



Programme syllabus

Faculty Board of Science and Engineering
School of Computer Science, Physics and Mathematics

Bastermin i matematik och fysik, 22 Veckor

Foundation Semester in Mathematics and Physics, 22 Weeks

Level

Pre-university level

Establishment of Programme

Established by Faculty of Science and Engineering 2009-04-17

Date of Ratification

Approved by Committee for First and Second Cycle under the Faculty Board of Science and Engineering 2009-06-17

The programme syllabus is valid from spring semester 2011

Revised 2010-09-01

Prerequisites

NO VALUE DEFINED

Description of Programme

The foundation semester in Mathematics and Physics is a programme offering foundation courses in accordance with the regulations concerning pre-university and pre-university college courses that provide eligibility to study at university and university college level, SFS 1992:819. Linneus University's foundation courses provide competence equivalent to upper secondary school level. Guaranteed places are offered to certain education programmes in technology at Linneus University, see Other Information.

Linneus University wants to come into contact with new groups and enhance the competence of these students before they begin their university level studies. An additional aim is also to recruit more highly qualified students to natural sciences and technology. A further objective is to increase the flexibility within the programme to be able to meet students with varying previous knowledge from upper secondary school or adult secondary education.

Objectives

Having completed the programme the students should be able to assimilate studies within technology and engineering programmes at university level.

Content

Organization

The foundation semester in mathematics and physics provides eligibility equivalent to Mathematics D and Physics B. Students that already have the result in Mathematics D are offered Mathematics E instead.

The head of School of Computer Science, Physics and Mathematics appoints one person to be responsible for the programme and another person as programme advisor . The programme is offered by the same department.

Programme Survey

The programme comprises one semester of full-time studies (30 foundation year credit points). The courses are part-time with two courses running parallel.

The syllabus for the foundation course (providing eligibility) corresponds to the current policy documents for the equivalent courses in upper secondary school.

Courses in the Programme

Mathematics, 15 foundation year credit points (equivalent to Mathematics C+D)

Physics, 18 foundation year credit points (equivalent to Physics A+B)

Mathematics E, 6 foundation year credit points (eligible for students who have passed mathematics D)

Description of the courses included in the programme are given in separate syllabuses.

Quality Development

Written evaluations are made at the end of each course. The results of the evaluations are presented in course reports which are filed in the department's archives. The results of the previous year's evaluations and possible actions are communicated to the person responsible for the course and to those studying at the start of each course respectively.

Degree Certificate

The programme is a pre-university course and no certificate is awarded.

Other Information

The guaranteed places are offered to certain technology programmes at Linneus University, see current Course Catalogue as well as www.lnu.se. In order to be able to utilize the guaranteed places the student must be pursued with pass results throughout, for the foundation courses in the programme providing eligibility to university studies.

Students who have passed an equivalent course at upper secondary school level may include that result.