KYUNGDONG UNIVERSITY GLOBAL
SOUTH KOREA

KDU
MAN OF MISSION
KYUNGDONG UNIVERSITY
취/업/사/관/학/교 경동대학교

Undergraduate Program in

Artificial Intelligence

Medium of Instruction : English (100%)

Duration of Study : 4 years



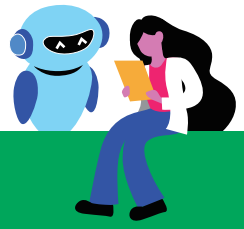
We lead the world with new tradition!

PROGRAM DESCRIPTION

At KDU Global, Artificial Intelligence (AI) represents a network of capabilities built together. Our undergraduate AI program trains students to navigate smoothly across five key areas of the field: computer vision, healthcare and bioinformatics, natural language processing, machine learning, and generative and agentic AI. Students progress from core programming and math into hands-on specialization across these areas, culminating in a two-semester capstone that turns coursework into deployed, real-world systems. Taught entirely in English on a truly global campus, this program prepares our graduates not just to use AI tools, but to design their fontiers -as builders, researchers, and entrepreneurs, shaping how humans and intelligent systems work together.

CAREER OPPORTUNITIES

The AI curriculum and its integrated components prepare graduates to tackle real-world challenges in computer vision, bioinformatics and healthcare, natural language processing, generative AI systems, and machine learning, building technologies that benefit the humanity. The career paths and prospects include guaranteed professions such as machine learning engineers, business intelligence specialists, bioinformatics scientists, brain-machine interface developers, robot vision and perception developers, NLP data scientists, generative AI engineers, LLM application developers, AI agent and automation engineers, and MLOps engineers.



CURRICULUM COMPONENTS

Computer Vision	Healthcare and Bioinformatics	Natural Language Processing	Generative AI and Smart Agents	Machine Learning	Korean Business Communication and Competencies Training
• Structure Programming • Object-oriented Programming • Computer Vision • Image and Video Analysis • Autonomous Vision System • 3D Computer Vision and Spatial AI • Robotics for Autonomous Systems • Robotic Vision and Perception	• Introduction to AI • Healthcare Informatics • Neurocomputing • Database Management Systems • Medical Image and Signal Analysis • Bioinformatics • Software Engineering for AI Systems	• Data Structures and Algorithms • Natural Language Processing • Information Retrieval • Recommender Systems • Text Mining and Analysis • MLOps and AI Deployment • Dialogue System	• Computing Systems • AI-Assisted Problem Solving • Generative AI • Cloud AI • LLM Theory and Applications • RAG and Vector Databases • Agentic AI • Thesis	• Machine Learning • Neural Networks • Deep Learning • Data Sciences • Artificial Intelligence Programming • AI Model Optimization • Pattern Recognition • Reinforcement Learning	• Understanding Korean Culture • Communication in Korean • Calculus • Linear Algebra • Ethics in AI • Probabilistic Methods in Engineering • Applied Research Methodology • Communication Skills and Technical Writing • Engineering Project Management • AI for Business

Contacts:
https://kduglobal.ac.kr
info@kduniv.ac.kr
prof.john.k.lee

Start your admission here:

Apply Now!