

## Bachelor of Packaging Technology at the University of Applied Sciences, Stuttgart

The subjects of the **Bachelor of Packaging Technology** course are divided in different modules. The total course duration is 6 semesters (3 years). Some modules are compulsory for the first two semesters. The others are partly compulsory and partly elective. After visiting basic lectures and practicals in the first three semesters the students gather practical experiences during the 4<sup>th</sup> semester through internship at companies of the packaging branch. During the 5<sup>th</sup> semester they visit the final lectures, practicals, workshops and industrial projects at the University. In the 6<sup>th</sup> semester they complete their Bachelor thesis.

Module	Subjects
Science 1	Physics / Mathematics / Statistics
Packaging Materials 1	Material Sciences 1 (Paper, Paperboard) / Chemistry
Process Engineering 1	Basics of Printing Process / Basics of Packaging Technic / Technical Drawing
Science 2	Physics for Packaging Engineers / Basics of Informatics
Business Studies	Cost and Efficiency / Basics of Business Economics
Process Engineering 2	Communication and Design / Food Technology / Printing of Packaging materials
Packaging Materials 2	Practical Packaging material / Material Sciences 2 (Plastics, Glas, Metal)
Process Engineering 3	Packaging Machines / Technology of Polymer Packaging* / Mechatronics
Production Engineering 1	Practical Packaging Construction / Conception and Design
Industrial Internship	Industrial Internship**
Internship Studies	Internship Studies**
Process Engineering 4	Glas and Metal Packages / Practical Polymer Packaging
Production Engineering 2	Processing Technology of Packaging Materials
Bachelor Degree Module	Works on Scientific Basis / Bachelor Thesis**
Technical Equipments and Installation	Process Engineering (Planing) / Environment and Recycling / Safety Engineering / Industrial Environment
Project Management and Project Work	Industrial Workshop / Manufacturing of Packages / Project Management
Management and Logistics	Cost Management / Technology Management / Logistics
Quality Management	GMP (Standardisation in Flexible Packaging) / Flexo Printing / Quality Assurance / Quality Management
Design and Marketing	Packaging Production and Upgrading / Packaging Marketing / Development of Packaging systems

\* This lecture is offered in English language

\*\* Reports of internship and bachelor thesis are submitted in English language when necessary.