

Educational Objective
Prepare students to become artificial intelligence technology professionals with creative thinking and global perspectives

College-required Courses (10)

Departmental Required Courses (53)

GE Core Courses (13)

Service Education (0)

Physical Education (0)

Liberal Arts Education (10)

Departmental Electives Courses (42)

Intelligent System

Smart Automation

Career Plan

Year 1/Fall

- (GE Core Courses)
- (GE Elective Course)
- Service Education (I)
- Calculus (I)
- Physics
- Introduction to Computer Science
- Digital Logic Design
- The Introduction of Artificial Intelligence Technology

Year 1/Spring

- (GE Core Courses)
- (GE Elective Course)
- Service Education (II)
- Calculus (II)
- MATLAB Programming

Year 2/Fall

- Physical Education (I)
- (GE Elective Course)
- Python Programming
- Engineering Mathematics (I)
- Electric Circuits
- Electronics
- Signals & Systems
- Automatic Control

Year 2/Spring

- Physical Education (II)
- (GE Elective Course)
- Computer Vision
- Engineering Mathematics (II)
- Control Engineering Laboratory
- Electronics Laboratory
- Microprocessor

Year 3/Fall

- Digital Systems Laboratory
- Artificial Intelligence

Year 3/Spring

- Machine Learning
- Special Topic (I)

Year 4/Fall

- Special Topic (II)

Year 4/Spring

- Career Plan

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 Prerequisite Suggested

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 Procedure