

Education plan

for

Bachelor's Programme in Mathematics and Philosophy
Kandidatprogram i matematik och filosofi

180.0 Higher Education
Credits
180.0 ECTS credits

Programme code:	NMFIK
Valid from:	Autumn 2007
Date of approval:	2006-10-18
Department:	Department of Mathematics (incl. Math. Statistics)

Decision

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

Prerequisites and special admittance requirements

Swedish upper secondary school course Mathematics D, or equivalent.

Programme structure

The programme is a three year full-time study programme leading to a Bachelor's degree. It is composed of an obligatory part of 120 credits with courses in mathematics and theoretical philosophy and an optional specialization part of 60 credits in either mathematics or theoretical philosophy.

Goals

The main field of study is mathematics or theoretical philosophy. For a Degree of Bachelor students must

- demonstrate knowledge and understanding in their main field of study, including knowledge of the scientific basis of the field, knowledge of applicable methods in the field, in-depth knowledge of some part of the field and a general sense of current research issues,
- demonstrate an ability to seek, gather and critically interpret information that is relevant to a problem and to critically discuss phenomena, issues and situations,
- demonstrate an ability to independently identify, formulate and solve problems and to perform tasks within specified time limits,
- demonstrate an ability to present and discuss information, problems and solutions in dialogue with different groups, orally and in writing,
- demonstrate the skills required to work independently in the field that the education concerns,
- demonstrate an ability to make assessments in the main field of study, taking into account relevant scientific, social and ethical aspects,
- demonstrate insight into the role of knowledge in society and into people's responsibility for how knowledge is used, and
- demonstrate an ability to identify their need of further knowledge and to upgrade their capabilities.

Courses

Obligatory courses: Mathematics I, FL, 30 credits, Algebra and combinatorics, FL, 7.5 credits, Linear algebra II, FL, 7.5 credits, Mathematical analysis III, FL, 7.5 credits, Mathematical analysis IV, FL, 7.5 credits, Logic, SL, 7.5 credits, Theoretical philosophy I, FL, 22.5 credits, Theoretical philosophy II, FL, 30 credits.
Mathematics as the main field of study: Mathematics, degree project, FL, 15 credits, optional courses in mathematics 15 credits, optional courses 30 credits.

Theoretical philosophy as the main field of study: Theoretical philosophy, degree project, FL, 15 credits, optional courses in theoretical philosophy 15 credits, optional courses 30 credits.

Degree

Bachelor's degree

Misc

The Department of philosophy at Stockholm University also takes part in the education.