CURRICULUM B.Sc. BUSINESS & IT Model 1: Programme Start October Model 2: Programme Start January Model 3: Programme Start April Model 4: Programme Start July INTERNATIONAL Oct UNIVERSITY OF APPLIED SCIENCES Introduction to computer Science Object-oriented Programming with Jav Nov Dec Jan Feb Mathematics I Mar Data Structures and Java Class Library Apr Introduction to Object-oriented Management Computer Science Programming with Java Accounting Business 101 May Jun 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 deepen the content in direct exchange with your fellow students and lecturers. Jul Fundamentals of IT and ERP systems Principles of Management Academic Work Fundamentals of IT and ERP systems Principles of Management Introduction to Academic Work Mathematics I Statistics - Probability & Collaborative Work Descriptive Statistics Mathematics I Statistics - Probability & Collaborative W-Aug e Period Lectur Oct Nov Dec Data Structures and Java Class Library Intercultural and Ethical Decision-Making Data Structures and Java Class Library Database Modeling and Database Systems Management Accounting Business 101 Business 101 Jan Feb Software Quality Assurance Programming Information Systems with Java EE* Software Quality Assurance undamentals of and ERP systems International Marketing Programming Information Systems with Java EE* International Marketing Mar Data Structures and Java Class Library Data Analytics a Big Data Web Application Development Business 101 Lectu Corporate Finance and Investment Jul Corporate Finance and Investment Project: Software Engineering Seminar: Software Engineering Project: Software Engineering Seminar: Software Corporate Finance and Investment Project: Software Engineering Seminar: Software Engineering Project: Software Engineering Seminar: Softwa Engineering Aug Sep Oct Nov Intercultural and Ethical Decision-Making Intercultural and Ethical Decision-Making Elective A Course b Database Modeling and Database Systems Database Modeling and Database Systems Database Modeling and Database Systems Dec Jan Elective B Course c Elective B Course d Elective B Course c Elective B Course d Software Qualit Assurance International Marketing IT Law Feb IT Law Mar Apr Purchasing, Purchasing, Procurement and Distribution IT Project Management Elective C Course e Elective C Course f Elective C Course e Elective C Course f Elective C Course e Elective C Course f Data Analytics a Big Data May Jun Jul Bachelor Thesis Bachelor Thesis Bachelor Thesis Bachelor Thesis Aug Sep Oct Nov If you are studying Model 2, 3 or 4 you will have to start your Bachelor Thesis before completing your final courses. Elective A Course a Elective A Course b Digital Busine Elective A Course a Elective A Course a Elective A Course b Elective A Course b Dec Ø Jan Feb Mar Elective B Course d Elective B Course d IT Law IT Law Note: You can already start with your thesis earlier than the designated block, once you have met the minumum amount of credit points required to ente Elective C Course e Elective C Course f May A~ nd Cloud Technologies a) Big Data Technologies* b) Cloud Computing ionagement a) IT Service Management b) Project: IT Service Management rificial Intelligence a) Theoretical Computer Science and b) Artificial Intelligence ces e) Smart Services I f) Smart Services II in Monagement e) Supply Chain Management II f) Supply Chain Management II c) Applied Sales I d) Applied Sales II c) Smart Factory I d) Smart Factory II a) Business Intelligence b) Project: Business Intellig ces c) Smart Services I d) Smart Services II Plotform Management c) Salesforce Fundamentals d) CRM with Salesforce Servi rer e) Data Engineering f) Project: Data Engineering sof Programming with Python e) Introduction to Programming with Python f) Object Oriented and Functional Programming with Pyth O Colect Collected and restoction and Cyber Security O Comparison O Collected and Cyber Security O Comparison O Collected Annual Protection and Cyber Security O Comparison O Frequent To Annual Restoration O Frederical Intelligence O Frederical Intelligence O Mobile Software Engineering I O Mobile Software Enginee e) Smart Services I f) Smart Services II It Sanut Services II Tomoto It Fridging Techniques It Fridging Techniques

elopment
e) Personal Career Plan
f) Personal Elevator Pitch
Specialization
e) Project: AWS - Cloud Essentials
f) Project: AWS - Cloud Advanced

* Electives: Choose one module with two courses from the Elective A, one module from the Elective C Every elective module can only be choose note.

* This course comes with admissions requirements. Please consult the module handbo for more information.

Note: Elective modules where the minimum number of participants is not reached will not be offered in the first produce the modules where the minimum number of participants is not reached will not be offered online (distance learning). However, I/O ensures that there are always

Course Information	Course Code	Course	FCTS Credits	Type of Exam
				Exam
ntroduction to Computer Science	DLBCSICS01	Introduction to Computer Science	5	
bject-oriented Programming with Java	DLBCSOOPJ01	Object-oriented Programming with Java	5	Exam
Aanagement Accounting	DLBMAE01	Management Accounting	5	Exam/Written Assessment: Written Assignment
Aathematics I	DLBCSM101	Mathematics I	5	Exam Exam
tatistics: Probability and Descriptive Statistics	DLBDSSPDS01-01	Statistics: Probability and Descriptive Statistics	5	
collaborative Work	DLBCSCW01	Collaborative Work	5	Oral Assignment
ata Structures and Java Class Library	DLBCSDSJCL01	Data Structures and Java Class Library	5	Exam
usiness 101	DLBBAB01_E	Business 101	5	Exam/Written Assessment: Written Assignment
leb Application Development	DLBCSWAD01	Web Application Development	5	Advanced Workbook
rogramming Information Systems with Java EE*	IPWA02-01_E	Programming Information Systems with Java EE*	5	Exam
rinciples of Management	DLBBAPM01_E	Principles of Management	5	Written Assessment: Case Study
ntroduction to Academic Work	DLBCSIAW01	Introduction to Academic Work	5	Basic Workbook
equirements Engineering	DLBCSRE01	Requirements Engineering	5	Exam
atabase Modeling and Database Systems	DLBCSDMDS01	Database Modeling and Database Systems	5	Exam
tercultural and Ethical Decision-Making	DLBCSIDM01	Intercultural and Ethical Decision-Making	5	Written Assessment: Case Study
iternational Marketing	DLBDSEIMB01	International Marketing	5	Exam
undamentals of IT and ERP systems	DLBFMGSYS01_E	Fundamentals of IT and ERP systems	5	Exam
roject: Software Engineering	DLBCSPSE01	Project: Software Engineering	5	Written Assessment: Project Report
Project Management	DLBCSEITPAM01	IT Project Management	5	Exam
stroduction to Process Management	DLBWIEPM01_E	Introduction to Process Management	5	Exam/Written Assessment: Written Assignment
ata Analytics and Big Data	DLBINGDABD01_E	Data Analytics and Big Data	5	Written Assessment: Case Study
orporate Finance and Investment	DLBCFIE01	Corporate Finance and Investment	5	Written Assessment: Written Assignment
oftware Quality Assurance	DLBCSSQA01	Software Quality Assurance	5	Exam
eminar: Software Engineering	ISSE01_E	Seminar: Software Engineering	5	Written Assessment: Research Essay
igital Business Models	DLBLODB01_E	Digital Business Models	5	Exam/Advanced Workbook
rganizational Behavior	DLBBWOB01_E	Organizational Behavior	5	Written Assessment: Case Study
urchasing, Procurement and Distribution	DLBLOISCM102_E	Purchasing, Procurement and Distribution	5	Exam
Law	DLBCSITL01	IT Law	5	Written Assessment: Case Study
LECTIVE A-		e.g. IT Service Management	10	
LECTIVE B-		e.g. Supply Chain Management	10	
LECTIVE C-		e.g. Applied Sales	10	
achelor Thesis		Bachelor Thesis	9	Bachelor Thesis
		Thesis Defense	1	Presentation: Colloquium