

Core Modules

30 CP

Electives
10 CP required

Preparatory Courses
CP as defined upon acceptance

Master Thesis 30 CP

and Electives only.

Specialisation Modules CTS (Complex Timber Structures)

Study year A (Autumn 23) and B (Autumn 24) alternating sequence of modules for Core Modules, Specialisation Projects

Module Schedule MSc Wood Technology Full-Time – Specialisation CTS

Study Year A Semester 1	Study Year A Semester 2	Study Year B Semester 3	Study Year B Semester 4
Fiber Reinforced Composites 5 CP Scientific Methods	Specialisation Project: Multi-Storey Timber & Hybrid Structures - Assessment and Retrofitting - Case Study Multi-Storey Timber & Hybrid Structures - Earthquake & Design	Finite Element Method 5 CP Leadership and Communication	Specialisation Project: Complex Timber Structures - Data Management for Timber Engineers - Case Study Complex Timber Structures - Freeform & Shell Structures
5 CP		5 CP	
BIM		RFEM/RSTAB Basics 1 CP	
		RFEM/RSTAB Advanced 1 CP	
3 CP		Rhino & Grasshopper 1 CP	
RFEM/RSTAB Basics 1 CP	15 CP		
Math CAD 1 CP			
CLT 1 CP	Excursion 2 CP	Master Thesis	
PC Wood Science			
3 CP	Innovations in Wood Technology		
PC CAD-Work	3 CP		
2 CP	Additional Electives - R&D Project		
PC Timber Engineering	- Language Course - CAS Brandschutz - Modules at other Engineering Schools		
	5 CP		
6 CP			
PC Project Timber Structures			
		30 CP	