COURSE SYLLABUS

Mikrobiologi G1N
Microbiology G1N
7.5 credits

1 Name, Scope and Level of the Course
The course is provided by the University of Skövde and is named Microbiology G1N. It comprises 7.5 credits and is on basic level. The level of progression of the course is G1N.

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

- describe different microorganisms, their structure, metabolism, growth and growth-control,
- describe microbial evolution and systematics, as well as microbial genomics,
- describe methods for microbial analyses,
- carry out basic laboratory tasks within microbiology, as well as interpret and present data.

3 Course Content
The course will provide basic knowledge in microbiology and reviews different microorganisms and their structure. Moreover metabolism, microbial growth and growth-control are included. Microbial evolution and systematics, microbial genomics as well as methods for microbial analyses are also part of the course.

4 Forms of Teaching
The teaching comprises lectures and laboratory sessions. The laborations are mandatory.

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).

The examination Laboratory assignment involves a dugga. The purpose of the dugga is to ensure that the student has the required knowledge regarding safety surrounding the laboratory work. The dugga also secure that the student can perform the laboratory in an occupational workmanlike manner. The student must pass the dugga in order to be able to participate and complete the laboration.

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>written</td>
<td>6 credits</td>
</tr>
<tr>
<td>Laboratory assignment(^2)</td>
<td>1.5 credits</td>
<td>G/U</td>
</tr>
</tbody>
</table>

\(^1\) Determines the final grade of the course.
\(^2\) The exam contains dugga.

Students with a permanent disability who have been approved for special educational support may be offered adapted or alternative examinations.

6 Admission Requirements
The special prerequisites for this programme, besides basic eligibility for university studies, are the following upper secondary school courses Mathematics B, Science studies B, Civics A, English B or Mathematics 2a / 2b / 2c, Science studies 2, Civics 1b /1a1 +1a2, English 6.
The corresponding English proficiency can normally be shown by an internationally recognized language tests, such as IELTS or TOEFL (or equivalent).

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 course can also be a part of the main field of study in Biomedicine. 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 12 September 2019. This course syllabus was approved by the Curriculum Committee for Bioscience on 12 September 2019. It is valid from 1 January 2020 and replaces the course syllabus approved 12 September 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


The latest edition of the course literature should be used.