



#### DURATION OF STUDIES

1.5 years (3 semesters)

#### LANGUAGES OF INSTRUCTION

French, English

#### CONDITIONS OF REGISTRATION

[www.unige.ch/conditions/MA](http://www.unige.ch/conditions/MA)

#### ADMISSION CONDITIONS

Bachelor's degree in IT systems and services science awarded by the CUI, Bachelor's degree in computer science, mathematics, IT or digital sciences awarded by the Science Faculty, a degree worth 180 credits in computer science or management IT from a Swiss or foreign university, or a degree deemed equivalent by the academic committee.

### *Master's Programme*

## THE MASTER IN DIGITAL SYSTEMS AND SERVICES

follows on from the CUI's Bachelor's in Information Systems and Services Science. Students can choose one of several specialisations.

At the end of the programme, students will be capable of:

- Demonstrating their command of fundamental concepts in their chosen specialisation (e.g. information security, user experience)
- Working as part of a research team, and organising and completing a research project on an issue relating to the development of a digital system or service in their chosen specialisation
- Analysing and critically summarising existing research in the area of digital systems and services
- Communicating effectively both orally and in writing (especially in English) in order to carry out projects entrusted to them in their work environment
- Writing scientific articles and presenting their work to experts
- Working as part of a cross-disciplinary team on coding and other digital projects (e.g. a hackathon)
- Explaining the basic principles of entrepreneurship (e.g. ideation and business processes) and applying them to a project

## STUDY PROGRAMME

3 semesters (max. 6 semesters) | 90 ECTS credits

### Information systems and methodologies

12 credits

- Services: from concept to market
- Mobile systems and services
- Design science research
- Service innovation lab

### Research and development module

48 credits

- Research project, including thesis
- Involvement in hackathons/seminars
- Overview of specialisation and presentation of articles
- Writing a scientific article relating to the chosen specialisation

### Electives / concentrations

30 credits

- User experience
- Knowledge engineering
- Information security
- Smart cities
- Digital transformation
- Elective option

## ACADEMIC CALENDAR

[www.unige.ch/calendar](http://www.unige.ch/calendar)

## LEVEL OF FRENCH REQUIRED BY UNIGE

No French proficiency test required for non-Francophones.

## MOBILITY

Students may earn up to 30 credits while on exchange. They may also conduct research outside the university under the supervision of a faculty member, or do a work placement at a leading external laboratory in order to complete their Master's degree.

[www.unige.ch/exchange](http://www.unige.ch/exchange)

## PROFESSIONAL PROSPECTS

- Data protection officer
- Business analyst
- Media analyst
- Chief information officer
- Head of digital identity management
- IT systems project manager
- Research
- Entrepreneurship
- User experience manager

## UNIVERSITY TAXES

500 CHF / semester

## REGISTRATION

Deadline for candidates that hold a foreign bachelor's degree: 28 February 2025  
(30 April 2025 for candidates that hold a Swiss bachelor's degree at the start of the next academic year AND, according to their nationality, are not subject to a visa for entry into Switzerland for more than 90 days, according to Swiss government requirements and regardless of their current place of residence, or for candidates holding a Swiss residence permit that is valid beyond 30 April.)

[www.unige.ch/enrolment](http://www.unige.ch/enrolment)

## CONTACTS FOR STUDIES

### COMPUTER SCIENCE CENTRE

Battelle bâtiment A  
7 route de Drize  
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### ACADEMIC ADVISOR

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