

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

Host Institution Course Title

INTRODUCTION TO PROGRAMMING AND ARTIFICIAL INTELLIGENCE FOR NATURAL SCIENTISTS

Host Institution Campus**Host Institution Faculty****Host Institution Degree****Host Institution Department**[Print](#)