

Engineering

Drone & Robotics

ENGLISH EDITION

세종사이버대학교

드론학과

내일을 배우다 내일을 바꾸다

SEJONG CYBER UNIVERSITY



세종사이버대학교

Drone & Robotics

드론로봇융합학과

변화하는 시대를 앞서가는 힘, 드론과 로봇.

Department Introduction

The Department of Drone (드론학과) is the first drone department established among cyber universities in Korea. The program trains drone experts through a specialist curriculum in piloting, aerial photography, surveying, mapping, and drone maintenance.

Department Description

The curriculum is designed across departments, linked with Fire & Disaster Prevention, Industrial Safety Engineering, Electrical & Electronic Engineering, and even the YouTuber department, so graduates become well-rounded drone experts. Three specialist tracks are available: National Defense Drone, Drone Maintenance, and Specialized Drone (surveying/mapping, agricultural aerial spraying, facility inspection), complete with support for national and private drone-related certifications.

FACULTY

Engineering

공학부

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 Drone & Robotics different?

01

The first drone department established among Korea's cyber universities

with a complete curriculum covering piloting, aerial photography, surveying/mapping, and drone maintenance.

02

Three specialist tracks

National Defense Drone, Drone Maintenance, and Specialized Drone (surveying-mapping, agricultural aerial spraying, facility inspection).

03

Cross-department classes with Fire & Disaster Prevention

Industrial Safety Engineering, Electrical & Electronic Engineering, and the YouTuber department.

04

Diverse learning methods

virtual laboratories, omnibus lectures, and hands-on field practice.

Curriculum

Official courses (Korean name · English rendering)

드론기초및활용	Drone Basics and Application
무인항공기운용개론	Introduction to Unmanned Aircraft Operations
드론보안	Drone Security
항공법규	Aviation Laws and Regulations
항공역학과기상	Aerodynamics and Weather
드론1종조종실습	Drone Type-1 Piloting Practice
드론2종조종실습	Drone Type-2 Piloting Practice
드론3종조종실습	Drone Type-3 Piloting Practice
영상편집	Video Editing
드론정비개론	Introduction to Drone Maintenance
드론정비실무	Drone Maintenance Practice
드론프로그래밍기초	Basics of Drone Programming

드론프로그래밍심화	Advanced Drone Programming
사진측량및원격탐사	Photogrammetry and Remote Sensing
무인항공기안전관리론	Unmanned Aircraft Safety Management Theory
도심항공교통(UAM)	Urban Air Mobility (UAM)
드론안전성인증및시험평가기초	Basics of Drone Safety Certification and Testing/Evaluation
특화드론운용(항공촬영, 측량및매핑)	Specialized Drone Operation (Aerial Photography, Surveying & Mapping)
특화드론운용(시설점검, 항공방제)	Specialized Drone Operation (Facility Inspection, Aerial Spraying)
소방드론기초및활용	Fire-fighting Drone Basics and Application
국방드론과군사혁신	National Defense Drones and Military Innovation
드론과인공지능	Drones and Artificial Intelligence
드론메카트로닉스	Drone Mechatronics
지리정보시스템(GIS)및위성측위시스템(GNSS)	Geographic Information Systems (GIS) and Global Navigation Satellite Systems (GNSS)

Certification Guide

Certifications supported by the department

초경량비행장치 무인멀티콥터

항공사진기능사

측량및지형공간정보산업기사

항공산업기사

드론 정비사

드론 촬영 전문가

드론 교육 지도사

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.