# Learn by doing in an open and lively Faculty of Informatics in Switzerland





## Faculty of Informatics

The Faculty is defined by its vanguard educational model and by its passion for scientific research. Around 150 researchers from around the world conduct research in a dozen different areas, with tens of millions of Swiss francs in competitive funding obtained to date. Commitment to research has a real impact on education through a unique teaching philosophy where the student is actively placed at the heart of the learning process and in close and constant contact with faculty. Fundamental research is applied, through a series of tailored public collaborations, in different contexts of timely and relevant interest, ranging from healthcare to robotics, and leading to a suitable entrepreneurial environment for innovation and start-up companies.

#### Research Areas

Applied and theoretical research at the Faculty of Informatics of the Università della Svizzera italiana is carried out within institutes, laboratories, and research groups on themes pertaining to

- Computational Science
  - Computer Systems
  - · Geometric and Visual Computing
  - Information Systems
  - Intelligent Systems
  - Programming Languages
  - Software Engineering
  - Theory and Algorithms
    Competitive, innovative, multidisciplinary research projects are developed in collaboration with local and international institutions.

### Academic curricula

#### BSc

formatics

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#### MSc

- Informatics
- Artificial Intelligence
- Computational Science
- Financial Technology and Computing
- Management and Informatics
- Software and Data Engineering

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#### PhD

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#### Institutes

- Institute of Computing (CI)
- Software Institute (SI)
- Computer Systems Institute (SYS)
- Euler Institute (EUL)
- Dalle Molle Institute for Artificial Intelligence (IDSIA, joint USI-SUPSI institute)
- Law Institute (IDUSI) www.inf.usi.ch/en/faculty-informatics/institutes

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