Why study economics?

**Make the world a better place**

- **Relevant:** better business practices, better societies
- **Increasingly important:** e.g. the organization of new markets in health and transportation
- **Increasingly exciting:** e.g. availability of enormous datasets
- **Endless array of possibilities:** how to incorporate tools and data of modern technologies
'What is the most pressing problem that economists should address?'
You will learn:

• How societies reach decisions
• Fundamentals of business and management
• Analytical skills
• Problem solving
Studying economics at Aalto university

Some of the courses included in our program

• **Economics:**
  • Micro-, macro- and empirical economics, global challenges, digital markets, energy and environmental economics, Urban economics, economic history and crisis

• **Mathematics:**
  • Differential and integral calculus, Matrix algebra, Probability and statistics

• **Programming:**
  • Python, Stata, R etc.

• **Business studies:**
  • Corporate finance, Investment management, Marketing analytics, Introduction to strategic management
What is special about studying economics at Aalto?

• **Leading department of Economics in Finland:**
  • 10+ professors of high international standards
  • Strong international contacts with leading Universities in the world
  • Strong track record in job placement in Finland and abroad
  • Excellent opportunities for continuing in top MSc and PhD programs in Finland and abroad

• **Excellent connections to the business world and policy makers**

• **Helsinki Graduate School of Economics community:**
  • 20+ professors (Aalto, University of Helsinki, Hanken)
  • World class MSc and PhD programs

• **Business school in a modern multidisciplinary university**
Relevant links:

Aalto Economics BSc program
www.aalto.fi/bsceconomics

Introductory textbook (core-econ):
https://core-econ.org/the-economy

Helsinki Graduate School of Economics (studies after BSc programme):
https://www.helsinkigse.fi/

Oriana Bandiera (LSE): What Economists Really Do
https://www.youtube.com/watch?v=1KEzLtbpEVg

Raj Chetty: Yes, Economics is a Science
https://www.nytimes.com/2013/10/21/opinion/yes-economics-is-a-science.html
Structure of studies in more detail:

• Basic studies (51 cr):
  • On-boarding (1 cr)
  • Principles of Economics:
    • Principles of Economics I and II (6+6 cr)
    • Principles of Empirical Economics (6 cr)
    • Economics of Global Challenges (6 cr)
  • Quantitative methods:
    • Differential and integral calculus (5 cr)
    • Matrix algebra (5 cr)
    • Probability and statistics (5 cr)
    • Mathematics for economists (6 cr)
    • Programming
• Major Studies (60 cr):
  • Intermediate microeconomics (6 + 6 cr)
  • Intermediate macroeconomics (6+6=12cr)
  • Introduction to econometrics (6+6=12cr)
  • 2 electives in economics (6+6=12cr), e.g.:
    • Digital markets
    • Personnel economics
    • Money and banking
    • Energy and environmental economics
    • Russian economy
    • Urban economics
  • B.Sc. thesis and seminar (2+10=12cr)
• Business studies (18 cr)
  • 3 elective courses from the rest of the Business School (6+6+6=18cr)
• Arts and Design (5 cr)
  • One elective course in Arts and Design (5cr)
• Minor studies (24cr)
• Other elective courses (10cr)
• Languages and communication (12cr)
  • Finnish/Swedish (3cr)
  • Business communication skills (3cr)
  • Course in Communication/Foreign language (6cr)
• Altogether 180 cr