

Undergraduate Program in

Artificial Intelligence

Medium of Instruction: English (100%)

Duration of Study: 4 years

We lead the world with new traditions!

Program Description

The undergraduate degree course in Artificial Intelligence (AI) at KDU Global intends to nurture talents for leading AI innovations, entrepreneurs for the commercialization of AI technologies, and professionals to lead the growth of related global industries. The course delivers a distinct curriculum focused on AI in key research areas such as computer vision, bioinformatics, natural language processing, smart farming, machine learning and deep learning, and explainable AI+X applications, including healthcare, finance, intelligent agents, games, autonomous driving, and national defense.

Career Opportunities

The AI course curriculum and integrated components are designed to equip graduates with the skills necessary to overcome the challenges in computer vision, machine learning, bioinformatics and healthcare, natural language processing (NLP), and smart farming and develop technologies that will benefit humanity. Our graduates are expected to be fully capable of pursuing successful careers as robotics scientists, robot vision developers, machine learning engineers, business intelligence specialists, bioinformatics scientists, brain-machine developers, NLP engineers, NLP data scientists, AgTech data analysts and AI specialists, research scientists, and AI engineers.

Curriculum Components

Computer Vision	Healthcare and Bioinformatics	Natural Language Processing	Smart Farming	Machine Learning	Liberal Arts Education
C++ Programming	Neurocomputing	Database Management System	Introduction to AgroTech	Artificial Intelligence	Probability and Statistics
Python Programming	Healthcare Informatics	Natural Language Processing	Numerical Analysis	Neural Networks	Computer Applications
Computer Vision	Medical Image Analysis	Hospitality Entrepreneurship	Full Stack Engineering	Machine Learning	Calculus
Image and Video Analysis	Biomimetics	Information Retrieval	Smart Farming System	Deep Learning	English Correspondence
Image and Scene Recognition	Bioinformatics	Text Mining and Analysis	Precision Agriculture	Advanced Programming	Understanding Korean Culture
Computer Vision Application	Internship	Computational Linguistics	Robotics in AgroTech	Pattern Recognition	Oral Communication
		Dialogue System			Communication in Korean
					Research Methodology
					IT Convergence with Business Models

“Transform the world with the KDU Global undergraduate program in Artificial Intelligence!”

Apply Now



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