

# Bachelor programme in Information Systems Analysis

180 credits

Kandidatprogrammet i systemvetenskap

F7KSY

Valid from: 2016 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

## 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:

- IT och management
- IT och projekt
- IT-systemutveckling

## Degree in English

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

## Curriculum

### Semester 1 (Autumn 2016)

Course code	Course name	Credits	Level	Weeks	ECV
725G78	Introduction to IS – human, technology, organization	8	G1X	v201634-201643	C
725G83	Problem Solving and Programming	6	G1X	v201635-201702	C
725G81	IT Project Management - Introduction	10	G1X	v201644-201703	C

### Semester 2 (Spring 2017)

Course code	Course name	Credits	Level	Weeks	ECV
725G47	Business Processes and IT	7	G1X	v201704-201708	C

### Semester 3 (Autumn 2017)

Course code	Course name	Credits	Level	Weeks	ECV
723G70	Management Accounting and Decision Support	7.5	G1X	v201734-201743	C
725G28	Databases and Data Modelling	7.5	G1X	v201744-201803	C
725G49	Enterprise Systems	7.5	G2X	v201744-201803	C

#### *Specialisation: IT and management*

Course code	Course name	Credits	Level	Weeks	ECV
725G94	Organisational development and digitalization	7.5	G1X	v201734-201743	C

#### *Specialisation: IT and projects*

Course code	Course name	Credits	Level	Weeks	ECV
725G94	Organisational development and digitalization	7.5	G1X	v201734-201743	C

*Specialisation: IT system development*

Course code	Course name	Credits	Level	Weeks	ECV
725G97	Data Structures and Algorithms	7.5	G1X	v201735-201743	C

**Semester 4 (Spring 2018)**

Course code	Course name	Credits	Level	Weeks	ECV
725G86	The digitization of society	7.5	G1X	v201804-201808	C
725G99	Sustainable IT-projects and IT-Governance	15	G1X	v201809-201818	C
725G98	Perspectives on Security and IT	7.5	G1N	v201819-201823	C

**Semester 5 (Autumn 2018)**

*Specialisation: IT and management*

Course code	Course name	Credits	Level	Weeks	ECV
723G54	Business Ethics in a Globalized World	7.5	G2X	v201834-201838	E
723G56	Classics of Organization Theory	7.5	G2X	v201834-201838	E
732G40	Introductory Statistics, basic course	7.5	G1X	v201834-201838	E
725G44	Practical Training - Information Technology and Business	15	G2X	v201834-201903	E
723G58	Entrepreneurship and Business Development	7.5	G1X	v201839-201843	E
723G60	Leadership and Culture	7.5	G2X	v201839-201843	E
723G62	Sustainable Business - an ecological perspective	7.5	G2X	v201844-201848	E
723G64	HRM and Leadership	7.5	G2X	v201844-201848	E
723G66	International Business	7.5	G2X	v201849-201903	E

*Specialisation: IT and projects*

Course code	Course name	Credits	Level	Weeks	ECV
732G40	Introductory Statistics, basic course	7.5	G1X	v201834-201838	E
725G42	Practical Training - Information Technology and Business	30	G2X	v201834-201903	E
725G44	Practical Training - Information Technology and Business	15	G2X	v201834-201903	E

*Specialisation: IT system development*

Course code	Course name	Credits	Level	Weeks	ECV
732G40	Introductory Statistics, basic course	7.5	G1X	v201834-201838	E
729G22	Interaction Design	6	G2X	v201834-201843	E
725G44	Practical Training - Information Technology and Business	15	G2X	v201834-201903	E
725G64	Software Engineering	12	G2X	v201836-201903	E
726G77	Programming in C++	6	G2X	v201836-201903	E
725G66	Programming in C# and the NET Framework	4	G2X	v201844-201903	E
729G26	Interaction Programming	6	G1X	v201844-201903	E

**Semester 6 (Spring 2019)**

Course code	Course name	Credits	Level	Weeks	ECV
725G53	Research Methods in Social Sciences	7.5	G1X	v201904-201908	C
725G36	Bachelor Thesis in Information Systems	15	G1X	v201909-201918	C
725G89	Systems Analyst as a profession: man, technology and organisation	7.5	G1X	v201919-201923	C

*Specialisation: IT and management*

Course code	Course name	Credits	Level	Weeks	ECV
725G57	Bachelor Thesis in Informatic - Emphasis on IT and Management	15	G1X	v201909-201918	C

*Specialisation: IT and projects*

Course code	Course name	Credits	Level	Weeks	ECV
725G58	Bachelor Thesis in Informatic Emphasis on IT and Project work	15	G1X	v201909-201918	C

*Specialisation: IT system development*

Course code	Course name	Credits	Level	Weeks	ECV
725G68	Bachelor thesis in information systems - systems development	15	G1X	v201909-201918	C

ECV = Elective / Compulsory / Voluntary  
\*Kursen läses över flera terminer