Biodiversity and Ecosystem Management A1N

1 Name, Scope and Level of the Course
The course is provided by the University of Skövde and is named Biodiversity and Ecosystem Management A1N. It comprises 15 credits and is on advanced level. The level of progression of the course is A1N.

2 Objectives
After completed course the student should be able to:

- discuss and critically review theories and current research in the field of biodiversity and ecosystem management,
- discuss the importance of biodiversity for ecosystem functions and services,
- describe, analyze and discuss the effects of management of biological resources based on ecological models,
- describe and reflect over digital methods utilized in the management of biological resources,
- design a simplified plan for management of species or ecosystems,
- identify and discuss ethical considerations relevant for management of biological resources, and
- identify and discuss different perspectives on management of biological resources and associated sources of conflicts.

3 Course Content
The course provides advanced understanding of ecological theories and models used in management of biological resources. The course also delve into the relation between biodiversity, ecosystem functions and ecosystem services. It contains practical exercises e.g. ecological modelling and creating simplified plans for management of species or ecosystems. The course includes examples from both terrestrial and aquatic systems.

4 Forms of Teaching
The teaching comprises lectures, seminars and exercises.

Depending on the study period, the language of tuition may be Swedish or English. Even if the teaching is conducted in Swedish, some English may still occur.

5 Examination
The course is graded A (Excellent), B (Very good), C (Good), D (Satisfactory), E (Sufficient) or F (Fail).

Registration of examination results:

<table>
<thead>
<tr>
<th>Name of examination</th>
<th>Credits</th>
<th>Grading</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supervised examination 1</td>
<td>5 credits</td>
<td>A/B/C/D/E/F</td>
</tr>
<tr>
<td>Written assignment 1</td>
<td>3 credits</td>
<td>G/U</td>
</tr>
<tr>
<td>Written assignment 2</td>
<td>4 credits</td>
<td>G/U</td>
</tr>
<tr>
<td>Written assignment 3</td>
<td>1 credits</td>
<td>G/U</td>
</tr>
<tr>
<td>Seminars</td>
<td>2 credits</td>
<td>G/U</td>
</tr>
</tbody>
</table>

1 Determines the final grade of the course.
Students with a permanent disability who have been approved for special educational support may be offered adapted or alternative examinations.

6 Admission Requirements
The prerequisites for this course are passed courses of 180 credits of which at least 90 credits in bioscience or equivalent. A further requirement is proof of skills in English equivalent of studies at upper secondary level in Sweden, known as English course 6 / English course B (or equivalent). This is normally demonstrated by means of an internationally recognized test, e.g. IELTS or TOEFL.

7 Subject, Main Field of Study and Disciplinary Domain
The course forms a part of the academic subject area of Bioscience. The course is a part of the main field of study in Bioscience at the University of Skövde. The disciplinary domain of the course is Natural Sciences.

Every course at the University of Skövde belongs to a subject. The division of subjects is used for follow-up and quality assurance. A main field of study is an area in which a degree can be awarded. Disciplinary domain is a division which is used by the government for the allocation of resources for studies at basic level and advanced level.

8 Approval of Course and Course Syllabus
The course was approved by the Curriculum Committee for Bioscience on 24 January 2019. This course syllabus was approved by the Curriculum Committee for Bioscience on 24 January 2019. It is valid from 1 July 2019.

9 Overlapping with Another Course
This course cannot constitute a part of a degree also containing a course the content of which is totally or partly equivalent to the content of this course.

10 Additional Information
Further information will be available on the university’s website before a course is given.

National and local regulations for higher education are available on the university’s website.

Upon completion of the course there will be a follow-up. The main purpose of this follow-up is to contribute to improvements of the course. The students’ experiences and views constitute one of the criteria for the follow-up and are gathered by means of course evaluations. The students will be informed of the results of the follow-up and any decisions regarding actions that are to be taken.

11 Course Literature and Other Educational Materials
Course material and scientific papers provided by the teacher.