macromedia university of applied sciences

BACHELOR DEGREE (VALIDATED BY REGENT'S UNIVERSITY LONDON)

REGENT'S UNIVERSITY LONDON

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) 5 ECTS	Basics of Machine Learning 5 ECTS	Language Proficiency & Cultural Sensitivity 5 ECTS	Digital Technologies & Society 5 ECTS	Communication Skills 5 ECTS	Entrepreneurship 5 ECTS
Academic Writing & Research 5 ECTS	Networks 5 ECTS	Advanced Machine Learning 5 ECTS	Software Project II 10 ECTS	Student Initiative 5 ECTS	Advanced Research Methods in Digital Technologies & Coding 5 ECTS
IT as a Profession 5 ECTS	Agile IT Project Management 5 ECTS	Empirical Research & Statistics 5 ECTS		Internship 20 ECTS	Special Topics in Digital Technologies & Coding 5 ECTS
Basics of Coding 5 ECTS	Advanced Coding Skills 5 ECTS	Operating and Data Systems 5 ECTS	AI Systems and Deep Learning 5 ECTS		Bachelor Thesis 15 ECTS
Analysis 5 ECTS	Discrete Mathematics 5 ECTS	Software Project I 10 ECTS	Information Security 5 ECTS		
Data Structures & Algorithms 5 ECTS	Data Base Systems 5 ECTS		GUI 5 ECTS		
30 ECTS	**30 ECTS**	**30 ECTS**	**30 ECTS**	**30 ECTS**	**30 ECTS**

Degree specialisations

One specialisation is chosen:

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

Track specific modules corresponspond 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)

As of January 2023. Subject to change without notice. Only module plans that are published on the student portal at the start of the programme are binding.