

# Bachelor's Programme in Environment, Climate, and Sustainable Development

Kandidatprogrammet i miljö, klimat och hållbar utveckling 180 credits

F7KMK

Valid from: 2024 Autumn semester

### Determined by

Board of the Faculty of Arts and Sciences

#### Date determined

2023-11-09

#### **Revised by**

Chairman of the Course and Programme Syllabus Board at the Faculty of Arts and Sciences

#### **Revision date**

2024-04-29

#### **Registration number**

LiU-2023-04030; LiU-2024-02491

#### Offered first time

Autumn semester 2024

Offered for the last time

**Replaced by** 



# Entry requirements

General entry requirements for undergraduate studies

# Threshold requirements

For admission to courses within the programme, see the respective syllabus for specific entry requirements

# Degree in Swedish

Filosofie kandidatexamen med huvudområde miljövetenskap

# Degree in English

Degree of Bachelor of Science with a major in Environmental Science



# Curriculum

### Semester 1 (Autumn 2024)

| Course<br>code | Course name  | Credits | Level | Weeks              | ECV |
|----------------|--|---------|-------|--------------------|-----|
| 746G55         | Introduction to Environmental Science and<br>Sustainable Development | 7.5     | G1N   | v202434-<br>202438 | С   |
| 746G56         | Scientific Theories and Methods in<br>Environmental Science          | 15      | G1N   | v202439-<br>202448 | С   |
| 746G57         | Environmental Complexity in Policy and Practice                      | 7.5     | G1N   | v202449-<br>202503 | С   |

### Semester 2 (Spring 2025)

| Course<br>code | Course name   | Credits | Level | Weeks              | ECV |
|----------------|---|---------|-------|--------------------|-----|
| 746G58         | Systems in Nature and Society                         | 7.5     | G1N   | v202504-<br>202508 | С   |
| 746G60         | Knowledge Support for Environmental<br>Communication  | 7.5     | G1N   | v202509-<br>202513 | С   |
| 746G59         | Environmental Assessment, Management, and<br>Planning | 15      | G1N   | v202514-<br>202523 | С   |

### Semester 3 (Autumn 2025)

| Course<br>code | Course name                                | Credits | Level | Weeks              | ECV |
|----------------|--|---------|-------|--------------------|-----|
| 746G61         | Biogeochemistry and Environmental Analysis | 15      | G1F   | v202534-<br>202543 | С   |
| 746G62         | Environmental Governance and Economics     | 15      | G1F   | v202544-<br>202603 | С   |

### Semester 4 (Spring 2026)

| Course<br>code | Course name                                | Credits | Level | Weeks              | ECV |
|----------------|--|---------|-------|--------------------|-----|
| 746G63         | The Emergence and Change of Social Systems | 15      | G1F   | v202604-<br>202613 | С   |
| 746G64         | Sustainable Systems of the Future          | 15      | G1F   | v202614-<br>202623 | С   |



## Semester 5 (Autumn 2026)

| Course<br>code | Course name  | Credits | Level | Weeks              | ECV |
|----------------|--|---------|-------|--------------------|-----|
| 709G12         | Field Courses - Cities and Urban Planning              | 7.5     | G2F   | v202634-<br>202638 | E   |
| 746G26         | Analytical Environmental Chemistry                     | 7.5     | G1F   | v202634-<br>202638 | E   |
| 746G30         | National Environmental Management                      | 7.5     | G1F   | v202634-<br>202638 | E   |
| 746G37         | Research Skills in Environmental Science               | 7.5     | G1F   | v202634-<br>202638 | E   |
| 746G53         | Internship in Environmental Science                    | 7.5     | G2F   | v202634-<br>202638 | E   |
| 746G28         | International Environmental Management                 | 7.5     | G1F   | v202639-<br>202643 | E   |
| 746G33         | Inspection and Control of Food and Health<br>Security  | 7.5     | G1F   | v202639-<br>202643 | E   |
| 746G37         | Research Skills in Environmental Science               | 7.5     | G1F   | v202639-<br>202643 | E   |
| 746G53         | Internship in Environmental Science                    | 7.5     | G2F   | v202639-<br>202643 | E   |
| 746G19         | Environmental Law                                      | 7.5     | G1F   | v202644-<br>202648 | E   |
| 746G37         | Research Skills in Environmental Science               | 7.5     | G1F   | v202644-<br>202648 | E   |
| 746G50         | GIS as a tool in environmental science                 | 7.5     | G1F   | v202644-<br>202648 | E   |
| 746G53         | Internship in Environmental Science                    | 7.5     | G2F   | v202644-<br>202648 | E   |
| 709G16         | GIS in Social Planning                                 | 7.5     | G2F   | v202649-<br>202703 | E   |
| 746G29         | Environmental Monitoring                               | 7.5     | G1F   | v202649-<br>202703 | E   |
| 746G37         | Research Skills in Environmental Science               | 7.5     | G1F   | v202649-<br>202703 | E   |
| 746G49         | The Diversity of Ecology and Practical<br>Applications | 7.5     | G1F   | v202649-<br>202703 | E   |
| 746G53         | Internship in Environmental Science                    | 7.5     | G2F   | v202649-<br>202703 | E   |



## Semester 6 (Spring 2027)

| Course<br>code | Course name   | Credits | Level | Weeks              | ECV |
|----------------|---|---------|-------|--------------------|-----|
| 746G32         | Strategic Environmental Management                                    | 7.5     | G1F   | v202704-<br>202708 | E   |
| 746G37         | Research Skills in Environmental Science                              | 7.5     | G1F   | v202704-<br>202708 | E   |
| 746G53         | Internship in Environmental Science                                   | 7.5     | G2F   | v202704-<br>202708 | Е   |
| 746G35         | Thesis in Environmental Science                                       | 15      | G2E   | v202709-<br>202718 | С   |
| 746G31         | Project Management, Organizational Theory,<br>and Occupational Health | 7.5     | G1F   | v202719-<br>202723 | С   |

ECV = Elective / Compulsory /Voluntary \*Kursen läses över flera terminer

