



Bern University  
of Applied Sciences

# Module Schedule MSc Wood Technology Full-Time – Specialisation BBM

Study Year A  
Semester 1

**Ecodesign of Products  
and Buildings**

5 CP

**Scientific Methods**

5 CP

**Fiber Reinforced Composites**

5 CP

**PC Wood Science**

3 CP

**PC Process Technology**

3 CP

**PC Business Administration**

4 CP

**PC Lean Production 1 CP**

Study Year A  
Semester 2

**Specialisation Project:  
Innovation Management**

- Innovation Strategy
- Case Study Innovation Management
- Finance & Legal

15 CP

**Excursion**

2 CP

**Innovations in  
Wood Technology**

3 CP

**Additional Electives**

- R&D Project
- Special Week
- Advanced Wood Processing
- CAS Wood-Based Panels
- Language Course

5 CP

Study Year B  
Semester 3

**Bio-Based Polymers  
and Adhesives**

5 CP

**Leadership and Communication**

5 CP

**Wood-Based Panels  
Theory & Laboratory**

5 CP

**Master Thesis**

30 CP

Study Year B  
Semester 4

**Specialisation Project:  
Prototyping of Sustainable  
Products**

- Production and Recycling Technologies
- Case Study Prototyping of Sustainable Products
- Modification of Wood and Fibers

15 CP

- Core Modules  
20 CP
- Specialisation Modules BBM  
(Bio-Based Materials)  
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  
for Core Modules, Specialisation Projects  
and Electives only.