

Cadastral practice

a Success for the Education in Land surveying and Land
administration at Bergen University College

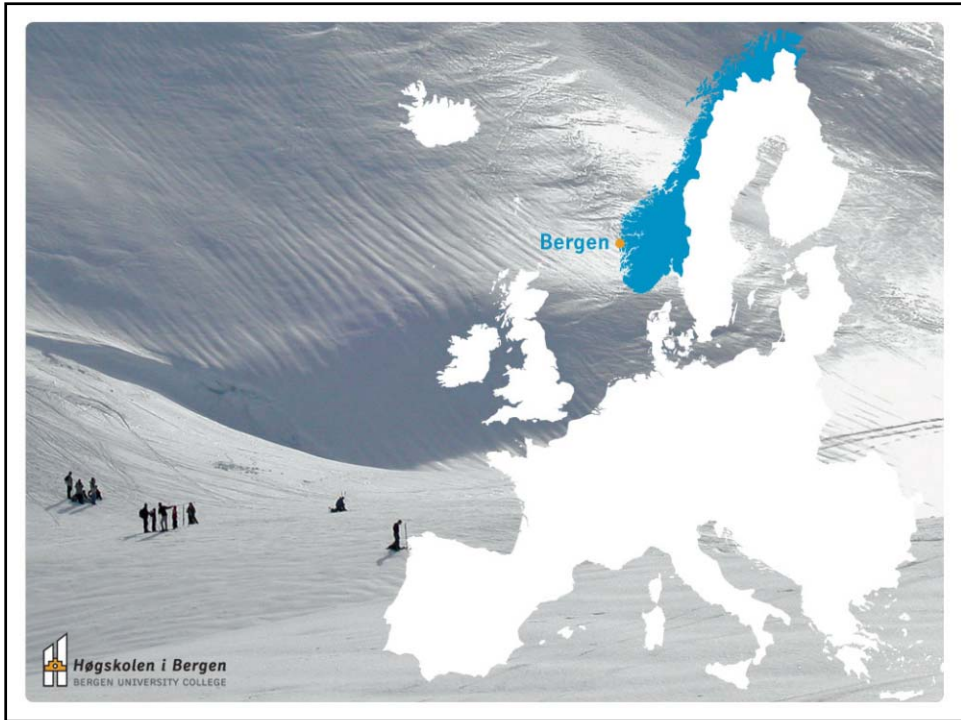
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Bergen University College



Introduction
The education
Fjell municipality
Cadastral practice
Advantages for the students
Advantages for Bergen University
College
Conclusions





Bergen - a student friendly city



- 250 000 inhabitants
- More than 30.000 students from 100 different countries
- UNESCO site
- Gateway to Norway's magnificent fjords
- Sea and ski
 - 20 minutes to the ocean
 - 45 minutes to the slopes







FACULTY OF ENGINEERING

Bachelor of Engineering Programs

- Chemical Engineering
- Civil Engineering
- Communication Systems
- Software Engineering and Information Technology
- Control Systems
- Electronics
- Electrical Power Engineering
- Energy Technology
- Industrial Engineering
- Marine Technology
- Mechanical Engineering
- Subsea Technology

FACULTY OF ENGINEERING



Other Bachelor Programmes:

- Biomedical Laboratory Science
- Business Administration
- Information Technology
- **Land administration and Surveying**

Tertial Vocational Training:

- Diver Training

Master Programmes

The education

3 year bachelor program in
land surveying and land
administration

From a 1 year course to the
only complete bachelor
in land administration and
surveying in Norway

We make "cadastral
surveyors"



 Høgskolen i Bergen
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Cadastral surveyors

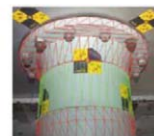
Land surveying

Land administration – Law

Land Use Planning

GIS

Optional topics – example
industrial metrology



 Høgskolen i Bergen
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Cadastral surveying – 3rd semester

- In cooperation with Fjell municipality
- Cadastral surveying – municipal monopoly task
- Private surveyors
- BUC – "private" surveyor
- BUC – 50 % of the income from land owners



Cadastral survey in Fjell municipality

- 21400 inhabitants
- 147 km² – 500 islands
- 15 minutes with car from Bergen City
- Large migration
- Expansive industry



Cadastral survey in Fjell municipality

- Cadastral survey
 - 4 cadastral surveyors
- Land use planning
 - Straume – new coastal town



Cadastral practice

- Meetings between Fjell municipality and BUC
- Students establish contact with landowners

Cadastral practice

- The field meeting
 - administrated by the professors
 - Students observing



Cadastral practice

- Land surveying
 - Done by the students
 - Professors controls the survey
- The results
 - Prepared by the students and the professors as a team work.



Advantages for the students

- Meet "real" land owners and the "real world"
- Knowledge about 20-30 cadastral surveys
- Learning by doing
- Part of the professional society



Advantages for BUC

- Professors cadastral practice
- "Library" of cadastral surveys
- Good connection with the professionals
- Happy students are the best ambassadors for the education and BUC
- Increasing the number of applicants

Conclusions

- Success for Fjell municipality and BUC
- Practice in land use planning
- Thesis with the “real world”



Thank you for your
attention!

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