

MSc in Artificial Intelligence

60 credits · 4 semesters · 2 years

Proposed postgraduate curriculum framework. Final course titles, credits and research requirements should be confirmed against the institution's approved academic regulations.

Semester 1

Course	Credits
Advanced Programming for AI	3
Mathematics for AI	2
Statistical Learning	3
Machine Learning	3
Data Engineering & Analytics	2
Research Methods	2

Semester 2

Course	Credits
Deep Learning	3
Natural Language Processing	2
Computer Vision	3
Knowledge Representation & Reasoning	3
Reinforcement Learning	2
AI Systems Lab	2

Semester 3

Course	Credits
Generative AI & Foundation Models	3
AI Engineering & MLOps	2
Responsible AI, Ethics & Governance	3
Advanced Applied AI	3
Research Seminar	2
Thesis Proposal	2

Semester 4

Course	Credits
AI Research Thesis / Capstone	12

Course	Credits
Thesis Defense & Research Dissemination	3

Curriculum note: This document is a website-ready academic planning framework. Final course codes, credits, prerequisites, electives and graduation requirements must follow the officially approved syllabus and affiliation/regulatory requirements.