



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 Wood-Based Panels &
Wood Processing**

2 CP

PC Business Administration

2 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
- 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.