



Programme syllabus

[An accessible version of the syllabus can be found in the Course and programme directory.](#)

Degree Programme in Medical Technology 180 credits

Högskoleingenjörsutbildning i medicinsk teknik

Valid for students admitted to the education from autumn 07 (HT - Autumn term; VT - Spring term).

This is a translation of the Swedish, legally binding, programme syllabus.

Programme objectives

Knowledge and understanding

Skills and abilities

Ability to make judgements and adopt a standpoint

Extent and content of the programme

Eligibility and selection

Implementation of the education

Courses

The programme is course-based. Lists of courses are included in appendix 1.

Grading system

Courses in the first and the second cycle are graded on a scale from A to F. A-E are passing grades, A is the highest grade. The grades pass (P) and fail (F) are used for courses under certain circumstances.

Appendix 1 - Course list

Appendix 2 - Programme syllabus descriptions



Appendix 1: Course list

Degree Programme in Medical Technology (TIMEL)

General courses

Year 1

Mandatory courses (60.0 Credits)

Code	Name	Credits	Edu. level
HE1004	Digital Electronics	7.5 hp	First cycle
HI1900	Computer Programming, Basic Course	7.5 hp	First cycle
HN1900	Engineering and Information Skills	7.5 hp	First cycle
HN1901	Mathematics I	7.5 hp	First cycle
HU1900	Business Economics and Organizational Behaviour	7.5 hp	First cycle
HX1001	Biological Chemistry	7.5 hp	First cycle
HX1002	Anatomy, Physiology and Pathology	15.0 hp	First cycle

Optional courses

Code	Name	Credits	Edu. level
HX1000	Introduction to Chemistry	1.5 hp	First cycle

Year 2

Mandatory courses (60.0 Credits)

Code	Name	Credits	Edu. level
HE1005	Computer Engineering	7.5 hp	First cycle
HE1008	Analogue Technology	7.5 hp	First cycle
HE1009	Applied Electronics	7.5 hp	First cycle
HE1018	Data- and Telecommunication	7.5 hp	First cycle
HF1000	Mathematics 2	7.5 hp	First cycle
HL1005	Intensive Care and Surgical Devices	7.5 hp	First cycle
HL1006	Medical Measurement and Monitoring	7.5 hp	First cycle
HN1902	Environmental Science and Work Science	7.5 hp	First cycle



Appendix 2: Specialisations

Degree Programme in Medical Technology (TIMEL)

This programme has no specialisations.