

CURRICULUM B.Sc. BUSINESS & IT

myStudies

| Semester | Presence timeframe | Module | Course Code | Course | ECTS | Type of Exam |
|-------------|--------------------|--|----------------|--|----------|---|
| 1. Semester | Oct/Nov/Dec | Introduction to Computer Science | DLBCSICS01 | Introduction to Computer Science | 5 | Exam |
| | Oct/Nov/Dec | Object-oriented Programming with Java | DLBCSOOPJ01 | Object-oriented Programming with Java | 5 | Exam |
| | Oct/Nov/Dec | Management Accounting | DLBMAE01 | Management Accounting | 5 | Exam/Written Assessment: Written Assignment |
| | Jan/Feb/Mar | Mathematics I | DLBCSM101 | Mathematics I | 5 | Exam |
| | Jan/Feb/Mar | Statistics: Probability and Descriptive Statistics | DLBDSSPDS01 | Statistics: Probability and Descriptive Statistics | 5 | Exam |
| | Jan/Feb/Mar | Collaborative Work | DLBCSCW01 | Collaborative Work | 5 | Oral Assignment |
| 2. Semester | Apr/May/Jun | Data structures and Java class library | DLBCSDSJCL01 | Data structures and Java class library | 5 | Exam |
| | Apr/May/Jun | Business 101 | DLBBAB01_E | Business 101 | 5 | Exam/Written Assessment: Written Assignment |
| | Apr/May/Jun | Web Application Development | DLBCSWAD01 | Web Application Development | 5 | Workbook (passed / not passed) |
| | Jun/Jul/Aug | Programming Information Systems with Java EE | IPWA02_E | Programming Information Systems with Java EE | 5 | Exam |
| | Jun/Jul/Aug | Principles of Management | DLBBAPM01_E | Principles of Management | 5 | Case Study |
| | Jun/Jul/Aug | Introduction to Academic Work | DLBCSIAW01 | Introduction to Academic Work | 5 | Workbook (passed / not passed) |
| 3. Semester | Oct/Nov/Dec | Requirements Engineering | DLBCSRE01 | Requirements Engineering | 5 | Exam |
| | Oct/Nov/Dec | Database Modeling and Database Systems | DLBCSDMDS01 | Database Modeling and Database Systems | 5 | Case Study |
| | Oct/Nov/Dec | Intercultural and Ethical Decision-Making | DLBCSIDM01 | Intercultural and Ethical Decision-Making | 5 | Case Study |
| | Jan/Feb/Mar | International Marketing | DLBDSEIMB01 | International Marketing | 5 | Exam |
| | Jan/Feb/Mar | Fundamentals of IT and ERP systems | DLBFMGYS01_E | Fundamentals of IT and ERP systems | 5 | Exam |
| | Jan/Feb/Mar | Project: Software Engineering | DLBCSPSE01 | Project: Software Engineering | 5 | Written Assessment: Project Report |
| 4. Semester | Apr/May/Jun | IT Project Management | DLBCSEITPAM01 | IT Project Management | 5 | Exam |
| | Apr/May/Jun | Introduction to Process Management | DLBWIEPM01_E | Introduction to Process Management | 5 | Exam/Written Assessment: Written Assignment |
| | Apr/May/Jun | Data Analytics and Big Data | DLBINGDABD01_E | Data Analytics and Big Data | 5 | Case Study |
| | Jun/Jul/Aug | Corporate Finance and Investment | DLBCFIE01 | Corporate Finance and Investment | 5 | Written Assignment |
| | Jun/Jul/Aug | Software Quality Assurance | DLBCSSQA01 | Software Quality Assurance | 5 | Exam |
| | Jun/Jul/Aug | Seminar: Software Engineering | ISSE01_E | Seminar: Software Engineering | 5 | Research Essay |
| 5. Semester | Oct/Nov/Dec | Digital Business Models | DLBLODB01_E | Digital Business Models | 5 | Exam |
| | Oct/Nov/Dec | Organizational Behavior | DLBBWOB01_E | Organizational Behavior | 5 | Case Study |
| | Oct/Nov/Dec | Purchasing, Procurement and Distribution | DLBLOISCM102_E | Purchasing, Procurement and Distribution | 5 | Exam |
| | Jan/Feb/Mar | IT Law | DLBCSIITL01 | IT Law | 5 | Written Assessment: Case Study |
| | online | ELECTIVE A* | | e.g. Big Data and Cloud Technologies | 10 | |
| 6. Semester | online | ELECTIVE B* | | e.g. Applied Sales | 10 | |
| | online | ELECTIVE C* | | e.g. Business Intelligence | 10 | |
| | online | Bachelor Thesis | | Bachelor Thesis Thesis Defense | 9 | Bachelor Thesis Presentation: Colloquium |
| Total | | | | | 180 ECTS | |



INTERNATIONAL UNIVERSITY OF APPLIED SCIENCES

The IU International University of Applied Sciences offers you the flexibility to study on Campus for one semester or more and switch to online or the other way around.

Each semester consists of two blocks, so that the examination phases are better distributed over the year.

In each block, there are 9 weeks of attendance to deepen the content in direct exchange with fellow students and lecturers. Each block concludes with a two-week examination phase.

Attention: For the first year in campus studies, the exact sequence must be followed.

Attendance times may vary slightly depending on public holidays and the federal state holidays the campus is located in.

* Electives: Choose one module from the Elective A, one module from the Elective B and one module from the Elective C. Every elective module can only be chosen once.

Note: The Electives will only be held in distance learning (online).

| Elective A | Elective B | Elective C |
|--|---|---|
| Big Data and Cloud Technologies Business Intelligence Data Engineer Foundations of Programming with Python IT Security IT Service Management Java and Web Development Logic and Artificial Intelligence Mobile Software Engineering Salesforce Platform Development | Applied Sales Smart Factory Smart Services Supply Chain Management | Applied Sales Big Data and Cloud Technologies Business Intelligence Data Engineer Foundations of Programming with Python IT Security IT Service Management Java and Web Development Logic and Artificial Intelligence Mobile Software Engineering Salesforce Platform Development Smart Factory Smart Services Supply Chain Management |