



Bern University
of Applied Sciences

Module Schedule MSc Wood Technology Full-Time – Specialisation MPI

Study Year A
Semester 1

Fiber Reinforced Composites

5 CP

Scientific Methods

5 CP

Ecodesign of Products and Buildings

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

Wood-Based Panels Theory & Laboratory

5 CP

Leadership and Communication

5 CP

Process Management

5 CP

Master Thesis

30 CP

Study Year B
Semester 4

Specialisation Project: Digital Manufacturing

- Digital Manufacturing Technologies
- Case Study Digital Manufacturing
- Processes and Controlling

15 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
for Core Modules, Specialisation Projects
and Electives only.