

# BSc (Hons) Digital Technologies & Coding (Artificial Intelligence)

Semester overview: 6 semesters, starting in winter semester

1st Semester	2nd Semester	3rd Semester	4th Semester	5th Semester	6th Semester
Introduction to Artificial Intelligence) 10 ECTS	Basics of Machine Learning 10 ECTS	Language Proficiency & Cultural Sensitivity 10 ECTS	Digital Technologies & Society 10 ECTS	Communication Skills 10 ECTS	Entrepreneurship 10 ECTS
Academic Writing & Research 10 ECTS	Networks 10 ECTS	Advanced Machine Learning 10 ECTS	Software Project II 20 ECTS	Student Initiative 10 ECTS	Advanced Research Methods in Digital Technologies & Coding 10 ECTS
IT as a Profession 10 ECTS	Agile IT Project Management 10 ECTS	Empirical Research & Statistics 10 ECTS		Internship 40 ECTS	Special Topics in Digital Technologies & Coding 10 ECTS
Basics of Coding 10 ECTS	Advanced Coding Skills 10 ECTS	Operating and Data Systems 10 ECTS	AI Systems and Deep Learning 10 ECTS		Bachelor Thesis 30 ECTS
Analysis 10 ECTS	Discrete Mathematics 10 ECTS	Software Project I 20 ECTS	Information Security 10 ECTS		
Data Structures & Algorithms 10 ECTS	Data Base Systems 10 ECTS		GUI 10 ECTS		
<b>60 ECTS</b>	<b>60 ECTS</b>	<b>60 ECTS</b>	<b>60 ECTS</b>	<b>60 ECTS</b>	<b>60 ECTS</b>

## Degree specialisations

### One specialisation is chosen:

- » Software Engineering (SE)
- » UI/UX Design (UUD)
- » **Artificial Intelligence (AI)**

Track specific modules correspond with the relevant specialisation.

## Job perspectives (by track chosen)

Chief Digital Officer (SE, UUD)  
 Software Project Manager (SE, UUD, AI)  
 Software Product Manager (SE, UUD, AI)  
 App Developer (SE, UUD, AI)  
 Full Stack Developer (SE)  
 ERP Developer (SE)  
 CRM Developer (SE)  
 User Experience Designer (UUD)  
 User Interface Designer (UUD)  
 Digital Art Director (UUD)  
 AI Developer (AI)  
 Artificial Intelligence Engineer (AI)