

# Multidisciplinary teaching helps students to understand the context of building with bio-based materials

*Katja Vahtikari*

*Department of Bioproducts and Biosystems, Aalto  
University*

# Multidisciplinary teaching at Aalto

Bringing expertise and practitioners  
from different fields together



# Aalto Wood

- Cooperation in teaching and research combining expertise from *Architecture*; *Civil engineering*; and *Wood technology*
- More than 20 years already
- Research focus: The use of wood in carbon, energy and resource efficient construction



# Multidisciplinary student projects



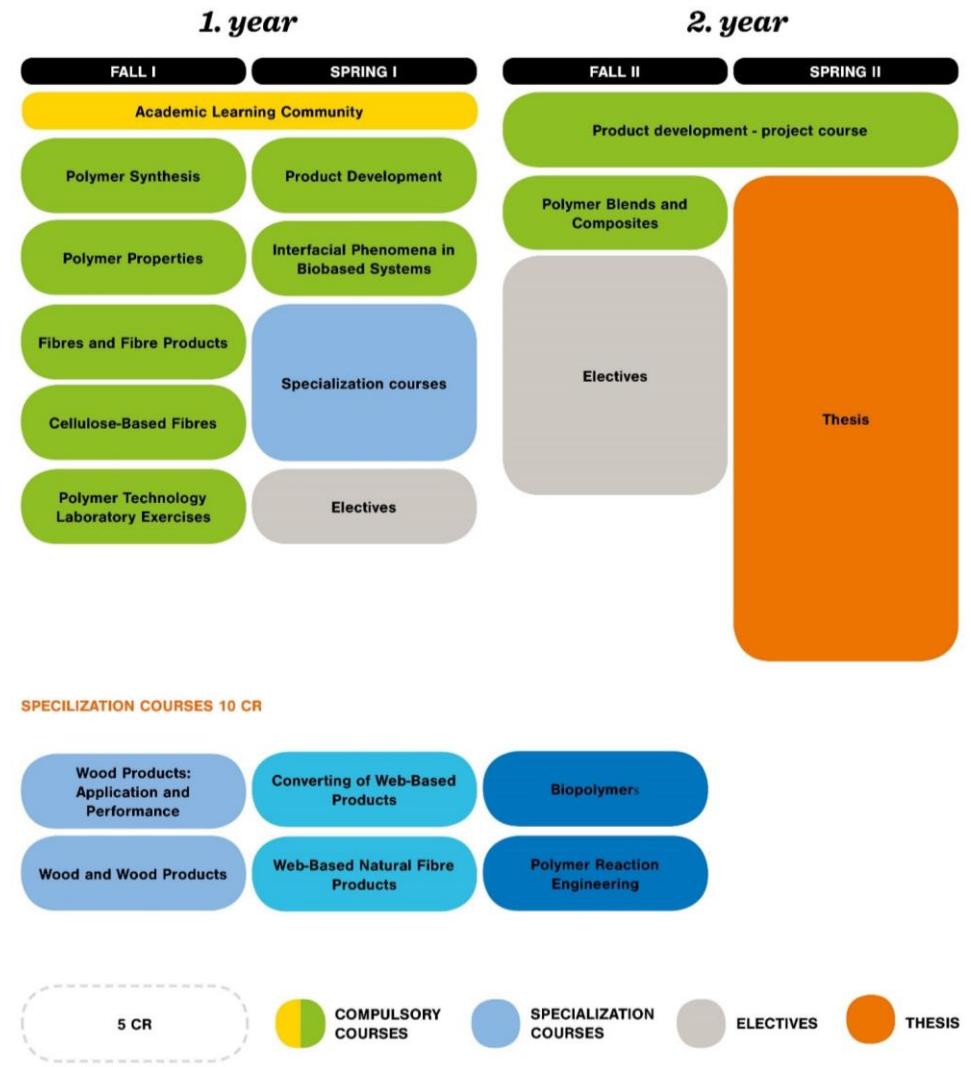
# Scope of the projects varies

and so does  
the time  
frame of the  
projects →  
from six weeks  
to one year



# Role of the projects in study programs varies

- Civil Engineering, Architecture and Wood Materials Science are taught in three different schools
- Fibre & Polymer Engineering major
- Specialisation in wood



# More Aalto student projects

*[www.aaltodoc.fi](http://www.aaltodoc.fi)*

*[Woodprogram.fi](http://Woodprogram.fi)*

## Functional Wood

Yrsa Cronhjort, Mark Hughes, Mikko Paakkanen, Karola Sahi, Pekka Tukiainen, Tomi Tulamo, Katja Vahtikari (eds.)



## Student projects elsewhere in Europe?