Master Programme in Information Systems
2017/2018

In our increasingly global world, IT is enabling communication and networking between people, both in private contexts and in professional businesses. The Master Programme in Information Systems at Uppsala University prepares you to pave the way in the rapidly developing area of Information Technology. It is an internationally competitive programme, with a focus on information systems, systems development, and project management.

ABOUT THE PROGRAMME

Information systems is an exciting and dynamic field and the Master Programme in Information Systems is based on the latest development and research in the IT field. The education provides skills in management of rapid and advanced system development methods for developing complex IT systems, useful in both professional work and research. The programme, which is taught in English, is a postgraduate degree for those with a background in, for example, Information Science, Software Engineering or Computer Science.

A major challenge for system developers is to develop computer systems that are based on clients’ and users’ needs. A software developer must be able to work in a team collaborating with administrators, economists, technicians and various types of users. The programme provides a thorough knowledge of how systems and applications interact with individuals and groups in various activities through courses in organisational communication, business administration, and human-computer interaction.

The Master’s programme is composed of three themes:

- Complex information systems (in courses directed towards declarative problem solving methods, artificial intelligence, and knowledge management)
- Methodology and method (in courses directed towards knowledge management, software engineering, and agile system development methods)
- Stakeholder and organisational perspective (in courses directed towards organisational behaviour, organisational communication, and human-computer interaction)

The courses are research-related and pre-research and business oriented with the entire system development cycle in focus. The programme provides practical skills by letting students use different systems development methods in real life projects. During training, students learn also how to manage major projects. After the programme the system developers can work with many
different kinds of professions related to the IT field, nationally and internationally.

DEGREE
The programme leads to a Master of Social Science (120 credits) with Information Systems as the main field of study. After one year it may also be possible to obtain a Master of Social Science (60 credits).

INSTRUCTION
The programme is offered in Uppsala. The teaching consists of lectures, lessons, and seminars. The courses are taught in English. More practically oriented teaching is laboratory lessons and supervision of assignments and essays.

Examination of courses takes place in the form of written tests, seminars and assignments. Completed courses are graded pass or pass with distinction.

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<td>COURSES WITHIN THE PROGRAMME</td>
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Year 1
- Problem solving methods
- Artificial intelligence
- Software engineering
- Knowledge management
- Communication and organising

Year 2
- Agile system development methods
- System development project
- Human-computer interaction
- Organisational behaviour
- Master’s thesis (one semester)

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<th>CAREER</th>
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After completing a degree, you can find employment as, for example:

- system developers
- project leaders
- IT managers
- systems architects
- test leaders
- game developers
- programmers
- web developers
- database designers
- management consultants
- IT educators
- researchers.

Successful completion of the programme qualifies you for PhD studies in Information Systems.
MASTER PROGRAMME IN INFORMATION SYSTEMS

120 credits

Autumn 2017 100% Campus

Location: Uppsala

Application Deadline: 2016-01-15

Enrolment Code: UU-M2214

Language of Instruction: English

Requirements:

Academic requirements
A Bachelor's degree, equivalent to a Swedish Kandidatexamen, from an internationally recognised university.
Also required is 90 credits in information systems or computer science or a similar field of study.

Language requirements
All applicants need to verify English language proficiency. This is normally attested by an internationally recognised test such as TOEFL or IELTS with the following minimum scores:

- IELTS: an overall mark of 6.5 and no section below 5.5
- TOEFL: Paper-based: Score of 4.5 (scale 1–6) in written test and a total score of 575. Internet-based: Score of 20 (scale 0–30) in written test and a total score of 90
- Cambridge: CAE, CPE

Exemptions for students from certain countries.

Selection: Students are selected based on:

- a total appraisal of previous academic studies with emphasis on grades and course work relevant to the programme; and
- a statement of purpose.

Fees: If you are not a citizen of a European Union (EU) or European Economic Area (EEA) country, or Switzerland, you are required to pay application and tuition fees. Read more about fees.

Application Fee: SEK 900
Tuition fee, first semester: SEK 60000
Tuition fee, total: SEK 240000

CONTACT & MORE INFO

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For general information about Master's studies at Uppsala University, please send an email to: masterprogrammes@uu.se