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*En route* to establishing a double degree program in Chemical Engineering with Tver Technical State University

## History

In December 2007 ÅA was approached by Prof. E. Sulman from Tver State Technical University who inquired about a possibility to have a double Masters degree given by TSTU and Åbo Akademi.

## History

Prof. Sulman (TSTU) was a partner in one of the EU projects, coordinated by Åbo Akademi.

She is the head of the Department of Biotechnology and Chemistry

## Geography



## Travelling

- The Dean Prof. M. Hupa visited TSTU
- Discussions with the Rector, vice rectors in charge of education and Prof. Sulman

## Idea

- Double degree in chemical engineering
- Major subject : process chemistry
- The rules for the Masters program at Åbo Akademi.
- The minor subject most probably should be process system engineering

## International master's program at ÅA

What do we have at the present moment?



The study programme is designed solely for students with a **bachelor's degree** in chemical engineering or corresponding degree

## International master's program at ÅA

- The Master's Programme in Chemical Engineering has three major subjects:

**Process Chemistry**

**Process Systems Engineering**

**Pulp and Paper Technology**



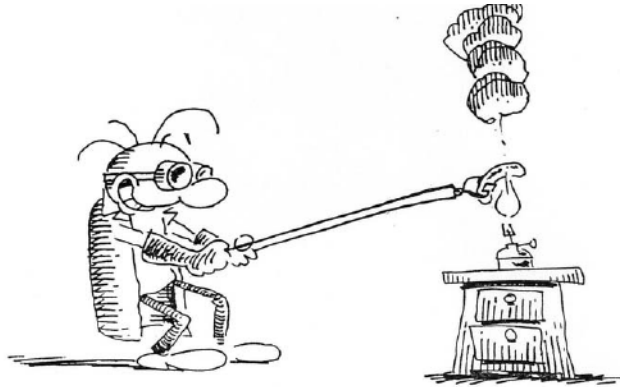
## International master's program at ÅA

- The study programme has a total duration of two academic years.
- Overall, 12 active months of courses and 6 months of thesis work.



## International master's program at ÅA

The programme accounts for 120 credits (cr), of which 30 cr is for the Master's Thesis.



## International master's program at ÅA

### *The structure of the studies*

Master's Thesis (30 cr)		
Advanced studies (30 cr) Minimum 20 cr in major subject	Intermediate studies (20 cr)	Elective studies (10 cr)
Compulsory module (20 cr)		Language studies (10 cr)

## Details Double degree program

During the first year of two –years program students (ca. 10) will take courses in Tver (60 credits), while the second year will be spend at Åbo Akademi (lectures worth 30 credits and thesis – 30 credits).

## Double degree program

- **Proposal for courses at Åbo Akademi**
- 5 credits Course about Finland
- 5 credits Chemical Reaction Engineering (not given at TTU)
- 20 credits: should be selected from Advanced Courses offered in International Masters Program.

## Language **Double degree program**

Education will be provided in English

## Do professors need to travel?

It is anticipated that few intensive courses could be given by ÅA lectures already during the first year

**Double degree program**



## Future

The program can start in 2-3 years and is envisaged to be in operation for at least 7-10 years