

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 in Python as a Second Language | 3 | G2F | 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 | G2F | 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 – Preliminary courses

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

ECV = Elective / Compulsory / Voluntary

*Kursen läses över flera terminer