CURRICULUM B.Sc. BUSINESS & IT

myStudies, 180 ECTS

	Model 1: Programme Start October				Model 2: Programme Start January				Model 3: Programme Start April				Model 4: Programme Start July			
Month		Courses				Courses				Courses				Courses		
Oct																
Nov		Introduction to Object-orier Computer Science Programming w		Management Accounting												
Dec				0												
Jan		Chatiatian Dua	Chatiatian Dunkahilita 0			Ctatistics Dyaloshility 0										
Feb	Mathematics I	Statistics - Probability & Descriptive Statistics		Collaborative Work	Mathematics I		Statistics - Probability & Descriptive Statistics	Collaborative Work								
Mar																
Apr		Data Structures and Java Class Library Business 101		Web Application	Introduction to	Object-c		Management	Introduction to	1 ,		Management				
May	Java Class Library			Development	Computer Scienc	e Programmin	ng with Java	Accounting	Computer Science	Programming with Java		Accounting				
Jun					ı			Semest	er Break I				I			
Jul	Fundamentals of IT	I Principles of Management I		Introduction to Academic Work	Fundamentals of land ERP systems	Principles of I	Management	Introduction to Academic Work	Mathematics I	Statistics - Probability & Descriptive Statistics		Collaborative Work	Mathematics I	Statistics - Probability & Descriptive Statistics	Collaborative Work	
Aug	and LIVE Systems			Academic WOLK	and LKF systems	'			an Bread							
Sep								Semest	er Break							
Oct Nov	Requirements	Database Mod	Database Modeling and		Data Structures ar	Rusine	oss 101	Web Application	Data Structures ar	l Rucino	Business 101		Introduction to Computer Science	Object-oriented Programming with Java	Management Accounting	
Dec	Engineering	Database Systems		Ethical Decision- Making	Java Class Library Business 101		:55 101	Development	Java Class Library	y	33 101	Development				
Jan																
Feb	International			Software Quality	International	Programming	•		Fundamentals of I	Principles of Management		Introduction to	Fundamentals of IT	Principles of Management	Introduction to	
Mar	Marketing	Systems with	Java EE	Assurance	Marketing	Systems wi	ith Java EE	Assurance	and ERP systems	gement		Academic Work	and ERP systems	Timespies of management	Academic Work	
Apr	IT Project	Introduction to	Introduction to Process		IT Project	Introduction	n to Process	Data Analytics and	IT Project	Introduction to Process Management		Data Analytics and Big Data	Data Structures and Java Class Library	Business 101	Web Application Development	
May	Management	-		Data Analytics and Big Data	Management	Manag		Big Data	Management							
Jun				Į.				Semest	er Break						·	
Jul	Corporate Finance	Project: Sof	Project: Software Seminar: So		Corporate Financ	e Project: S	Software	Seminar: Software	Corporate Financ	e Project: Software		Seminar: Software	Corporate Finance	Project: Software	Seminar: Software	
Aug	and Investment	Engineering		Engineering	and Investment	Engineering		Engineering	and Investment	· ·		Engineering	and Investment	Engineering	Engineering	
Sep								Semest	er Break							
Oct	Digital Business (rganizational Elective		Elective (online)	Requirements	Database Mo	odoling and	Intercultural and Ethical Decision- Making	Requirements	Database Modeling and Database Systems		Intercultural and Ethical Decision- Making	Requirements Engineering	Database Modeling and Database Systems	Intercultural and Ethical Decision- Making	
Nov	Models	Behavior (online)	Engineering		Database	•	Engineering									
Dec												Making				
Jan		Elective (online)		Elective		Elec	tive	Elective (online)	International	Programming Information Systems with Java EE		Assurance	International Marketing	Programming Informatio	Assurance	
Feb	IT Law			(online)	IT Law	(onli			Marketing					Systems with Java EE		
Mar	Purchasing,				Purchasing,				Purchasing,							
Apr	Procurement and	Electiv (online		Elective (online)	Procurement and	Elec (onli		Elective (online)	Procurement and	d Elec (onli		Elective (online)	IT Project Management	Introduction to Process Management	Data Analytics and Big Data	
May	Distribution	(Online)	-/	(ontine)	Distribution	(Onto			Distribution	(0110)		(ontine)	Mariagement	Munagement	Dig Data	
Jun Jul								Semest	er Break							
Aug	Bachelor Thesis				Bachelor Thesis				Bachelor Thesis				Bachelor Thesis			
Sep								Semest	l er Break							
Oct								35630								
Nov					_	Organizational	Elective	Elective	Digital Business	· ·	Elective	Elective	· ·	Organizational Elective		
Dec					Models	Behavior	(online)	(online)	Models	Behavior	(online)	(online)	Models	Behavior (online	(online)	
Jan																
Feb									IT Law	Elec (onl		Elective (online)	IT Law	Elective (online)	Elective (online)	
Mar										(OIII)	iiie)	(ontine)		(Online)	(Online)	
Apr													Purchasing,	Elective	Elective	
May													Procurement and Distribution	(online)	(online)	

INTERNATIONAL UNIVERSITY OF APPLIED SCIENCES

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Here you see the order in which you study your courses in presence depending on your personal study start in October, January, April or July. Each semester consists of two blocks. 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. Attending the courses on campus is mandatory and will be verified due to Visa regulations (not valid for DACH students).

Each block concludes with a two-week exam preparation phase. You can 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. Exceptions to this are courses that count as admission requirements for other courses.

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.

Big Data and Cloud Technologies
Big Data Technologies
Cloud Computing

Business Intelligence

Cryptography

Business Intelligence
Project: Business Intelligence

Data Engineer

Data Engineering
Project: Data Engineering

Foundations of Programming with Python
Introduction to Programming with Python
Object Oriented and Functional Programming with Python

IT Security

Introduction to Data Protection and Cyber Security

IT Service Management
Project: IT Service Management

Logic and Artificial Intelligence
Theoretical Computer Science and Mathematical Logic
Artificial Intelligence

Mobile Software Engineering
Mobile Software Engineering I
Mobile Software Engineering II
Salesforce Platform Development
Salesforce Platform App Builder
Salesforce Platform Developer

IT Service Management

Applied Sales
Applied Sales I
Applied Sales II
Smart Factory
Smart Factory II
Smart Services
Smart Services II
Smart Services II
Salesforce Platform Management
Salesforce Fundamentals
CRM with Salesforce Service Cloud
Supply Chain Management I

Supply Chain Management II

Applied Sales Applied Sales I Applied Sales II Business Intelligence Business Intelligence Project: Business Intelligence Data Engineer Data Engineering Project: Data Engineering Foundations of Programming with Python Introduction to Programming with Python Object Oriented and Functional Programming with Python IT Security Introduction to Data Protection and Cyber Security Cryptography IT Service Management IT Service Management

Elective C*

IT Service Management
IT Service Management
Project: IT Service Management
Logic and Artificial Intelligence
Theoretical Computer Science and Mathematical Logic
Artificial Intelligence

Mobile Software Engineering Mobile Software Engineering I Mobile Software Engineering II Salesforce Platform Development Salesforce Platform App Builder Salesforce Platform Developer Smart Factory Smart Factory I Smart Factory II Smart Services Smart Services I Smart Services II Supply Chain Management Supply Chain Management I Supply Chain Management II Salesforce Platform Management Salesforce CRM with Salesforce Service Cloud Internship** Studium Generale

Course Information ECTS Module **Course Code** Course Type of Exam DLBCSICS01 Introduction to Computer Science Introduction to Computer Science Exam DLBCSOOPJ01 Object-oriented Programming with Java Object-oriented Programming with Java Exam Exam/Written Assessment: Written Assignment Management Accounting DLBMAE01 Management Accounting DLBCSM101 Exam Mathematics I Mathematics I DLBDSSPDS01 Statistics: Probability and Descriptive Statistics Statistics: Probability and Descriptive Statistics Exam DLBCSCW01 Collaborative Work Collaborative Work Oral Assignment DLBCSDSJCL01 Data Structures and Java Class Library Data Structures and Java Class Library Exam DLBBAB01_E Exam/Written Assessment: Written Assignment Business 101 Business 101 DLBCSWAD01 Web Application Development Web Application Development Advanced Workbook IPWA02_E Exam Programming Information Systems with Java EE Programming Information Systems with Java EE **Principles of Management** DLBBAPM01_E Principles of Management Case Study DLBCSIAW01 Introduction to Academic Work Introduction to Academic Work Basic Workbook DLBCSRE01 Requirements Engineering Requirements Engineering Exam Database Modeling and Database Systems DLBCSDMDS01 Database Modeling and Database Systems Case Study Intercultural and Ethical Decision-Making DLBCSIDM01 Intercultural and Ethical Decision-Making Case Study DLBDSEIMB01 International Marketing International Marketing Exam Fundamentals of IT and ERP systems DLBFMGSYS01_E Fundamentals of IT and ERP systems Exam Project: Software Engineering DLBCSPSE01 Project: Software Engineering Written Assessment: Project Report DLBCSEITPAM01 Exam IT Project Management IT Project Management DLBWIEPM01_E Exam/Written Assessment: Written Assignment Introduction to Process Management Introduction to Process Management DLBINGDABD01_E Data Analytics and Big Data Data Analytics and Big Data Case Study DLBCFIE01 Written Assignment Corporate Finance and Investment Corporate Finance and Investment Software Quality Assurance DLBCSSQA01 Exam Software Quality Assurance ISSE01_E Seminar: Software Engineering Seminar: Software Engineering Research Essay **Digital Business Models** DLBLODB01_E Digital Business Models Exam DLBBWOB01_E Case Study Organizational Behavior Organizational Behavior Purchasing, Procurement and Distribution DLBLOISCM102_E Purchasing, Procurement and Distribution Exam DLBCSIITL01 Written Assessment: Case Study IT Law IT Law **ELECTIVE A*** e.g. IT Service Management 10 **ELECTIVE B*** 10 e.g. Supply Chain Management **ELECTIVE C*** 10 e.g. Applied Sales **Bachelor Thesis Bachelor Thesis Bachelor Thesis** Thesis Defense 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).