COURSE DETAIL

INTRODUCTION TO PROGRAMMING AND ARTIFICIAL INTELLIGENCE FOR NATURAL SCIENTISTS

Country
Korea, South

Host Institution
Seoul National University

Program(s)
Seoul National University

UCEAP Course Level
Lower Division

UCEAP Subject Area(s)
Computer Science

UCEAP Course Number
56

UCEAP Course Suffix

UCEAP Official Title
INTRODUCTION TO PROGRAMMING AND ARTIFICIAL INTELLIGENCE FOR NATURAL SCIENTISTS

UCEAP Transcript Title
INT PROGRM NAT SCI

UCEAP Quarter Units
6.00

UCEAP Semester Units
4.00

Course Description

This course empowers undergraduate students in the College of Natural Sciences with essential knowledge in programming and artificial intelligence. Regardless of their specific majors, students gain foundational insights into computer science, computational science, statistics, and deep neural networks. This course equips students with practical skills that can be directly applied to scientific challenges. Through a combination of theory and practical exercises, this course offers students the opportunity to tackle real-world problems and work with data using artificial intelligence techniques. Students who possess basic computing and programming skills gain an understanding of how artificial intelligence and programming are applied in various subfields of natural sciences, fostering their ability to utilize these skills in future research endeavors.

Language(s) of Instruction
English

Host Institution Course Number
M2173.004800

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Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed

2024-2025

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