CURRICULUM MASTER'S PROGRAMME IN INFORMATION SYSTEMS

Majors in Business Process Management and Data Science

BASIC EDUCATION: 1ST AND 2ND SEMESTERS

1	Management Information Systems 9 ECTS	Research Methods 6 ECTS	Process and Data Management 3 ECTS	Cyber Security 3 ECTS	Business Statistics I 3 ECTS	Innovation Lab I 3 ECTS	Cross-Faculty Elective I 3 ECTS
2	Systems Analysis and Design 6 ECTS	Supply Chain Management 6 ECTS	Leadership and Management 6 ECTS	Innovation Lab II 3 ECTS	Business Statistics II 3 ECTS	Cross-Faculty Elective II 3 ECTS	Cross-Faculty Elective III 3 ECTS

MAJOR IN BUSINESS PROCESS MANAGEMENT (BPM): 3RD SEMESTER

3	Process Analysis 9 ECTS	Process Implementation 6 ECTS	Process Management 6 ECTS	Project Seminar BPM 6 ECTS	Research Seminar BPM 3 ECTS

MAJOR IN DATA SCIENCE (DS): 3RD SEMESTER

3	Data Management 6 ECTS	Business Intelligence 6 ECTS	Data Mining and Predictive Analytics 6 ECTS	Decision Theory 3 ECTS	Project Seminar DS 6 ECTS	Research Seminar DS 3 ECTS

MASTER'S THESIS: 4TH SEMESTER

4	Master's Thesis 27 ECTS	Cross-Faculty Elective IV 3 ECTS

Please note: The curriculum is subject to change. Courses might be changed or updated at a later point.

University of Liechtenstein, Fürst-Franz-Josef-Strasse, 9490 Vaduz, Liechtenstein, phone +423 265 11 11, fax +423 265 11 12, info@uni.li, www.uni.li