



Erasmus School of Economics

ECONOMICS AND ICT

SPOT ON!
MASTER
YOUR
AMBITIONS

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ERASMUS UNIVERSITEIT ROTTERDAM
ERASMUS SCHOOL OF ECONOMICS

ECONOMICS AND ICT

AUDIENCE

The Master's specialisation in Economics and ICT is aimed at students with a sound, academic training in economics and informatics.

MISSION

The aim of the Master's specialisation in Economics and ICT is to train students to analyse complex economic phenomena related to the rise of ICT. The programme focuses on the relationship of management control and information systems. Students learn to evaluate the role of modern ICT technologies within the primary and supporting processes of organisations, with attention to information security, risk management and the role of ICT auditing. They learn to assess the value added by the introduction of information systems and to calculate the total cost of ownership of ICT. They also learn to reflect on the advantages and disadvantages of outsourcing ICT activities and to evaluate the strategic importance and practical implications of integrating company information systems with those of their business partners.

CURRICULUM

The Master's specialisation consists of core courses, a seminar, and a Master's thesis distributed over several blocks. The core courses provide a strong basis of knowledge and understanding of the domain. The core courses are:

- ICT and Economics
- Accounting Process Management
- Agent-based Models
- Information economics
- Management Control and ICT
- Security and ICT Audit

In the seminar, Economics and ICT, students apply this knowledge to a number of cases. The final phase is dedicated to the development of the Master's thesis. Many students combine their thesis with a company traineeship.

CAREER PROSPECTS

The job prospects for graduates of the Economics and ICT programme are excellent. Several graduates have established themselves as entrepreneurs. Career opportunities are also available in:

- Consultancy firms;
- IT auditing firms and departments;
- Information management departments of large organisations (this includes insurance companies, banks and the government and non-profit sectors);
- ICT and auditing departments of the same type of organisations;
- Information and communication system development and design;

START, DURATION AND LANGUAGE

The Master's specialisation starts in September and lasts one year (60 ECTS credits). The programme is taught in English.

APPLICATION AND ADMISSION

For more information on the application and admission procedure visit www.e.se.eur.nl/master.

MORE INFORMATION

For detailed information about this specialisation, please visit www.e.se.eur.nl/master/eict.



Otto ter Haar

The master enabled me to get insight in complex economic problems. The analytical skills are widely applicable. It was great to work in a small group of highly motivated students and teachers.