

IT

Information Security

ENGLISH EDITION

SEJONG CYBER UNIVERSITY

세종사이버대학교

IT학부
정보보호학과



세종사이버대학교

Information Security

정보보호학과

Department Introduction

The Department of Information Security trains information-security experts for a safe, smart-IT society. Its three new key focus areas are cryptocurrency-blockchain security, artificial-intelligence security, and national information-security certification — delivered through three specialist tracks: hacking security, cyber investigation/forensics, and industrial security.

Department Description

Its expertise and lecture content are nationally recognized, including selection for the Ministry of Education's K-MOOC (Korea Massive Open Online Course) program. The department also runs expert guest lectures, graduate-school and certification prep classes, opportunities to join national projects, and the Information Security Research Institute.

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 Information Security different?

01 **Linked with the Graduate School of Information Security (established 2012) — the only one among Korean cyber universities.**

02 **Faculty hold roles at national institutions**

the National Intelligence Service (cryptographic-module verification), the Supreme Prosecutors' Office (digital investigation), the Korean National Police Agency, and Seoul Metropolitan Government; including the President of the Korea Institute of Information Security & Cryptology.

03 **Industry-academia partnerships with SK Shieldus**

Raon WhiteHat, and the Korea Cryptography Forum.

04 **Prep classes for hacking competitions and security contests**

a national-certification club, a pre-university program, and a graduate-school admission class.

05 **Three SJCUC-exclusive private certifications (hacking**

forensic, industrial) can be obtained upon graduation.

06 **Real-time live lectures via the metaverse campus and Zoom**

plus the annual student-alumni gathering "Information Security People's Night."

Curriculum

Official courses (Korean name · English rendering)

정보보호이해	Understanding Information Security
보안첫걸음	First Steps in Security
보안과해킹	Security and Hacking
해킹보안실습	Hacking Security Practice
AI침입탐지시스템	AI Intrusion Detection Systems
인공지능보안관제실무	AI Security Monitoring Practice
인공지능과사이버보안	AI and Cybersecurity
빅데이터/클라우드보안	Big Data/Cloud Security
기초암호알고리즘	Basic Cryptographic Algorithms
암호의이해	Understanding Cryptography
네트워크보안	Network Security
시스템보안	System Security

운영체제	Operating Systems
사이버수사	Cyber Investigation
디지털포렌식	Digital Forensics
정보보호법및사이버법률	Information Security Law and Cyber Law
침해사고대응실무	Incident Response Practice
정보보호실무및운영전략	Information Security Practice and Operational Strategy
개인정보보호	Personal Data Protection
정보보호및개인정보보호관리체계(ISMS-P)	Information Security & Personal Data Protection Management System (ISMS-P)
블록체인과산업보안	Blockchain and Industrial Security
암호화폐와비트코인	Cryptocurrency and Bitcoin
디지털시대신뢰확보블록체인	Blockchain for Trust in the Digital Age
사이버보안의미래	The Future of Cybersecurity

Certification Guide

Certifications supported by the department

정보보안기사 (국가자격증)

정보보안산업기사 (국가자격증)

해킹보안전문가 자격증 (SJCUC 민간자격증)

포렌식보안전문가 자격증 (SJCUC 민간자격증)

산업보안전문가 자격증 (SJCUC 민간자격증)

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.