Cadastral practice

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

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Introduction
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Fjell municipality
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Advantages for Bergen University College
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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

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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

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"

Cadastral surveyors

Land surveying
Land administration – Law
Land Use Planning
GIS
Optional topics – example industrial metrology
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

• 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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