



**Karolinska
Institutet**

Course syllabus for

Applied Communication in Biomedicine 2, 5 credits

Tillämpad kommunikation i biomedicin 2, 5 hp

This course has been cancelled, for further information see Transitional provisions in the last version of the syllabus.

Please note that the course syllabus is available in the following versions:

Spring2013 , [Spring2016](#) , [Spring2020](#)

Course code	4BI094
Course name	Applied Communication in Biomedicine 2
Credits	5 credits
Form of Education	Higher Education, study regulation 2007
Main field of study	Biomedicine
Level	AV - Second cycle
Grading scale	Pass with distinction, Pass, Fail
Department	Department of Biosciences and Nutrition
Decided by	Programnämnd 7
Decision date	2012-11-07
Course syllabus valid from	Spring 2013

Specific entry requirements

A Bachelors degree or a professional degree worth at least 180 credits in biomedicine, biotechnology, cellular and molecular biology or medicine. English language skills equivalent to English B at Swedish upper secondary school. Passed the course Applied communication in biomedicine 1 including philosophy of science and bioethics at semester 1.

Objectives

Upon completion of the course the student should be able to:

With regard to knowledge and understanding

- understand and identify advances in experimental biomedical research,
- identify central concepts in relation to scientific communication contexts.

With regard to skills and ability

- review, critically analyse and discuss scientific articles in the field of biomedicine,

- orally and in writing present scientific articles.

With regard to judgment and attitude

- critically review and assess presentations of experimental biomedicine (apply assessment criteria),
- demonstrate a professional attitude, scientifically and ethically, in relation to scientific communication contexts.

Content

The course evolves around central concepts of applied communication in biomedicine. The course is focused on biomedical themes, which can illustrate the connection “physiology-disease-diagnostics-drug development-therapy”. Emphasis is on cellular and molecular mechanisms and advanced experimental methodologies. Seminars give aspects on the interaction between academia and the outside community. The course will also offer an insight into career development.

Teaching methods

Tutoring encompasses lectures, seminars and individual and/or group project work. The project work is focused on advancing knowledge by working in a group and with emphasis on individual contribution including reading scientific articles.

Examination

Passing of the course requires active participation and approved project work, including written and oral presentations of the topics dealt with during the course.

Compulsory participation

Seminars, project work including oral and written presentations are compulsory. The course director assesses if and, in that case, how absence can be compensated. Before the student has participated in all compulsory parts or compensated absence in accordance with the course director's instructions, the student's results for respective part will not be registered in LADOK. Absence from a compulsory activity may result in that the student cannot compensate the absence until the next time the course is given.

Limited number of examinations or practical training sessions

Students who have not passed the regular examination are entitled to participate in five more examinations. If the student is not approved after four examinations, he/she is recommended to retake the course at the next regular course date, and may, after that, participate in two more examinations. If the student has failed six examinations/tests, no additional examination or new admission is provided.

Transitional provisions

After each course occasion there will be at least six occasions for the examination within a two-year period from the end of the course.

Other directives

The course language is English.

A course evaluation will be conducted according to guidelines decided by the Board of Higher Education.

Oral evaluation in the form of course council meetings will be carried out during the course.

Literature and other teaching aids

Original and review articles constitute the course literature. For more information please contact the department.