

Artificial Intelligence (AI)

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ENGLISH EDITION

SEJONG CYBER UNIVERSITY

세종사이버대학교

인공지능학부
AI학과



세종사이버대학교

Artificial Intelligence (AI)

AI학과

AI 기초부터 심화까지, 미래를 주도하는 창의적 AI 전문가 양성

Department Introduction

The Department of AI develops students from the basics to hands-on practice through step-by-step learning toward becoming an AI expert. A range of practical exercises and certifications strengthen real-world work skills, covering AI literacy, generative AI, AI service planning, AI data, and deep learning.

Department Description

Five expert tracks are available: AI Literacy (prompt engineering, chatbots, no-code tools), Generative AI (AI model integration, software development based on generative AI), AI Service Planning, AI Data (cloud computing and data engineering on AWS/Azure), and Deep Learning (reinforcement learning, CNN, RNN, Transformer). Each expert track has four required courses and four electives, and is linked to both the department's completion certificate and international digital badges such as AWS.

FACULTY

Artificial Intelligence (AI)

인공지능(AI)학부

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 Artificial Intelligence (AI) different?

01 **Step-by-step curriculum from basics (e.g. AI for Everyone) to advanced topics (e.g. reinforcement learning): suited to non-technical students, with experiential learning.**

02 **Support for national and international certifications**

ADsP, SQLD, AWS AI Practitioner, AWS Cloud Practitioner, IBM Digital Badge, through dedicated companion courses.

03 **Faculty with industry experience in big data**

AI, and cloud: featuring guest lectures and workshops on the latest AI trends, plus partnerships with AWS, Microsoft, and Google.

04 **Free cloud and AI practice environment**

AWS Academy-based virtual labs plus cloud-based AI practice labs.

05 **Active learning community**

certification study groups, AI competition teams, and themed labs (AI Literacy, AI Creative, AI Education Instructor, AI Writer).

06 **Full flexibility of online learning**

with a real-time AI tutor service and live Q&A sessions.

Curriculum

Official courses (Korean name · English rendering)

대화형AI와챗봇기초	Fundamentals of Conversational AI and Chatbots	데이터과학의세계	The World of Data Science
모두를위한AI	AI for Everyone	데이터베이스와SQL	Databases and SQL
문제해결과알고리즘	Problem Solving and Algorithms	생성형AI(LLM)이해와활용	Understanding and Using Generative AI (LLM)
컴퓨팅사고	Computational Thinking	데이터시각화	Data Visualization
AI첫걸음	First Steps in AI	인공지능(AI)의이해	Understanding Artificial Intelligence (AI)
AI와빅데이터가바꾸는세상	The World Changed by AI and Big Data	AI딥러닝기초	Fundamentals of AI Deep Learning
AI프로그래밍기초	Fundamentals of AI Programming	파이썬으로배우는머신러닝 (ML)	Machine Learning with Python (ML)
나만의AI챗봇디자인	Designing My Own AI Chatbot	AI서비스기획실무	AI Service Planning Practice
인공지능과사이버보안	Artificial Intelligence and Cybersecurity	AI활용소프트웨어개발	AI-Assisted Software Development
빅데이터의이해와활용	Understanding and Using Big Data	강화학습	Reinforcement Learning
파이썬프로그래밍	Python Programming	클라우드기반AI이해와활용	Understanding and Using Cloud-Based AI
프롬프트엔지니어링	Prompt Engineering	AI텍스트분석	AI Text Analysis

Certification Guide

Certifications supported by the department

데이터분석준전문가(ADsP)

SQL개발자(SQLD)

AWS 공인 클라우드 종사자

AWS 공인 AI 종사자

IBM 데이터사이언스 디지털배지

AWS 아카데미 디지털배지

AWS 에듀के이트 디지털배지

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.