COURSE SYLLABUS

Cancerbiologi G1N
Cancer Biology G1N
7.5 credits

1 Name, Scope and Level of the Course
The course is provided by the University of Skövde and is named Cancer Biology 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:

- broadly account for the molecular and cellular processes that govern the regulation of the cell cycle
- brief and in a popular way describe causes to the canceruppkomsten and its dispersion
- demonstrate an understanding of various types of cancer and brief describe the different treatment methods that are
- in a general way account for an optional cancer

3 Course Content
The course contains an overview of cancer, where cell biology and molecular biology are basic for an understanding of the origin of cancer. Inter alia so, the structure of the cell and its replication come - transcription and translation - system to be treated. Also the underlying causes of the canceruppkomstens come to be treated where central concepts as mutations, suppressorgener and oncogenes will be discussed and different treatment strategies.

4 Forms of Teaching
The teaching comprises lectures and seminars/group discussions.

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 G (Pass) or U (Fail).

Registration of examination results:

<table>
<thead>
<tr>
<th>Name of examination</th>
<th>Credits</th>
<th>Grading</th>
</tr>
</thead>
<tbody>
<tr>
<td>Written assignments</td>
<td>7.5 credits</td>
<td>G/U</td>
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Students with a permanent disability who have been approved for special educational support may be offered adapted or alternative examinations.

6 Admission Requirements
General requirements for university studies.

7 Subject, Main Field of Study and Disciplinary Domain
The course forms a part of the academic subject area of Biomedicine. The course is a part of the main field of study in Biomedicine at the University of Skövde. The course can also be a part of the main field of study in Molecular Biology. 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 The Board of the Department of Natural Sciences on 10 January 2002. This course syllabus was approved by the Curriculum Committee for Health on 19 December 2017. It is valid from 1 July 2018 and replaces the course syllabus approved 22 October 2009.

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, e.g.
Genetics G1N 7.5 credits
Tumor Biology A1N 7.5 credits
Cell Biology I G1N 7.5 credits

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
Scientific papers.