



Programme syllabus

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

Master's Programme, Security and Mobile Computing 120 credits

Masterprogram, säker och mobil kommunikation

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

Master's Programme, Security and Mobile Computing (TSMKM)

General courses

Year 1

Mandatory courses (103.5 Credits)

Code	Name	Credits	Edu. level
II2202	Research Methodology and Scientific Writing	7.5 hp	Second cycle
IK2204	Advanced Internetworking	9.0 hp	Second cycle
IK2205	Inter Domain Routing	7.5 hp	Second cycle
IK2206	Internet Security and Privacy	7.5 hp	Second cycle
IK2207	Communication System Design	18.0 hp	Second cycle
IK2208	Communication System Design	24.0 hp	Second cycle
IK2209	Communication System Design	30.0 hp	Second cycle

Conditionally elective courses

Code	Name	Credits	Edu. level
EP2300	Management of Networks and Networked Systems	7.5 hp	Second cycle
ID2216	Developing Mobile Applications	7.5 hp	Second cycle
II1210	Network Society	7.5 hp	First cycle
IK1611	Dimensioning of Communication Systems	7.5 hp	First cycle
IK2210	GSM Network and Services	7.5 hp	Second cycle
IK2211	Data Links and Local Area Networks	7.5 hp	Second cycle
IK2212	Communication Systems Architectures	7.5 hp	Second cycle
IK2213	Network Services and Internet-based Applications	7.5 hp	Second cycle
IK2214	Telecom Policies and Regulatory Principles	7.5 hp	Second cycle
IK2554	Practical Voice Over IP (VoIP)	7.5 hp	Second cycle
IK2555	Wireless and Mobile Network Architectures	7.5 hp	Second cycle
IV2030	Management of IT-enabled Change	7.5 hp	Second cycle

Year 2

Mandatory courses (15.0 Credits)

Code	Name	Credits	Edu. level
IK2200	Communication System Design	15.0 hp	Second cycle

Conditionally elective courses

Code	Name	Credits	Edu. level
II1208	Global Entrepreneurial Leadership in ICT	7.5 hp	First cycle
II2200	Advanced Business Opportunities in ICT	15.0 hp	Second cycle
II2205	Business Opportunities in ICT	7.5 hp	Second cycle



Appendix 2: Specialisations

Master's Programme, Security and Mobile Computing (TSMKM)

This programme has no specialisations.