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 2025)

Course code	Course name	Credits	Level	Weeks	Timetable module	ECV
725A44	Qualitative Research in IT and Management	7.5	A1N	v202534-202543	-	C
725A48	Introduction to IT and management	7.5	A1N	v202534-202543	-	C
725A50	Agile Project Management for Digitalization	7.5	A1N	v202544-202603	1/3	C
725A51	Digital Innovation and Design	7.5	A1N	v202544-202603	2/4	C

Semester 2 (Spring 2026)

Specialisation: 1 Year Master

Course code	Course name	Credits	Level	Weeks	Timetable module	ECV
725A52	Digital Government - from policy to practice	7.5	A1N	v202604-202608	-	C
725A53	IT-Governance for Digitalization	7.5	A1N	v202609-202613	-	C
725A55	Master Thesis in Information Systems	15	A1E	v202614-202623	-	C

Specialisation: Master

Course code	Course name	Credits	Level	Weeks	Timetable module	ECV
725A52	Digital Government - from policy to practice	7.5	A1N	v202604-202608	-	C
725A53	IT-Governance for Digitalization	7.5	A1N	v202609-202613	-	C
725A28	Practical Training - Cooperation, Profession, and Roles	15	A1N	v202614-202623	-	C

Semester 3 (Autumn 2026)

Specialisation: Master

Course code	Course name	Credits	Level	Weeks	Timetable module	ECV
723G54	Business Ethics in a Globalized World	7.5	G1N	v202634-202638	-	E
723G92	Organization Theory and Analysis	7.5	G1N	v202634-202638	-	E
726G33	Co-creating Digital Solutions and Automation	7.5	G2F	v202634-202638	-	E
722A38	Classic Leadership and Organization Dilemmas	15	A1N	v202634-202643	-	E
722A77	Business Analytics	15	A1N	v202634-202643	-	E
729G85	Interaction Design and User Experience	9	G2F	v202634-202644	1	E
725A54	Research Projects in Information Systems	7.5	A1N	v202634-202703	-	E
729G46	Information Technology and Programming	12	G1N	v202634-202703	1	E
726A88	Software Testing	6	A1N	v202636-202644	2	E
726G02	Programming, continuation: the Python language	3	G1F	v202636-202644	4	E
725G64	Software Engineering	12	G2F	v202636-202703	1	E
726G77	Programming in C++	6	G2F	v202636-202703	1/2	E
723G58	Entrepreneurship and Business Development	7.5	G1N	v202639-202643	-	E
723G94	Leadership across Cultures	7.5	G1N	v202639-202643	-	E
723G96	Human Resource Management	7.5	G1N	v202644-202648	-	E
747A18	Information Technology Law	7.5	A1N	v202644-202648	-	E
772G11	Sustainable Business - Integrating sustainability in business practice	7.5	G2F	v202644-202648	-	E
722A39	Contemporary International Management Paradoxes	15	A1N	v202644-202703	-	E
722A79	Leading Creative Change	15	A1N	v202644-202703	-	E

Course code	Course name	Credits	Level	Weeks	Timetable module	ECV
725A57	Managing Processes for Digitalization	7.5	A1N	v202644-202703	1/3	E
725G28	Databases and Data Modelling	7.5	G1N	v202644-202703	2/4	E
726G31	Digital Innovation Strategy and Entrepreneurship	7.5	G2F	v202644-202703	1	E
726G32	Business Intelligence and Data-driven Business Models	7.5	G2F	v202644-202703	3/4	E
733A89	Public Management and Steering in Public Organisations	7.5	A1N	v202644-202703	-	E
726G03	Data-centric Artificial Intelligence	6	G1F	v202645-202702	1	E
725G66	Programming in C# and the NET Framework	4	G2F	v202645-202703	3	E
726G81	Computer Security	6	G2F	v202645-202703	2	E
723G66	International Business	7.5	G2F	v202649-202703	-	E
747A53	Information Technology Law, continuation course	7.5	A1N	v202649-202703	-	E

Semester 4 (Spring 2027)

Specialisation: Master

Course code	Course name	Credits	Level	Weeks	Timetable module	ECV
725A56	Master Thesis in Information Systems	30	A2E	v202704-202723	-	C

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