SHAPING THE FUTURE TOGETHER
Bright Place, Bright People

City of Tampere
According to many surveys, Tampere is Finland’s most popular city. A student population of almost 50,000 contributes to the city’s active and vibrant atmosphere. Residents enjoy a high standard of living thanks to the city’s beautiful lake surroundings, efficient infrastructure and compact size. A place with all the essentials and a unique lack of pretension, Tampere is a great place to live and study.

University of Tampere (UTA)
With its nine schools and 15,000 degree students, the University of Tampere is a part of the world-famous Finnish educational system. The University of Tampere is the most popular university in Finland and home to top-class research centres.

School of Information Sciences (SIS)
With its unique combination of research and study programmes, the School of Information Sciences (SIS) teaches students to think differently. Its offerings are multidisciplinary and range from mathematics and statistics to explaining how people interact with devices and game scenes. SIS offers Bachelor’s programmes and international Master’s and doctoral programmes.

Research at SIS is driven by the curiosity to find out what is needed in the future. Understanding how people behave and interact with technology, what knowledge they must master, and how all this is applied to everyday life and business is a vast area calling for a strong research agenda and the collaborative effort of several disciplines. We can shape the future together.
Master’s Degree Programme in Computational Big Data Analytics

Make Big Sense Out of Big Data

Data analysis plays a central role in the modern information society. Organisations in the public and private sector are collecting vast data sets, and public-sector data are increasingly being made open. However, if full use is to be made of these data, they must first be analysed.

What Will You Learn?
The programme teaches you to understand data analysis and master the necessary skills: data cleansing, integration, modelling and prediction and the interactive exploration of data and models.

Your skill set will enable you to use descriptive visualisations when you present your results to decision-makers.

As an analyst, you can be employed by companies that operate in the insurance and banking sectors, public administration or healthcare, for example.

Contacts and Further Information

www.uta.fisis/admissions/programmes/cbda.html
Big Data

- Performance
- Mobile
- Risk
- Design
- Social
- Deposit
- Content
- Storage
- Analyze
Master's Degree Programme in Human-Technology Interaction

Be One of the People Who Design the Future

Interfaces are everywhere, from the invisible eyes that open the doors when you walk into a supermarket to the touchscreen of your mobile phone.

What Will You Learn?

The courses offered range from the basics of human information processing in the context of information technology to hands-on courses on how to implement interaction solutions using novel modalities such as speech, gaze, haptics and gestures.

You have a unique opportunity to be one of the people who design the future. An interface developer has the skills to implement media devices and interfaces. An interaction designer studies people in their natural environments and creates technology designs. A usability and user experience specialist guarantees that the technology designs are easy to use and fit human purposes. The programme is offered in cooperation with the Tampere University of Technology.

Contacts and Further Information

www.uta.fi/sis/admissions/programmes/hti.html
Master's Degree Programme in Internet and Game Studies

Creating a Playful Future

The Internet has expanded into a major arena for leisure, business and social life. Media, knowledge and digital gaming are transforming cultures and societies.

What Will You Learn?

Studies focus on the interconnected perspectives of games, game players, game developers and game cultures. The programme will nurture the skills needed to analyse, observe and understand developments in this field.

Work roles are there for you to create; opportunities lie in the development and design of and research into games.

Contacts and Further Information

www.uta.fi/sis/admissions/programmes/igs.html
Master's Degree Programme in Software Development

Making the Soul of Devices

The programme is designed for applicants with a passion for computer science or software engineering and for those who want to learn the knowledge and skills needed in the development of high-quality software.

What Will You Learn?
The courses cover different software development approaches, requirements management, software modelling and specification, implementation and testing, and project management.

An exceptionally large number of IT companies in the Tampere region provide an inspiring environment and opportunities to hone your skills in real-life challenges.

After graduation, you can work as software developer, systems specialist, programmer, teacher or researcher.

Contacts and Further Information
www.uta.fi/sis/admissions/programmes/sde.html
We look forward to seeing you in Tampere!