

Undergraduate Program in

Smart Computing

Medium of Instruction: English (100%)

Duration of Study: 4 years

We lead the world with new traditions!

Program Description

The Smart Computing (SC) program at KDU Global is designed to nurture students with in-depth understanding of the emerging technologies driving today's industrial and social advancements. The program offers five concurrent and rapidly evolving specializations including Data Science, AI and Robotics; Cybersecurity and Privacy; Internet of Things; Games and Virtual Reality; and Software Development. By leveraging the comprehensive knowledge and hands-on experience provided by the SC program, our graduates can secure roles in diverse industries such as high-tech, healthcare, education, manufacturing, and entertainment, contributing significantly to innovation and development of communities and nations in the digital era.

Career Opportunities

The students of the SC program at KDU Global are exposed to a wide array of career opportunities as AI Engineers, Robotics Engineers, Data Scientists, IoT Developers, Software Developers, Mobile Application Developers, Cybersecurity Analysts, Information Security Managers, Game Developers, and VR/AR Developers upon successful graduation. Our graduates are also well-prepared for their further academic pursuits, including postgraduate degrees in specialized fields of computing and engineering.

Curriculum Components

Games and Virtual Reality	Data Science, AI and Robotics	Cyber Security and Privacy	Internet of Things	Software Development	Liberal Arts Education
C++ Programming	Introduction to AI and Robotics	Engineering Mathematics	Discrete Mathematics	Computer Architecture and Digital Systems	Statistics
Python Programming	Database Management Systems	Information Security	Data Communication and Telecommunication Systems	Data Structures and Algorithms	Understanding Korean Culture
Computer Vision	System Analysis and Design	Cryptography and Cyber Security	Network Infrastructure and Management	Java Programming	Communication in Korean
Computer Graphics	Data Mining and Analytics	Operating Systems	Cloud Computing	Embedded Systems	English Correspondence
Game Programming	Artificial Intelligence and Deep Learning	Digital Forensics	Linux Operating Systems and Networking	Web Applications Development	Oral Communication
Computer Animation and Modeling	Robotics Systems Design	Blockchain and Cryptocurrency	Internet of Things	Mobile Programming	Research Methodology
Virtual and Augmented Reality	Data Science	Ethical Hacking	Smart Computing Project	Advanced Web Technology	Problem Solving Concepts
	Drones and Autonomous Systems		Seminar on IT Practices		Career Training Workshops

“Empowering intelligence to nurture today’s and tomorrow’s technologies!”

Apply Now



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