmental regulations</li></ul> <p>*NOTE: it is recommended to follow this course prior to the elective course Spatial Analysis of the Environment in the spring</p> <p><b>List of courses offered in the spring 2023</b></p> <p>Mandatory courses</p> <ul style="list-style-type: none"><li>• Environmental Monitoring and Applications</li></ul> <p>Elective courses</p> <ul style="list-style-type: none"><li>• Ecotoxicology – Theory and Practice</li><li>• Molecular Methods in Ecology</li><li>• Environment and Health</li><li>• Spatial Analysis of the Environment *NOTE it is recommended to follow the course Constituent course in GIS and knowledge base for selected environmental regulations in the fall prior to this course</li><li>• Biodiversity and Conservation</li><li>• Project Management</li></ul>

Course days:

Hold: 1

### The programme's structure (click to read more)

time	01-02-2023 00:00 til 01-02-2023 00:00
forberedelsesnorm	ikke valgt
forberedelsesnorm D-VIP	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](http://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](http://study.ruc.dk). Please note that the offering of the elective courses is depending on sufficient 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)