



Mikkeli

- The city of Mikkeli is the capital of the Province of Eastern Finland and it is situated by the Lake Saimaa.
- Population approximately 50.000,
- Good connections to eastern, southern and central Finland give great opportunities to local business and travelling.
- Diverse business in Mikkeli is based on forest and timber, information technology, food products, metal and tourism



South Eastern University of Applied Sciences Environmental Engineering degree programme



Degree Programme in Environmental Engineering

Offered in English



Bachelor of engineering (BEng)
240 ECTS | 4 years

Expert in Environmental Management

Possible careers:

- planning and organising environmental matters in a company
- supervisory tasks
- teaching
- consulting

Environmental Engineering

Main themes

Basics of environmental science and management

Chemistry, microbiology, biochemistry, environmental health, administration and legislation, basics of environmental management

Environmental protection in industry

Environmental sampling and monitoring, energy production and air pollution, water, soil and waste management,

Environmental, Health and Safety management

Bioeconomy and business, EHS systems, occupational health and product safety, environmental modelling

Projects, tasks or laboratory work included in all courses.



Environmental Engineering

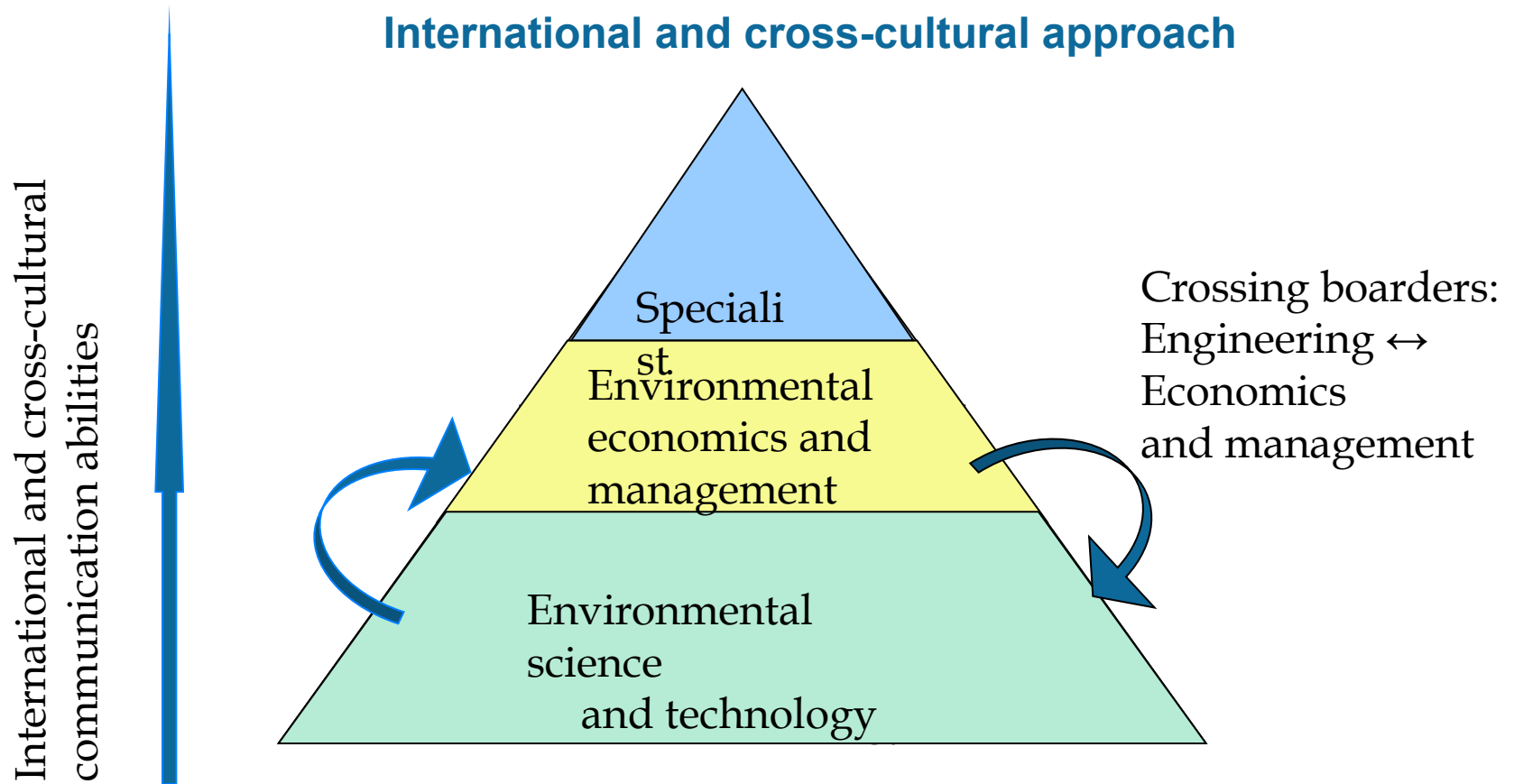


Environmental field is one of the fastest growing industries and professionals are needed in various companies.

When graduating, the student will be able to

- Understand the technical possibilities for sustainable protection of the environment
- Plan and organize various environmental matters of an organisation
 - waste management and material recycling
 - air and water pollution prevention
- Consider the economical, environmental and social responsibility of the organisation
- Find economically and environmentally best practises for an enterprise
- Survey international environmental markets

Environmental Engineering



Environmental Engineering

Full-time 4 year programme; 240 cr

- Compulsory professional studies 150 cr
- Optional professional studies 30 cr
- Optional studies 15 cr
- Practical training 30 cr
 - In a company
- Bachelor thesis 15 cr
 - In a company





- ☐ Protection of soils
- ☐ Polluted soils
- ☐ Waste management
- ☐ Water and waste water technology

- ☐ Air pollution and prevention
- ☐ Small scale wood burning
- ☐ Health risks caused by fine particles

- ☐ Noise and vibration measurement
- ☐ Environmental research
- ☐ Sustainable development
- ☐ Energy efficient and sustainable society

- ☐ Environment and business
- ☐ Material efficiency
- ☐ Environmental standards and labels
- ☐ Environmental responsibility



Double Degree



- **DD- agreement between partner universities**
 - The student studies 3 years at home university
 - One year (fourth year) is studied in the partner university
 - Personal study plan is tailored
 - Previous studies are accepted as part of the degree
 - When graduating from home university the student receives also the host university's degree
- **How to get to a DD programme**
 - Application in spring (April – early May)
 - Language test
 - Acceptance during summer
 - Studies start at the end of August/in the beginning of September

MAMK International

- Over 200 partner universities abroad
- Over 200 international students from about 30 countries
 - Degree students
 - Summer term students
 - Double Degree studies
 - Exchange students
- MUAS has been rewarded several times for international activities by The Finnish Ministry of Education



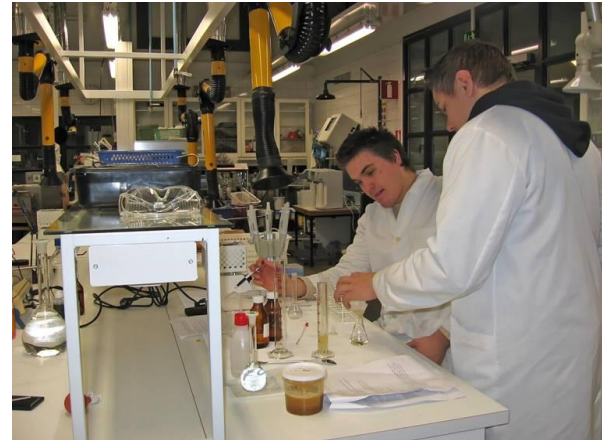
Video

- <https://www.youtube.com/watch?v=wAkwKJx8prQ>

Environmental Laboratory

Laboratories for environmental education

- chemistry
- microbiology
- sensory analyses
- environmental experiments



17.4.2018

17.4.2018



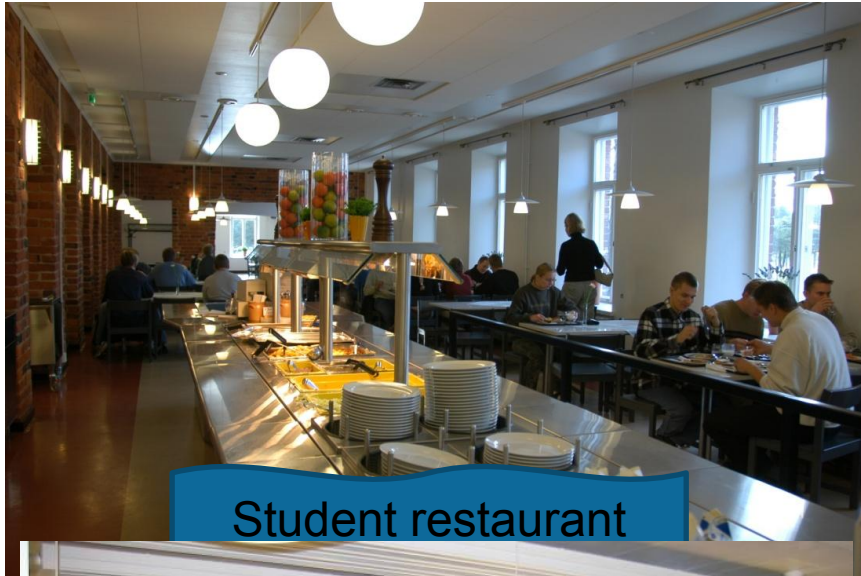
Environmental laboratory



17.4.2018

TEACHING METHODS

- Lectures (30 lectures/week)
- Exercises, group work, homework and essays
- Examinations
- Laboratory measurements
- Real working life cases
- Virtual learning environment
- English materials available in the library
New books and research reports available for DD-students in the Campus Library.



Student restaurant



Library



Self study area



Computers in classrooms



Student festivals



Excursions



Sport events



Free time activities



**Kampuksena koko maailma.
Learning unlimited.**





Tunne huominen - All for the future.