For Academic Year 2024 Admission

AI Master Program Course Map

First Year

Compulsory

- Introduction to Artificial Intelligence and Machine Learning
- Computer Vision
- Technical Literature Survey (1)

Elective

- Quantum Machine Learning
- Bioinformatic Analysis
- Intelligence Medicine Engineering
- Introduction to Artificial Intelligence and Musics
- Multiagent System
- Generative Artificial Intelligence
- Introduction to Cybersecurity
- Intelligent Cyber-Physical Systems
- Natural Language Processing
- Deep Learning
- Technical Literature Survey (2)
- Artificial intelligence & Internet of Things
- AI IC Design
- Medical Image Processing
- Blockchain Technologies: Foundation and Applications
- Clinical informatics
- Robot Learning
- Introduction to Artificial Intelligence and Literature
- Introduction to Quantum Computing
- Digital Medical Image Processing

Graduation RequireMent: 35 credits

Second Year

Academic Track

- Independent Study(1)
- Technical Literature Survey (3)
- Independent Study(2)
- Technical Literature Survey (4)

Industrial Professional Track

- Independent Study(1)
- Technical Literature Survey (3)
- Industrial Practical Training (1)
- Compound Industrial Practical Training (1)
- Independent Study(2)
- Technical Literature Survey (4)
- Industrial Practical Training (2)
- Compound Industrial Practical Training (2)

[Industry Track] This track is only available to students who have passed the selection process conducted by the internship companies prior to enrollment. Students who are not selected by a company will be assigned to the Academic Track. (Applicable to students admitted in Academic Year 2024 and earlier.)