Master Programme in IT and Management

Masterprogram i IT och management
120 credits

F7MIT

Valid from: 2022 Autumn semester

Determined by

Board of the Faculty of Arts and Sciences

Date determined

2007-10-09

Revised by

Course and Programme Syllabus Board at the Faculty of Arts and Sciences

Revision date

2014-06-16; 2017-03-24; 2021-06-28; 2021-12-14

Registration number

LiU-2017-01242; LiU-2021-00972

Offered first time

Autumn semester 2008

Offered for the last time

Replaced by

Entry requirements

- A Bachelor's Degree equivalent to a Swedish Kandidatexamen in one of the following subject areas:
  - Information Systems
  - Business Administration
  - Cognitive Science
  - Computer Science
- English and Swedish corresponding to the level of English and Swedish in Swedish upper secondary education (Engelska 6 and Svenska 3)

Degree in Swedish

Filosofie magisterexamen med huvudområde Informatik
alternativt
Filosofie masterexamen med huvudområde Informatik

Degree in English

Degree of Master of Science (60/120 credits) with a major in Information Systems

Curriculum

Semester 1 (Autumn 2023)

Course code	Course name	Credits	Level	Weeks	Timetable module	ECV
725A48	Introduction to IT and Management	7.5	A1N	v202335-202339	-	C
725A44	Qualitative Research in IT and Management	7.5	A1N	v202340-202344	-	C
725A50	Agile Project Management for Digitalization	7.5	A1N	v202345-202403	1/3	C
725A51	Digital Innovation and Design	7.5	A1N	v202345-202403	2/4	C

Semester 2 (Spring 2024)

Specialisation: 1 Year Master

Course code	Course name	Credits	Level	Weeks	Timetable module	ECV
725A52	Digital Government - From Policy to Practice	7.5	A1N	v202404-202408	-	C
725A53	IT-Governance for Digitalization	7.5	A1N	v202409-202413	-	C
725A22	Master Thesis in Information Systems	15	A1E	v202414-202423	-	C

Specialisation: Master

Course code	Course name	Credits	Level	Weeks	Timetable module	ECV
725A52	Digital Government - From Policy to Practice	7.5	A1N	v202404-202408	-	C
725A53	IT-Governance for Digitalization	7.5	A1N	v202409-202413	-	C
725A28	Practical Training - Cooperation, profession, and roles	15	A1N	v202414-202423	-	C

Semester 3 (Autumn 2024)

Specialisation: Master

Course code	Course name	Credits	Level	Weeks	Timetable module	ECV
723G54	Business Ethics in a Globalized World	7.5	G1N	v202434-202438	-	E
723G92	Organization Theory and Analysis	7.5	G1N	v202434-202438	-	E
726G33	Co-creating Digital Solutions and Automation	7.5	G2F	v202434-202438	-	E
722A04	Strategy - Classic and Contemporary Views	15	A1N	v202434-202443	-	E
722A38	Classic Leadership and Organization Dilemmas	15	A1N	v202434-202443	-	E
722A77	Business Analytics	15	A1N	v202434-202443	-	E
725A34	Current Themes in Information Systems - Advanced IT and Management	15	A1N	v202434-202503	-	E
729G85	Interaction Design and User Experience	9	G2F	v202435-202445	1	E
725G97	Data Structures and Algorithms	7.5	G1N	v202436-202444	3	E
726A88	Software Testing	6	A1N	v202436-202444	2	E
725G64	Software Engineering	12	G2F	v202436-202503	1	E
726A89	Programming Project with Open Source Code	6	A1N	v202436-202503	4	E
726G77	Programming in C++	6	G2F	v202436-202503	1/2	E
726G82	Advanced Programming in C++	6	G2F	v202436-202503	1/2	E
723G58	Entrepreneurship and Business Development	7.5	G1N	v202439-202443	-	E
723G94	Leadership across Cultures	7.5	G1N	v202439-202443	-	E
723G62	Sustainable Business - an ecological perspective	7.5	G2F	v202444-202448	-	E
723G96	Human Resource Management	7.5	G1N	v202444-202448	-	E
747A18	Information Technology Law	7.5	A1N	v202444-202448	-	E

Course code	Course name	Credits	Level	Weeks	Timetable module	ECV
722A39	Contemporary International Management Paradoxes	15	A1N	v202444-202503	-	E
722A79	Leading Creative Change	15	A1N	v202444-202503	-	E
725G28	Databases and Data Modelling	7.5	G1N	v202444-202503	2/4	E
726G31	Digital Innovation Strategy and Entrepreneurship	7.5	G2F	v202444-202503	1	E
726G32	Business Intelligence and Data-driven Business Models	7.5	G2F	v202444-202503	3	E
733A89	Public Management and Steering in Public Organisations	7.5	A1N	v202444-202503	-	E
725G66	Programming in C# and the NET Framework	4	G2F	v202445-202503	3	E
726A85	Software Entrepreneurship	6	A1N	v202445-202503	2	E
726G81	Computer Security	6	G2F	v202445-202503	2	E
723G66	International Business	7.5	G1N	v202449-202503	-	E
747A53	Information Technology Law, continuation course	7.5	A1N	v202449-202503	-	E

Semester 4 (Spring 2025)

Specialisation: Master

Course code	Course name	Credits	Level	Weeks	Timetable module	ECV
725A33	Master Thesis in Information Systems	30	A2E	v202504-202523	-	C

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