1 Name, Scope and Level of the Course
The course is provided by the University of Skövde and is named Tumor Biology G1F. It comprises 7.5 credits and is on basic level. The level of progression of the course is G1F.

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

- account for the central concepts of the tumor biology area and for nomenclature and classification of tumor types,
- describe the cell cycle and its regulation and explain the mechanisms behind the transformation of a normal cell into a tumor cell,
- apply and explain some analytical methods used for studying cancer cells,
- orally and in writing present scientific results and assess scientific papers from scientific, social and ethical aspects.

3 Course Content
This course will give the students knowledge in theoretical and experimental aspects in tumor biology, including tumor epidemiology, pathology, diagnosis and treatment.

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

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</td>
<td>4 credits</td>
<td>A/B/C/D/E/F</td>
</tr>
<tr>
<td>Laboration</td>
<td>2 credits</td>
<td>G/U</td>
</tr>
<tr>
<td>Seminar</td>
<td>1.5 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
Prerequisite courses for this course are: passed BM136G-Genetics G1N and attended MB105G-Cell Biology G1N (or the equivalent).

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 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 Health on 23 May 2018. This course syllabus was approved by the Curriculum Committee for Health on 23 May 2018. It is valid from 1 July 2018 and replaces the course syllabus approved 1 July 2018.

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


Scientific papers.

Latest edition of the literature should be used.