

Syllabus

for course at advanced level

Molecular Pathogenesis of Immune Diseases
Immunsjukdomarnas molekylära patogenes

15.0 Higher Education
Credits
15.0 ECTS credits

Course code:	BL8036
Valid from:	Autumn 2010
Date of approval:	2009-10-19
Department	Department of Biology Education
Main field:	Biology
Specialisation:	A1N - Second cycle, has only first-cycle course/s as entry requirements

Decision

This syllabus has been approved by the Board of the Faculty of Science at Stockholm University.

Prerequisites and special admittance requirements

Admittance to the course requires knowledge equivalent to Immunology 15 credits. (Three credits corresponds to approximately two weeks full-time studies). Swedish upper secondary school course English B or equivalent or one of the following tests. Cambridge CPE och CAE: Pass. IELTS : 6.0 (with no part of the test below 5.0).

TOEFL (paper based): 550 (with minimum grade 4 on the written test part). TOEFL (computer based): 213.

TOEFL (internet based): 79.

Course structure

Examination code	Name	Higher Education Credits
8036	Molecular Pathogenesis of Immune Diseases	15

Course content

The course covers molecular causes for certain immune-mediated diseases in humans and other mammals. Autoimmune diseases, immune disorders, allergies and infectious diseases are studied from a molecular perspective. The course aims to provide an understanding of molecular mechanisms underlying immunological diseases and of related research (methodology) in the field. Pharmaceutical therapy strategies could also be discussed.

Learning outcomes

It is expected that the student after taking the course will have a deeper knowledge about the causes of certain immunological diseases as well as to be able to account for molecular immune reactions in physiological and pathological conditions.

Education

The education consists of lectures, seminars, exercises as well as written and oral presentations. Participation in all education is compulsory. An examiner may rule that a student is not obliged to participate in certain compulsory education if there are special grounds for this after consultation with the relevant teacher.

Forms of examination

a. Examination for the course is in the following manner: measurement of knowledge takes place through: Written or oral examination

b. Grading is carried out according to a 7-point scale related to learning objectives:

A = Excellent

B = Very Good

C = Good

D = Satisfactory

E = Sufficient

Fx = Fail

F = Fail

c. Grading criteria for the course will be distributed at the start of the course.

d. A minimum grade of E is required to pass the course, together with:

- approved written and oral presentations
- participation in all compulsory education

e. Students who fail to achieve a pass grade in an ordinary examination have the right to take at least further four examinations, as long as the course is given. The term “examination” here is used to denote also other compulsory elements of the course. Students who have achieved a pass grade on an examination may not retake this examination in order to attempt to achieve a higher grade. Students who have failed to reach a pass grade on two occasions have the right to request that a different teacher be appointed to set the grade of the course. A request for such appointment must be sent to the departmental board.

Interim

Students may request that the examination is carried out in accordance with this syllabus even after it has ceased to apply. This right is limited, however, to a maximum of three occasions during a two-year-period after the end of giving the course. A request for such examination must be sent to the departmental board.

Limitations

The course can not be included in a degree together with the course Molecular Pathogenesis of Immune Diseases 7,5 hp (BL8032) or the equivalents.

Misc

The course is a component of the Master's Programme in Biology, Marine Biology and Molecular Life Sciences, and it can also be taken as an individual course.

Required reading

Course literature is decided by the departmental board and is described in an appendix to the syllabus.