BI1434 Skogsekologi och naturvård, ht 2025

Updated: 12 August 2025

**BI1434**

**Skogsekologi och naturvård**

**Forest Ecology and Conservation Biology**

This schedule may undergo minor changes during the course. The latest version is available on the course homepage.

\*Indicates mandatory sessions

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|  **Date** | **Time** | **Room** | **Type** | **Title** | **Instructor** | **Reading** |
| **Introduction** |  |
| Mon 01 Sep | 13.00-15.00 | Vita Havet | Lecture | Course Introduction | FAJ/SFH |  |
| Tue 02 Sep | 10.00-12.00 | Vita Havet | Lecture | Introduction to forest ecology and conservation biology | SFH | Routledge 1Ecology 23 |
|   | 13.00-15.00 | Vita Havet | Lecture | Introduction to term project | SFH |  |
| **Introduction to Conservation Biology** |  |
| Wed 03 Sep | 10.00-12.00 | Vita Havet | Lecture | Forest Biodiversity | AMH | Routledge 2, 21+ Choose one of Routledge 3, 4, or 5 |
| Thu 04 Sep | 10.00-12.00 | Sibirien | Lecture | Values and ethics in conservation biology | FAJ/SFH |  |
|   | 13.00-15.00 | Vita Havet |  Debate | Values and Ethics | FAJ /SFH |  |
| Fri05 Sep | 10.00-12.00 | Vita Havet | Literature seminar\* | Literature Seminar |  FAJ | Bradshaw et al (2021) *Frontiers in..* |
|   | 13.00-15.00 | Vita Havet | Lecture | Forest Management | FAJ | Ecology 11 |
| Mon 08 Sep | 09.00-12.00 | Vita Havet | Lecture | South African Forest Biodiversity? | RCS (guest lecturer) |  |
| **Excursions for Conservation Planning** |  |
|   | 13:00-16.00 |  |  | ExcursionDegersjön | FAJ /SFH |  |
| Tue09 Sep | 08.45-12.00 |  |  | ExcursionManagement plan location  | FAJ /SFH/NR |  |
|   | 13:00-16.00 |  |  | ExcursionGrössjön | Marlene OlssonFAJ /SFH |  |
| **Community Ecology** |  |
| Wed 10 Sep | 10.00-12.00 | Vita Havet | Lecture | Plant Functional Traits | CS | Ecology 16 |
| Thu 11 Sep | 10.00-12.00 | Vita Havet | Lecture | Plant – Soil Feedback | CS |  |
|   | 13.00-15.00 | Vita Havet | Lecture | Plants – Fungi and Mycorrhizal Networks | SFH | Routledge 22 |
| Fri12 Sep | 10.00-12.00 | Sibirien | Lecture | Trophic Cascades | RS  | Ecology 21 |
|   | 13.00-16.00 |   | Lab\* | Isle Royale |   |  |
| **Ecosystem Ecology** |  |
| Mon 15 Sep | 13.00-16.00 |  | Lab\* | Community Dynamics |  |  |
|   | 13.00-15.00 | Vita Havet | Lecture | Invasive Species | NR  |  |
| Tue 16 Sep | 10.00-12.00 |  | Lab\* | Decomposition |   |  |
|   | 13.00-15.00 | Vita Havet | Lecture | Forest Ecosystems (incl. C and N) | MG | Routledge 23, 25Ecology 22 |
| Wed 17 Sep | 10.00-12.00 | Vita Havet | Lecture | Forest Succession | MG | Routledge 10 |
| Thu 18 Sep | 10.00-12.00 | Vita Havet | Lecture | Forest Diversity, Function, and Resilience | MG |  |
|   | 13.00-15.00 | Bokskogen | Workshop\* | Finding Information  | JP |  |
| Fri 19 Sep | 10.00-12.00 | Sibirien | Literature Seminar\* | Literature Seminar | SFH | Bastin et al (2019) *Science* |
|   | 13.00-16.00 |   | Lab\* | Intermediate Disturbance Hypothesis |   |  |
| **Behavioural Ecology** |  |
| Mon 22 Sep | 10.00-12.00 | Vita Havet | Lecture | Animal Behaviour  | AB |  |
|   | 13.00-15.00 | Sibirien | Lecture | Sociality | AB |  |
| Tue 23 Sep | 10.00-12.00 |  | Lab\* | Behavioural Ecology |  |  |
|   | 13.00-15.00 |  |  | Open time |  |  |
| Wed 24 Sep | 10.00-12.00 | Vita Havet | Literature seminar\* | Literature Seminar | SFH | Bello et al (2015) *Science* |
| Thu 25 Sep | 10.00-12.00 | Sibirien |  | Term Project Meetings | FAJ/ SFH |  |
|   | 13.00-15.00 |  |   | Open time |  |  |
| Fri26 Sep | 10.00-12.00 | Sibirien  | Workshop\* | Writing Workshop | MW  |  |
|   | 13.00-16.00 |  | Lab\* | Genetic Drift and Bottlenecked Ferrets |   |  |
| **Evolutionary Ecology** |  |
| Mon 29 Sep | 10.00-12.00 | Vita Havet | Lecture | Population Genetics | AN  | Ecology 6 |
|   | 13.00-15.00 |  | Lab\* | Finches and Evolution |  |  |
| **Population Ecology** |
| Tue 30 Sep | 9.00-12.00 | Sibirien | Workshop | Population Growth Models | TH (10-12)  | Ecology 9, 10 |
|   | 13.00-15.00 | Sibirien  | Lecture | Population Ecology I | TH  |  |
| Wed 01 Oct | 10.00-12.00 | Vita Havet | Lecture | Population Ecology II | TH  |  |
| **Landscape Ecology** |  |
| Thu 02 Oct | 10.00-12.00 | Vita Havet | Lecture | Landscape Ecology  |  EH | Routledge 30Ecology 18 |
|   | 13.00-16.00 |  | Lab\* | Patchy Prairies |  |  |
| Fri 03 Oct | 10.00-12.00 | On your own | Reading | Landscape Genetics |  | Feng & Du (2022) *Frontiers in…* |
|   | 13.00-16.00 |  |  | Excursion |  |  |
| **Forest Conservation** |  |
| Mon 06 Oct | 10.00-12.00 | Vita Havet | Lecture | Restoration Ecology I | JS |  |
|   | 13.00-15.00 | Vita Havet | Lecture | Restoration Ecology II | FAJ |  |
| Tue 07 Oct | 10.00-12.00 | Vita Havet | Lecture | Nature Preservation and Protected Areas | JS |  |
|   | 13.00-15.00 | Vita Havet | Lecture | Climate change | FAJ | Routledge 36 |
| Wed 08 Oct | 10.00-12.00 | Vita Havet | Lecture | Local to Global – Challenges and Solutions | SMH  |  |
| Thu 09 Oct | 10.00-12.00 | Vita Havet | Lecture | Conservation in Practice – Successes and Failures | SMH  |  |
|   | 13.00-15.00 | Vita Havet | Lecture | International perspectives of conservation | AMRCW (guest lecturer) | Routledge 6Routledge 28 |
| Fri 10 Oct | 10.00-12.00 | Sibirien  | Lecture | Plants and fungi in forest succession | VB |  |
|  | 13.00-15.00 |  | Lab\* | Climate Change |  |  |
| Mon 13 Oct | 10.00-12.00 | Vita Havet+ field | Lecture + field | Quantifying biodiversity | FAJ/SFH |  |
|   | 13.00-16.00 | Field +Vita Havet |  + data processing | Quantifying biodiversityExercise  | FAJ/SFH |  |
| Tue 14 Oct | 10.00-12.00 | Vita Havet | + open traps | Process data | NR  |  |
|   | 13.00-15.00 | Vita Havet | Lecture | AI activity | FAJ/SFH |  |
|  **Term Project** |  |
| Wed 15 Oct | 10.00-12.00 |  | Self Study | Term Project |  |  |
| Thu 16 Oct | 10.00-12.00 |  | Self Study | Term Project |  |  |
|   | 13.00-15.00 |  | Self Study | Term Project |  |  |
| Fri 17 Oct | 10.00-12.00 |  | Self Study | Term Project |  |  |
|  | 13.00-15.00 |  | Self Study | Term Project |  |  |
| Mon 20 Oct | 09.00-12.00 |   | Self Study | Term Project |  |  |
|  | 13.00-15.00 |  | Self Study | Term Project |  |  |
| Tue 21 Oct | 09.00-16.00 |   | Self Study | Term Project |   |  |
|  | 13.00-15.00 |  | Self Study | Term ProjectWritten Due: 23:59 |  |  |
| Wed 22 Oct | 09.00-16.00 |   | Self Study | Term Project |   |  |
| Thu 23 Oct | 13.00-14.00 |  | Self Study | Study Time |  |  |
| Fri 24 Oct | 09.00-16.00 |  | Self Study | Study Time |   |  |
| **Final Exam** |  |
| Mon 27 Oct | 09.00-12.00 | Vita Havet | \* | Oral Presentations |   |  |
|   | 13.00-16.00 |  | Self Study | Study Time |   |  |
| Tue 28 Oct | 10.00-12.00 |   | Self Study | Study Time |   |  |
|   | 13.00-16.00 |   | Self Study | Study Time |   |  |
| Wed 29 Oct | 09.00-12.00 |  | Exam | Written Exam |   |  |
| Thu 30 Oct | 09.00-12.00 | Enbäret | Exam | Oral Exam | FAJ/SFH |  |
|  | 13.00-14.00 | Vita Havet | Lecture\* (Mandatory) | Course Conclusion | FAJ/SFH |  |

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| **Course Leaders** |  |
| FAJ | Faith Jones | Institutionen för vilt, fisk och miljö  |
| SFH  | Stefan Hupperts | Institutionen för skogens ekologi och skötsel  |
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| **Course Instructors**  |  |
| AB  | Aneesh Bose  | Institutionen för vilt, fisk och miljö  |
| AMHAM  | Anne-Maarit HekkalaAnnrose  | Institutionen för vilt, fisk och miljö Institutionen för skogens ekologi och skötsel |
| AM | Annrose Mwangi | Institutionen för skogens ekologi och skötsel  |
| AN | Anita Norman | Institutionen för vilt, fisk och miljö  |
| CS | Clydecia Spitzer | Institutionen för skogens ekologi och skötsel  |
| EH  | Eliza Hasselquist  | Institutionen för skogens ekologi och skötsel  |
| JP | Jonas Petersson | Library |
| JS  | Johan Svensson | Institutionen för vilt, fisk och miljö  |
| MG  | Michael Gundale  | Institutionen för skogens ekologi och skötsel  |
| MS  | Maja Sundqvist  | Institutionen för skogens ekologi och skötsel  |
| MWNR | Maria WiklundNolan Rappa | LibraryInstitutionen för vilt, fisk och miljö |
| RCS | Rudi C Swart | Nature's Valley Trust, South Africa. Guest Lecturer.  |
| NR | Nolan Rappa | Institutionen för vilt, fisk och miljö  |
| RS | Robert Spitzer | Institutionen för vilt, fisk och miljö  |
| SMH  | Sheila Holmes  | Institutionen för vilt, fisk och miljö  |
| THVB | Tim HofmeesterVincent Buness | Institutionen för vilt, fisk och miljöInstitutionen för skogens ekologi och skötsel  |
| VB | Vincent Buness | Institutionen för skogens ekologi och skötsel  |