

**CURRICULUM B.Sc. BUSINESS & IT**  
myStudies, 180 ECTS

Month	Model 1: Programme Start October			Model 2: Programme Start January			Model 3: Programme Start April			Model 4: Programme Start July															
	Courses			Courses			Courses			Courses															
Oct	Introduction to Computer Science	Object-oriented Programming with Java	Management Accounting	Semester Break																					
Nov																									
Dec																									
Jan	Mathematics I	Statistics - Probability & Descriptive Statistics	Collaborative Work	Mathematics I	Statistics - Probability & Descriptive Statistics	Collaborative Work	Semester Break																		
Feb																									
Mar																									
Apr	Data structures and Java class library	Business 101	Web Application Development	Introduction to Computer Science	Object-oriented Programming with Java	Management Accounting	Introduction to Computer Science	Object-oriented Programming with Java	Management Accounting	Semester Break															
May																									
Jun																									
Jul	Fundamentals of IT and ERP systems	Principles of Management	Introduction to Academic Work	Fundamentals of IT and ERP systems	Principles of Management	Introduction to Academic Work	Mathematics I	Statistics - Probability & Descriptive Statistics	Collaborative Work	Mathematics I	Statistics - Probability & Descriptive Statistics	Collaborative Work													
Aug																									
Sep													Semester Break												
Oct	Requirements Engineering	Database Modeling and Database Systems	Intercultural and Ethical Decision-Making	Data structures and Java class library	Business 101	Web Application Development	Data structures and Java class library	Business 101	Web Application Development	Introduction to Computer Science	Object-oriented Programming with Java	Management Accounting													
Nov																									
Dec																									
Jan	International Marketing	Programming Information Systems with Java EE	Software Quality Assurance	International Marketing	Programming Information Systems with Java EE	Software Quality Assurance	Fundamentals of IT and ERP systems	Principles of Management	Introduction to Academic Work	Fundamentals of IT and ERP systems	Principles of Management	Introduction to Academic Work													
Feb																									
Mar																									
Apr	IT Project Management	Introduction to Process Management	Data Analytics and Big Data	IT Project Management	Introduction to Process Management	Data Analytics and Big Data	IT Project Management	Introduction to Process Management	Data Analytics and Big Data	Data structures and Java class library	Business 101	Web Application Development													
May																									
Jun													Semester Break												
Jul	Corporate Finance and Investment	Project: Software Engineering	Seminar: Software Engineering	Corporate Finance and Investment	Project: Software Engineering	Seminar: Software Engineering	Corporate Finance and Investment	Project: Software Engineering	Seminar: Software Engineering	Corporate Finance and Investment	Project: Software Engineering	Seminar: Software Engineering													
Aug																									
Sep													Semester Break												
Oct	Digital Business Models	Organizational Behavior	Elective (online)	Elective (online)	Requirements Engineering	Database Modeling and Database Systems	Intercultural and Ethical Decision-Making	Requirements Engineering	Database Modeling and Database Systems	Intercultural and Ethical Decision-Making	Requirements Engineering	Database Modeling and Database Systems	Intercultural and Ethical Decision-Making												
Nov																									
Dec																									
Jan	IT Law	Elective (online)	Elective (online)	IT Law	Elective (online)	Elective (online)	International Marketing	Programming Information Systems with Java EE	Software Quality Assurance	International Marketing	Programming Information Systems with Java EE	Software Quality Assurance													
Feb																									
Mar																									
Apr	Purchasing, Procurement and Distribution	Elective (online)	Elective (online)	Purchasing, Procurement and Distribution	Elective (online)	Elective (online)	Purchasing, Procurement and Distribution	Elective (online)	Elective (online)	IT Project Management	Introduction to Process Management	Data Analytics and Big Data													
May																									
Jun													Semester Break												
Jul	Bachelor Thesis			Bachelor Thesis			Bachelor Thesis			Bachelor Thesis															
Aug																									
Sep	Semester Break																								
Oct	Digital Business Models	Organizational Behavior	Elective (online)	Elective (online)	Digital Business Models	Organizational Behavior	Elective (online)	Elective (online)	Digital Business Models	Organizational Behavior	Elective (online)	Elective (online)													
Nov																									
Dec																									
Jan	IT Law	Elective (online)	Elective (online)	IT Law	Elective (online)	Elective (online)	IT Law	Elective (online)	Elective (online)	IT Law	Elective (online)	Elective (online)													
Feb																									
Mar																									
Apr	Purchasing, Procurement and Distribution	Elective (online)	Elective (online)	Purchasing, Procurement and Distribution	Elective (online)	Elective (online)	Purchasing, Procurement and Distribution	Elective (online)	Elective (online)	Purchasing, Procurement and Distribution	Elective (online)	Elective (online)													
May																									
Jun													Semester Break												



Here you see the order in which you can study your courses in presence depending on your personal study start in October, January, April or July. IU International University of Applied Sciences offers you the flexibility to switch from campus to online studies or the other way around. You decide which semester you want to spend on campus or online. The above is only valid for DACH students. For INT Students: attending the courses on Campus in presence is mandatory and will be verified due to VISA regulations.

Each semester consists of two blocks that conclude with a two-week exam preparation phase. You can also defer those exams to a later date that you do not want to take during this period. This way, your exam phases are always spread evenly over the year.

In each block, you attend classes on campus for usually three courses to deepen the content in direct exchange with your fellow students and lecturers. You have semester breaks in June and September.

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

If you are studying Model 2, 3 or 4 you will have to start your Bachelor Thesis before completing your final courses.

Elective A*	Elective B*	Elective C*
<b>Big Data and Cloud Technologies</b> Big Data Technologies Cloud Computing <b>Business Intelligence</b> Business Intelligence Project: Business Intelligence <b>Data Engineer</b> Data Engineering Project: Data Engineering <b>Foundations of Programming with Python</b> Introduction to Programming with Python Object Oriented and Functional Programming with Python <b>IT Security</b> Introduction to Data Protection and Cyber Security Cryptography	<b>IT Service Management</b> IT Service Management Project: IT Service Management <b>Logic and Artificial Intelligence</b> Theoretical Computer Science and Mathematical Logic Artificial Intelligence <b>Mobile Software Engineering</b> Mobile Software Engineering I Mobile Software Engineering II <b>Salesforce Platform Development</b> Salesforce Platform App Builder Salesforce Platform Developer	<b>Applied Sales</b> Applied Sales I Applied Sales II <b>Smart Factory</b> Smart Factory I Smart Factory II <b>Smart Services</b> Smart Services I Smart Services II <b>Salesforce Platform Management</b> Salesforce Fundamentals CRM with Salesforce Service Cloud <b>Supply Chain Management</b> Supply Chain Management I Supply Chain Management II
<b>Mobile Software Engineering</b> Mobile Software Engineering I Mobile Software Engineering II <b>Salesforce Platform Development</b> Salesforce Platform App Builder Salesforce Platform Developer <b>Smart Factory</b> Smart Factory I Smart Factory II <b>Smart Services</b> Smart Services I Smart Services II <b>Supply Chain Management</b> Supply Chain Management I Supply Chain Management II <b>Salesforce Platform Management</b> Salesforce CRM with Salesforce Service Cloud <b>Internship**</b> Studium Generale		

Module	Course Code	Course	ECTS	Type of Exam
Introduction to Computer Science	DLBCSIC01	Introduction to Computer Science	5	Exam
Object-oriented Programming with Java	DLBCSOOPJ01	Object-oriented Programming with Java	5	Exam
Management Accounting	DLBMAE01	Management Accounting	5	Exam/Written Assessment: Written Assignment
Mathematics I	DLBSCM101	Mathematics I	5	Exam
Statistics: Probability and Descriptive Statistics	DLBDSPPS01	Statistics: Probability and Descriptive Statistics	5	Exam
Collaborative Work	DLBSCSW01	Collaborative Work	5	Oral Assignment
Data structures and Java class library	DLBSCSJCLO1	Data structures and Java class library	5	Exam
Business 101	DLBBAB01_E	Business 101	5	Exam/Written Assessment: Written Assignment
Web Application Development	DLBSCWAD01	Web Application Development	5	Advanced Workbook
Programming Information Systems with Java EE	IPWA02_E	Programming Information Systems with Java EE	5	Exam
Principles of Management	DLBBAPM01_E	Principles of Management	5	Case Study
Introduction to Academic Work	DLBCSIAW01	Introduction to Academic Work	5	Basic Workbook
Requirements Engineering	DLBSCRE01	Requirements Engineering	5	Exam
Database Modeling and Database Systems	DLBCSDMDS01	Database Modeling and Database Systems	5	Case Study
Intercultural and Ethical Decision-Making	DLBCSIDM01	Intercultural and Ethical Decision-Making	5	Case Study
International Marketing	DLBDSIMB01	International Marketing	5	Exam
Fundamentals of IT and ERP systems	DLBFGSY/S01_E	Fundamentals of IT and ERP systems	5	Exam
Project: Software Engineering	DLBCSPSE01	Project: Software Engineering	5	Written Assessment: Project Report
IT Project Management	DLBCSEITPAM01	IT Project Management	5	Exam
Introduction to Process Management	DLBWIEPM01_E	Introduction to Process Management	5	Exam/Written Assessment: Written Assignment
Data Analytics and Big Data	DLBINGDABD01_E	Data Analytics and Big Data	5	Case Study
Corporate Finance and Investment	DLBCFIE01	Corporate Finance and Investment	5	Written Assignment
Software Quality Assurance	DLBCSSQA01	Software Quality Assurance	5	Exam
Seminar: Software Engineering	ISSE01_E	Seminar: Software Engineering	5	Research Essay
Digital Business Models	DLBLODB01_E	Digital Business Models	5	Exam
Organizational Behavior	DLBBWOB01_E	Organizational Behavior	5	Case Study
Purchasing, Procurement and Distribution	DLBLOISCM102_E	Purchasing, Procurement and Distribution	5	Exam
IT Law	DLBCSITL01	IT Law	5	Written Assessment: Case Study
ELECTIVE A*		e.g. IT Service Management	10	
ELECTIVE B*		e.g. Supply Chain Management	10	
ELECTIVE C*		e.g. Applied Sales	10	
Bachelor Thesis		Bachelor Thesis	9	Bachelor Thesis
		Thesis Defense	1	Presentation: Colloquium

\* Electives: Choose one module with two courses 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.  
 \*\* The elective "Internship" is offered for the first time in October 2022.  
 Note: The Electives are only offered in distance learning (online).