

# Bachelor programme in Information Systems Analysis

180 credits

Kandidatprogrammet i systemvetenskap

F7KSY

Valid from: 2017 Autumn semester

**Determined by**

Board of the Faculty of Arts and Sciences

**Date determined**

2006-08-30

**Revision date**

2014-11-28; 2016-04-11; 2017-10-20

## Entry requirements

Fluency in Swedish. General requirements. Mathematics B and Civics A.

## Degree in Swedish

Utbildningsprogrammet ger möjlighet till att erhålla Filosofie kandidatexamen i huvudområdet informatik inom programmet systemvetenskap med alternativt tillägg för vald inriktning:

- Management och verksamhetsutveckling
- Systemutveckling

## Degree in English

Bachelor of Science in Information Systems within the Bachelor Programme in Information Systems with alternative additions:

- Management and organisational development
- System development

## Curriculum

### Semester 1 (Autumn 2018)

Course code	Course name	Credits	Level	Weeks	Timetable module	ECV
725G96	Introduction to Information Systems – human, technology, organization	7.5	G1X	v201834-201839	-	C
725G92	Problem solving and programming	7.5	G1X	v201836-201903	-	C
725G95	IT-projects and project management	7.5	G1X	v201840-201845	-	C
725G93	Information Systems Development	15*	G1X	v201846-201913	-	C

### Semester 2 (Spring 2019)

Course code	Course name	Credits	Level	Weeks	Timetable module	ECV
725G93	Information Systems Development	15*	G1X	v201846-201913	-	C
725G90	Object Oriented Programming in Java	7.5	G1X	v201904-201912	-	C
725G88	Qualitative methods in theory and practice	7.5	G1X	v201914-201918	-	C
725G87	User perspectives on digital design	7.5	G1X	v201919-201923	-	C

### Semester 3 (Autumn 2019)

Course code	Course name	Credits	Level	Weeks	Timetable module	ECV
723G70	Management Accounting and Decision Support	7.5	G1X	v201934-201943	2/4	C
725G28	Databases and Data Modelling	7.5	G1X	v201944-202003	2/4	C
725G49	Enterprise Systems	7.5	G2X	v201944-202003	1/3	C

*Specialisation: Management and organisational development*

Course code	Course name	Credits	Level	Weeks	Timetable module	ECV
725G94	Organisational development and digitalization	7.5	G1X	v201934-201943	1/3	C

*Specialisation: System development*

Course code	Course name	Credits	Level	Weeks	Timetable module	ECV
725G97	Data Structures and Algorithms	7.5	G1X	v201936-201944	-	C

**Semester 4 (Spring 2020)**

Course code	Course name	Credits	Level	Weeks	Timetable module	ECV
725G86	The digitization of society	7.5	G1X	v202004-202008	-	C
725G99	Sustainable IT-projects and IT-Governance	15	G1X	v202009-202018	-	C
725G98	Perspectives on Security and IT	7.5	G1N	v202019-202023	-	C

**Semester 5 (Autumn 2020)**

Course code	Course name	Credits	Level	Weeks	Timetable module	ECV
725G97	Data Structures and Algorithms	7.5	G1X	v202036-202044	3	E

*Specialisation: Management and organisational development*

Course code	Course name	Credits	Level	Weeks	Timetable module	ECV
723G54	Business Ethics in a Globalized World	7.5	G1N	v202034-202038	-	E
723G56	Classics of Organization Theory	7.5	G2X	v202034-202038	-	E
732G50	Introductory Statistics, basic course	7.5	G1X	v202034-202038	-	E
725G44	Practical Training - Information Technology and Business	15	G2X	v202034-202103	-	E
723G58	Entrepreneurship and Business Development	7.5	G1N	v202039-202043	-	E
723G60	Leadership and Culture	7.5	G2X	v202039-202043	-	E
723G62	Sustainable Business - an ecological perspective	7.5	G2X	v202044-202048	-	E
723G64	HRM and Leadership	7.5	G2X	v202044-202048	-	E
723G66	International Business	7.5	G1F	v202049-202103	-	E

*Specialisation: System development*

Course code	Course name	Credits	Level	Weeks	Timetable module	ECV
732G50	Introductory Statistics, basic course	7.5	G1X	v202034-202038	-	E
725G44	Practical Training - Information Technology and Business	15	G2X	v202034-202103	-	E
726A88	Software Testing	6	A1N	v202036-202044	2	E
729G85	Interaction Design and User Experience	9	G2F	v202036-202046	1	E
725G64	Software Engineering	12	G2X	v202036-202102	1	E
726G77	Programming in C++	6	G2X	v202036-202102	-	E
726G82	Advanced Programming in C++	6	G2F	v202036-202102	-	E
725G66	Programming in C# and the NET Framework	4	G2X	v202045-202102	3	E
726G81	Computer Security	6	G2F	v202045-202103	-	E
729G87	Interaction Programming	6	G2F	v202047-202102	3	E

**Semester 6 (Spring 2021)**

Course code	Course name	Credits	Level	Weeks	Timetable module	ECV
726G76	Research Methods in Social Sciences	7.5	G2F	v202104-202108	-	C
725G36	Bachelor Thesis in Information Systems	15	G1X	v202109-202118	-	C
725G89	Systems Analyst as a profession: man, technology and organisation	7.5	G1X	v202119-202123	-	C

*Specialisation: Management and organisational development*

Course code	Course name	Credits	Level	Weeks	Timetable module	ECV
726G74	Bachelor Thesis in Information Systems - Emphasis on Management and organizational development	15	G2E	v202109-202118	-	C

*Specialisation: System development*

Course code	Course name	Credits	Level	Weeks	Timetable module	ECV
726G75	Bachelor Thesis in Information Systems - Emphasis on Systems development	15	G2E	v202109-202118	-	C

ECV = Elective / Compulsory / Voluntary

\*Kursen läses över flera terminer