

CURRICULUM MASTER'S PROGRAMME IN INFORMATION SYSTEMS

University of Liechtenstein

BASIC EDUCATION: 1 ST AND 2 ND SEMESTERS										
1	Management Information Systems 6 ECTS		Business Process Management 6 ECTS		Data and Application Security 6 ECTS		Data Management 3 ECTS	Business Statistics 3 ECTS	Innovation Lab 3 ECTS	Cross-Faculty Elective I 3 ECTS
2	Information Systems Modelling 3 ECTS	Information Systems Development 3 ECTS	Digital Innovation 6 ECTS		Data Science 6 ECTS	Enterprise Architecture Management 3 ECTS		Elective I 3 ECTS	Digital Business 3 ECTS	Cross-Faculty Elective II 3 ECTS
SPECIALISATION: 3 RD SEMESTER										
3	Emerging IT Topics 3 ECTS	Human-Centred Design 3 ECTS	Elective II 3 ECTS	Elective III 3 ECTS	Elective IV 3 ECTS	Research Methods 3 ECTS	Research Seminar 3 ECTS	Project Seminar 6 ECTS		Cross-Faculty Elective III 3 ECTS
MASTER'S THESIS: 4 TH SEMESTER										
4	Master's Thesis 27 ECTS									Cross-Faculty Elective IV 3 ECTS

Students can take electives in three subject areas: **Business Process Management**, **Data and Application Security**, or **Data Science**. Currently, the following electives are offered:

- **Business Process Management:** BPM and Organisational Practice, Business Process Analysis, Business Process Implementation, Supply Chain Management
- **Data and Application Security:** Network and System Security, Intrusion Detection and Mitigation, Security Management
- **Data Science:** Artificial Intelligence and Deep Learning, Advanced Machine Learning, Data Visualisation, Multiple Linear Regression

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

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