

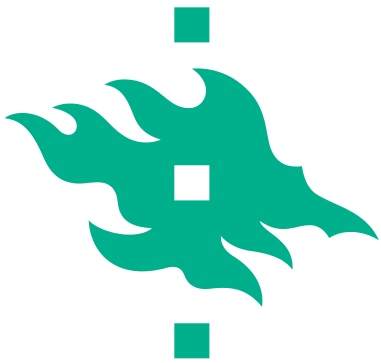


Generic skills in University of Helsinki Forest Science Curriculum

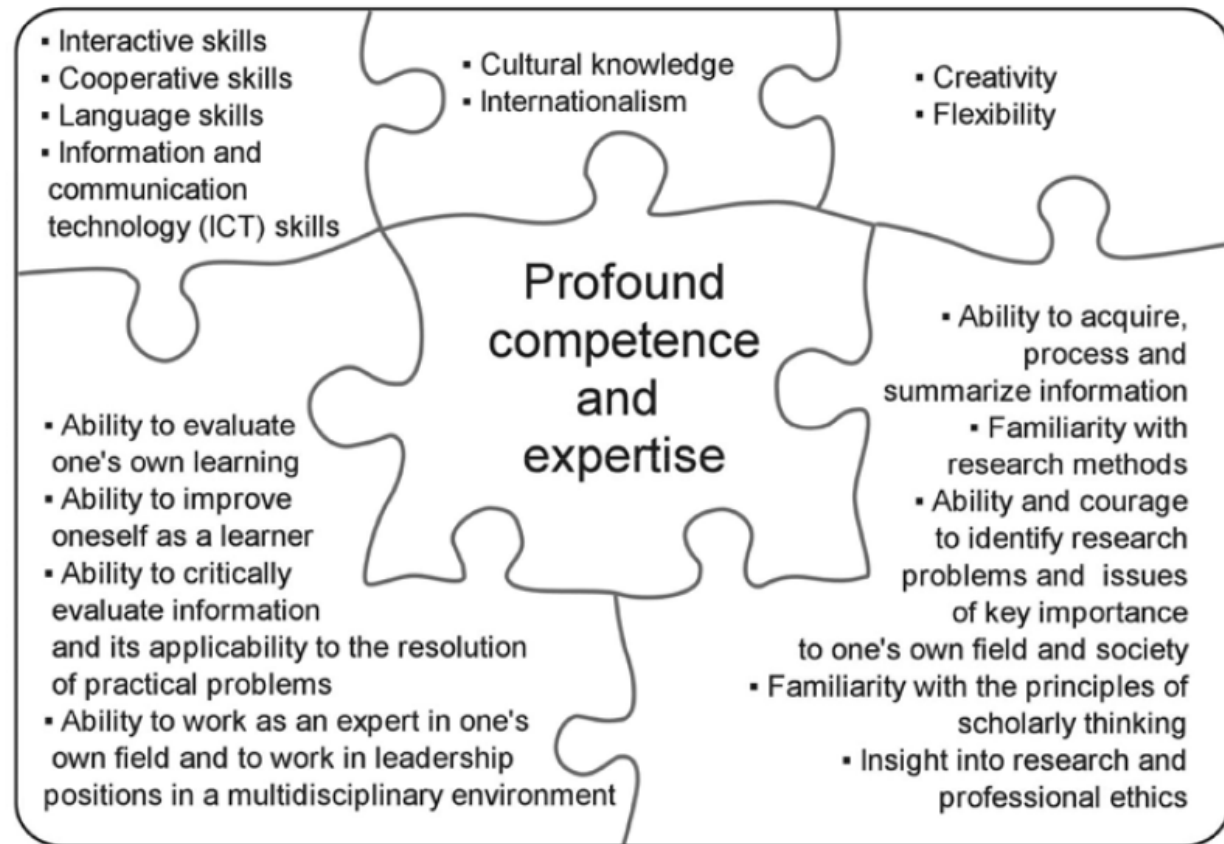
Sufarel

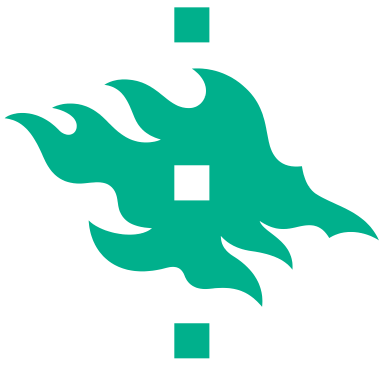
21 September, 2012

Mika Rekola



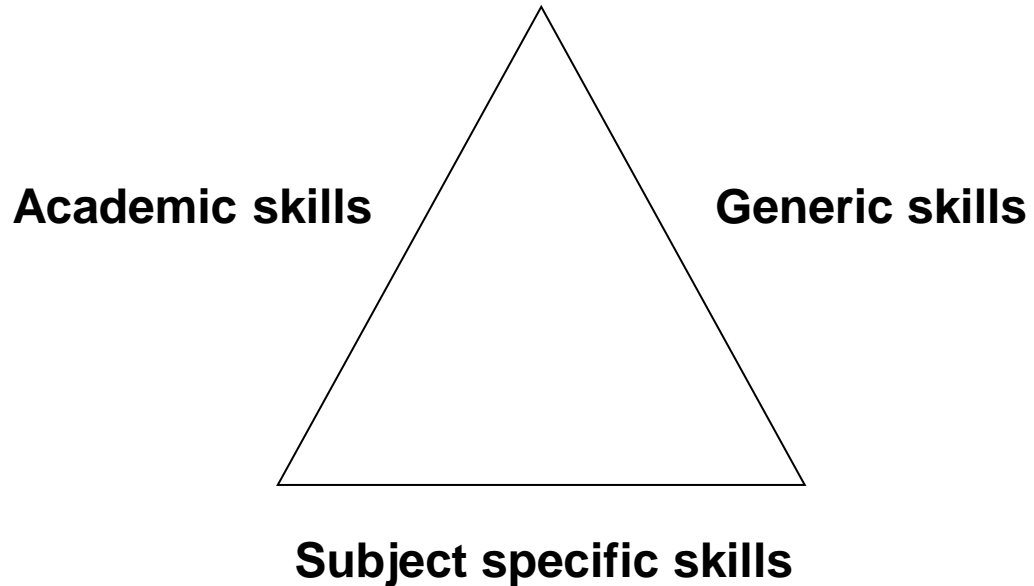
Degree components University of Helsinki (Puzzle)

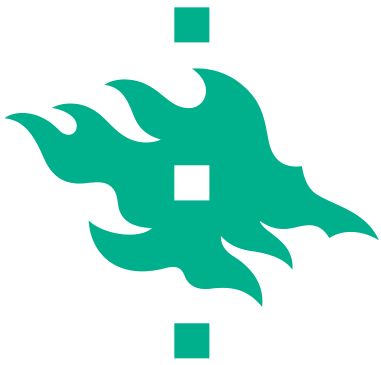




Common courses in forest science curriculum (2011-)

- Alltogether 50 ECTS in BSc and MSc studies





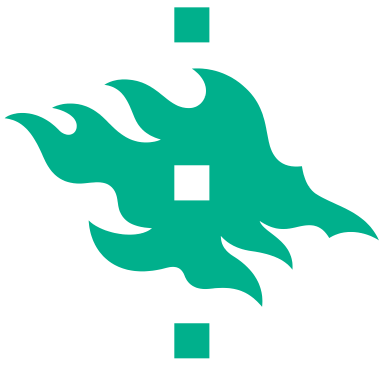
Academic and generic (=transferable) skills 2011-

•BSc

- Scientific reasoning, Tieteellinen ajattelu (2 op)
- Career planning, Urasuunnittelu ja työnhakua tehostava opetus (2 op)
- Ethics, Etiikka ja vastuullisuus metsäsektorilla (3 op)
- Negotiation and communication, Neuvottelu ja viestintä (3 op)
- Second national language, Toinen kotimainen kieli (3 op)
- Foreign language, Vieras kieli (englanti) (4 op)
- IT driver license, IT-ajokortti (4 op)

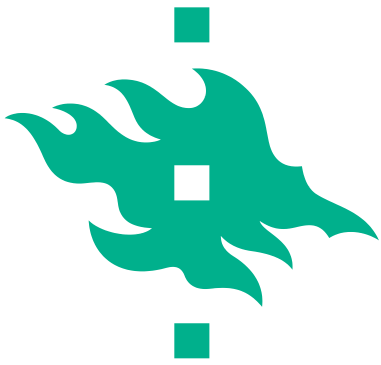
•MSc

- Internship, Asiantuntijuutta syventävä harjoittelu (3 op)
- Leadership and management, Johtajuus ja projektin hallinta (2 op)
- Scientific research, Tieteellinen tutkimus (2 op)
- Academic writing, Akateeminen kirjoittaminen (englanti) (2 op)



Compulsory subject specific courses, B.Sc. level

- Main principles :
 - Multidisciplinary
 - Problem-based learning
- Courses
 1. Introduction to forest sciences (5 ECTS)
 2. Basis on forest ecology and management (10 ECTS)
 3. Basis in forest economics and marketing (5 ECTS)
 4. Field course (10 ECTS)



Thematic studies, M.Sc level, optional

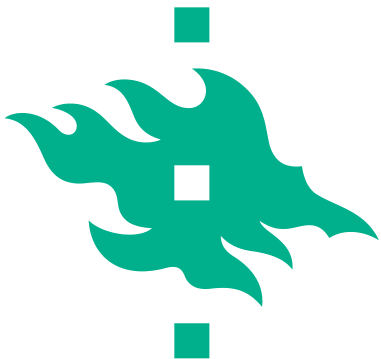
- Actual and multidisciplinary
- A minor study entity, total of 20 ECTS
- In English

Thematic seminar (5 cr) or
a special course (10 cr)

Forest
Ecology
course
5 ECTS

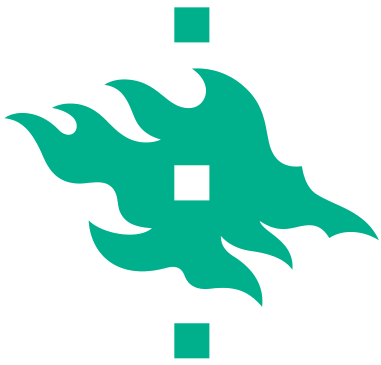
Management
Course
5 ECTS

Forest
Economics
or marketing
course
5 ECTS



Thematic studies, M.Sc level, optional

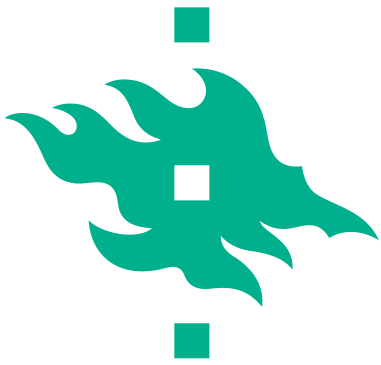
Study year	Theme
2011-2012	Theme I: Forests and Environmental change
	Theme II: Multiple use of forests and forest conservation
2012-2013	Theme III: International forestry and forest policy
	Theme IV: Bioenergy
2013-2014	Theme I: Forests and Environmental change
	Theme II: Multiple use of forests and forest conservation



Planning tool for generic skills

See Excel:

[Rekola_EDU_Academic&Transferrable_skills_planning.xlsx](#)



Conclusions

- Work based on curriculum renovation process (EDU)
- Demand from stakeholders: more common elements for all students
 - especially subject specific learning outcomes, e.g. economics
- Holistic view was useful (Puzzle)
- Planning Tool was practical and concrete (Excel)