EACH Winter School 2018

University of Tartu
Fundamentals of analytical chemistry, metrology in chemistry, quality assurance, socio-economic aspects

University of Uppsala
Advanced separation methods, mass spectrometry

University of Lyon
Industrial analysis, process control and monitoring

Åbo Akademi University
Advanced analytical devices, sensors, miniaturization, electrochemistry

Year 1: Fundamentals + Placement  60 ECTS

Year 2: Specialisation + Master’s thesis  60 ECTS
EACH: Why?

- One of the few of its kind
- Oriented towards job market
  - Metrology/quality
  - Socio-economical aspects
  - Practical placements
  - Study tracks tailored to „frontier“ areas
- Strong links with practitioners

...This reveals a larger demand from the job market for analytical chemists than the supply by higher education institutions.


Jobs/career worldwide


Conclusion: the jobs of chemists are largely in analytical chemistry
Aims of Winter School

• Meeting between 1st and 2nd year students
  – Information „from students to students“
• Study tracks / Second year universities
  – Selecting students to study tracks
• Broaden your knowledge
  – Lectures, visits
• Team work
  – You will solve some tasks in teams

Website

• Updated information:
  – http://www.ut.ee/EACH/each-winter-school/
• Teachers: any materials you want to distribute: send me
  – Ivo.leito@ut.ee
Important information:

• **1st year students:**
  – Study track preferences (to be submitted this evening)
    • All three universities, on scale 1-10 (10 is the preferred)
    • Example: UU: 8  UCBL: 2  AAU: 10
  – We will have a session on spring timetable

• **2nd year students**
  – Master theses

• **All students:**
  – Feedback surveys after the Winter school

**Selecting 1st year students for study tracks**

– **Final decisions** are made during the Winter School
– Students are selected taking into account
  • Your preference
  • Weighted average grade of compulsory courses obtained during the first semester at Tartu
  • Interview during Winter school
    – Convincing motivation of your preference
  • (Motivation letter, knowledge of local language)
Aspects for you to take into account in stating study track preferences

– **Research fields** in II year universities
– **Competition** for the II year universities
  • UU more popular than others
– **Practicalities** in the respective country (cost of living, etc)
– Your **language** skills and what language you have studied at Tartu
  • France vs Finland/Sweden

20/01/2018

We wish you successful Winter school!