Orientation Phase	SH	CP
1st Semester		30
Mathematics 1	4	5
Programming 1	6	8
Introduction to Business Administration, Financial Accounting	6	7
1st Foreign Language (usually Technical English)	4	5
2nd Foreign Language 1 of 4[1]	4	5
2nd Semester		30
Mathematics 2	4	5
Programming 2 & Software Engineering	6	8
Intercultural Management and Law	4	5
Introduction to Information Systems	4	5
2nd Foreign Language 2 of 4[1]	4	5
General Science Elective Subject[2]		2

Intensification Phase	SH	CP
3rd Semester		30
Statistics	4	5
Database Systems	6	7
Implementation of Enterprise Systems	4	5
Programming of Enterprise Systems	6	8
2nd Foreign Language 3 of 4[1]	4	5
4th Semester		30
Data Analytics	4	5
E-Business	4	5
International IT Project and Service Management	4	5
Project Work	2	8
2nd Foreign Language 4 of 4[1]	4	5
Compulsory Elective Subject[3]		2

Intensification Phase	SH	CP
5th Semester		30
Integrated Semester in Industry (Practical Semester/Internship)		20
Practical Seminar	2	2
Cost Accounting, Controlling and Financial Management	6	8
6th Semester		30
Applied Artificial Intelligence	4	5
Production and Logistics	4	5
Business Modelling	4	5
Seminar “New Technologies”	2	5
Compulsory Elective Subjects[3]		10
7th Semester		30
Compulsory Elective Subjects[3]		16
Bachelor Seminar		2
Bachelor Thesis		12

The modules are generally taught in English. As international students improve their German in semesters 1-4, German-language modules can be selected in higher semesters.

[1] International students learn German; German-speaking students learn a second foreign language offered by the university’s language center (Italian, Spanish, French or Chinese).

[2] Students choose a general science elective subject (2 CP) according to the catalogue of the faculty of liberal arts and sciences (in German: AWP = Allgemeinwissenschaftliche Wahlpflichtfächer).

[3] Students choose several subject-related compulsory electives (28 CP in total) according to the catalogue of the faculty of computer science (in German: FWP = Fachspezifische Wahlpflichtfächer).

SH = Semester hours per week; CP = Credit points (The study program comprises 210 CP according to the European Credit Transfer and Accumulation System (ECTS))