

IT

Computer & AI Engineering

ENGLISH EDITION

세종사이버대학교

컴퓨터·AI공학과

내일을 배우다 내일을 바꾸다

SEJONG CYBER UNIVERSITY



세종사이버대학교

Computer & AI Engineering

컴퓨터·AI공학과

AI시대를 선도하는 글로벌 수준 융합형 컴퓨터·AI 전문가 양성

Department Introduction

The Department of Computer & AI Engineering trains IT experts who respond to technological change in the 4th Industrial Revolution era, through five expert tracks: Computer, Cloud, Big Data/Data Science, Artificial Intelligence, and Drone/IoT (Autonomous Things).

Department Description

Since 2020, the department has been the first official AWS Educate and AWS Academy member among cyber universities, providing free cloud practice credits and a 50% discount on AWS certification exam fees. The curriculum combines software, hardware, and the latest convergence technologies, backed by a professional network with experts in Silicon Valley (Uber, Google, Facebook, Airbnb) and faculty from global companies such as AWS, IBM, Siemens, and Adobe.

FACULTY

IT

IT학부

OFFICIAL COURSES

24 courses

NEXT INTAKE

March 2027

DEGREE

Bachelor of Engineering

Bachelor of Engineering · 공학사

STUDY FORMAT

100% online (taught in Korean)

What makes Sejong Cyber University's Computer & AI Engineering different?

01 **The first official AWS Academy member among cyber universities (October 2020)**

providing an official cloud certification track through a dedicated curriculum.

02 **Five integrated expert tracks**

Computer, Cloud, Big Data/Data Science, Artificial Intelligence, and Drone/IoT.

03 **Cloud-based virtual big data and AI labs**

accessible anytime via PC or smart device.

04 **A faculty network from global technology companies (AWS**

IBM, Siemens, Adobe) and Korean professionals in Silicon Valley.

05 **Study groups and certification-prep communities based on industry needs (AWS**

ADsP, and more).

Curriculum

Official courses (Korean name · English rendering)

컴퓨터과학이여는세계	The World Opened by Computer Science
컴퓨터개론	Introduction to Computers
컴퓨팅사고	Computational Thinking
파이썬기초	Python Fundamentals
IT기초수학	Basic Mathematics for IT
드론기초및활용	Basics and Use of Drones
인공지능API이해와활용	Understanding and Using AI APIs
빅데이터의이해와활용	Understanding and Using Big Data
파이썬으로배우는자료구조	Data Structures with Python
컴퓨터네트워크기초	Fundamentals of Computer Networks
유닉스및리눅스시스템	Unix and Linux Systems
운영체제	Operating Systems

드론프로그래밍기초	Fundamentals of Drone Programming
클라우드컴퓨팅기초	Fundamentals of Cloud Computing
클라우드서비스의활용	Using Cloud Services
인공지능과미래사회	Artificial Intelligence and Future Society
데이터과학의세계	The World of Data Science
데이터시각화	Data Visualization
인공지능의이해	Understanding Artificial Intelligence
딥러닝기초	Fundamentals of Deep Learning
사물인터넷기초	Fundamentals of the Internet of Things
실리콘밸리에서배우는인공지능	Artificial Intelligence Taught from Silicon Valley
클라우드기반AI응용및활용	Cloud-Based AI Applications and Use
AI활용텍스트분석	Text Analysis with AI

Certification Guide

Certifications supported by the department

전자계산기조직응용기사

정보처리기사

국가공인 데이터분석 전문가(ADP)

국가공인 데이터분석 준전문가(ADsP)

리눅스마스터 1급

AWS 공인 클라우드 종사자

AWS 공인 솔루션 아키텍트-어소시에이트

DEGREE UPON GRADUATION

Bachelor of Engineering

Bachelor of Engineering · 공학사

How to apply from Indonesia

- 01 Free consultation with Annyeong Academy on WhatsApp to check the fit of the major.
- 02 Prepare the 5 apostilled documents — no TOPIK required to apply.
- 03 Apply for the March 2027 intake; Annyeong Academy guides you through to admission.

Annyeong Academy

Official admission partner for Indonesia · Sejong Cyber University, Seoul

Free consultation via WhatsApp +62 823-1956-9256 · hello@annyeongbless.com · annyeongbless.com/sjcu

English translation of Sejong Cyber University's official 2026 e-brochure, re-set by Annyeong Academy in a design that follows the original. Not an official university document; course, certification, and institution names are kept in Korean.