



Bern University  
of Applied Sciences

# Module Schedule MSc Wood Technology Part-Time – Specialisation MPI

Study Year A Semester 1	Study Year A Semester 2	Study Year B Semester 3	Study Year B Semester 4	Semester 5	Semester 6
<b>Fiber Reinforced Composites</b>  5 CP	<b>Specialisation Project: Innovation Management</b> – Innovation Strategy – Case Study Innovation Management – Finance & Legal  15 CP	<b>Wood-Based Panels Theory &amp; Laboratory</b>  5 CP	<b>Specialisation Project: Process Design in the Wood Industry</b> – Fundamentals in Data Management – Business Process Intelligence – Case Study Process Design – Humane Digital Transformation  15 CP	<b>Master Thesis</b>  30 CP	
<b>Scientific Methods</b>  5 CP		<b>Leadership and Communication</b>  5 CP			
<b>Ecodesign of Products and Buildings</b>  5 CP		<b>Business Process Intelligence Warm-Up</b>  5 CP			
<b>PC Wood Science</b>  3 CP		<b>Excursion</b>  2 CP			
<b>PC Wood-Based Panels &amp; Wood Processing</b>  2 CP		<b>Innovations in Wood Technology</b>  3 CP			
<b>PC Business Administration</b>  2 CP		<b>Additional Electives</b> – R&D Project – Advanced Wood Processing – CAS Wood-Based Panels – Language Course  5 CP	<b>Additional Electives</b> – R&D Project – Advanced Wood Processing – CAS Wood-Based Panels – Language Course  5 CP	<b>Additional Electives</b> – R&D Project – Advanced Wood Processing – CAS Wood-Based Panels – Language Course  5 CP	<b>Additional Electives</b> – R&D Project – Advanced Wood Processing – CAS Wood-Based Panels – Language Course  5 CP
<b>PC Lean Production 1 CP</b>  1 CP					

- Core Modules  
20 CP
- Specialisation Modules MPI  
(Management of Processes and Innovation)  
30 CP
- Electives  
10 CP required
- Preparatory Courses  
CP as defined upon acceptance
- Master Thesis  
30 CP

Study year A (Autumn 23) and B (Autumn 24) alternating sequence of modules.

Lectures take place on two days a week: study year A Monday / Tuesday and study year B Thursday / Friday.

Preparatory courses take place on Wednesdays.