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Tuition fees – challenges for land surveying education in Sweden



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Reasons for introduction

- Increased number of foreign students
 - Prior to the autumn term of 2009 -120 000 applications
 - Last decade a number of foreign students tripled to 36000 in 2008/2009
- Increased costs for the government
- Competition with other universities based on quality of education

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Tuition fees in Sweden

- By the government bill (2009/10:65)
- As of the autumn term 2011
- For BSc and MSc students (PhD is free of charge)
- Exception for students from of EU/EEA states and Switzerland
- 12 000-24 000 € annually depending on educational programs

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Scholarship programs

1. Countries of long-term development cooperation with Sweden:
 - Bangladesh, Bolivia, Burkina Faso, Ethiopia, Cambodia, Kenya, Mali, Mozambique, Rwanda, Tanzania, Uganda and Zambia
 - Covers tuition fees and living costs
1. Other countries outside the EU/EEA
 - Covers tuition fees only

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Effects of tuition fees

- A sharp decrease of students
 - Students outside EU/EES from 16000-1200
- Risk for shortage of qualified labour for industry
 - A large retirement and aging of population
- Abolishment of range of educational programs
- Increased direct and indirect costs for managing tuition-fee students
- More engaged students

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Number of applicants MSc programs in Sweden

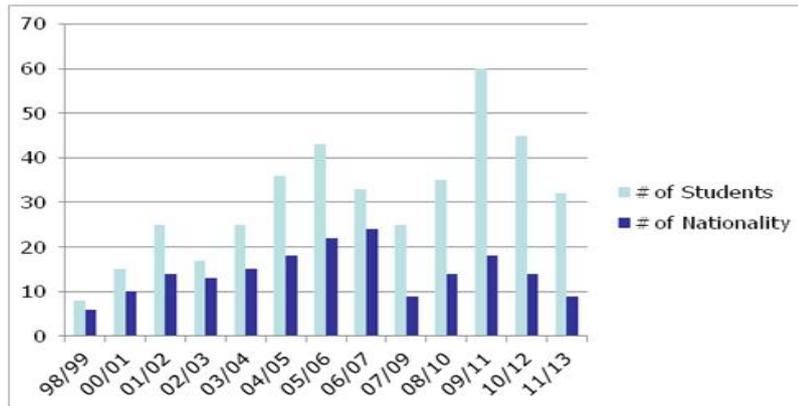
Years	2008/2009	2009/2010	2010/2011	2011/2012
Number of applicants	54 200	78 800	94 400	17 500
Of them liable for tuition fee	n/a	n/a	n/a	8300
Women, %	23	23	25	43/35
Men, %	77	77	75	57/655

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MSc programme Real estate development and financial services



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Facing challenges of tuition fees

- Recruitment and marketing
- Curricula modernisation

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Recruitment and marketing

- Well-balanced national recruitment strategy
- Education agents in countries (similar size countries are preferable)
- Educational fairs
- Social media with personal experience, alumni, inf'n in national languages
- International cooperation is a merit
- Students' reception, accommodation, visa and financial arrangement

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Curricula modernisation

Real estate development and financial services

MSc Specializations (enrollment the autumn term of 2011)

- Building and real estate economics
- Real estate development and land law
- Architectural design and construction management
- Financial services
- Real estate management

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Real estate development and land law

(2011/2013)

Mandatory courses	Conditionally elective & recommended courses
<ul style="list-style-type: none"> - Law of real estate formation - Law of planning, construction & infrastructure (15 ECTS) - Compulsory purchase & compensation - Land development (15 ECTS) - Theory of science and research methods 	<ul style="list-style-type: none"> - Real estate market analysis & development - Real estate valuation in an international context - Law & economics for land use topics - Management & leadership - Advanced issues in real estate development and financial services

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Real estate and construction: economics, law and management

2013/2015

Common recommended courses	Conditionally elective courses
<ul style="list-style-type: none"> - Project communication (CM) - Quantitative methods (E) - Urban land development (L) - Real estate market analysis & development (E) - Theory of science and research methods 	<ul style="list-style-type: none"> - Real estate economy 10 courses - Construction management 6 courses - Real estate law 9 courses

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Students BSc background

- Civil engineering
- Real estate economics
- Construction and real estate management
- Surveying
- Geomatics
- Planning
- Architecture
- Finances
- Law

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Potential problems and trends

- Increasing number of courses
- Obsession with reserach
 - 70000 annually vs 13757 in 1959
- Increased costs (trebled in past three decades)
- Splitting of university functions:
 - publishing, mentors for exercises, on-line teaching for large audience, teachers for course design and tests

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