

Artificial Intelligence MSc Program Course Map

1st Y, 1st Sem.

Introduction to Intelligent Methodologies	
Introduction to Multiagent Systems	Introduction to Intelligent Technologies
Blockchain Technologies: Foundation and Application	Deep Learning Architecture
Bioinformatic Analysis	Generative Artificial Intelligence
Medical Image Processing	Intelligence Medicine Engineering
Introduction to Quantum Computing	Quantum Information
Intelligent Cyber-Physical Systems	Graph Mining and Learning
Introduction to AI and Musics	Academic Paper Writing in Artificial Intelligence
Genomic Data Science	
Applications of Machine Learning	

1st Y, 2nd Sem.

Introduction to Cybersecurity	
Clinical Informatics	
Machine Learning and Its Medical Applications	Advanced Computer Vision
Generative Artificial Intelligence Applications	Natural Language Processing
Applications of Deep Learning	Digital Medical Image Processing
AI IC Design	Clinical Image Analysis
AI and Internet of Things	Quantum Machine Learning
AI and Internet of Things	Multiagent Systems
Introduction to Artificial Intelligence and Literature	
Advanced AI Programming	

2nd Y, 1st Sem.

Technical Literature Survey

2nd Y, 2nd Sem.

Technical Literature Survey

Elective

Elective Courses Offered by PhD Program

Graduation Requirement: 35 credits