

COURSE DETAIL

DATA STRUCTURE AND ALGORITHM

Country

Korea, South

Host Institution

Korea University

Program(s)

Korea University

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

79

UCEAP Course Suffix**UCEAP Official Title**

DATA STRUCTURE AND ALGORITHM

UCEAP Transcript Title

DATA STRCTR&ALGORTM

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course introduces mathematical tools to evaluate software products and algorithms, examining principal knowledge of data structures in order to represent real world problems with computational algorithms (with abstract data types).

Topics include linear lists, queues, trees, arrays, and hash tables. The course also investigates the principles of software engineering and addresses how to best utilize the acquired principles in designing and realizing software problems through hands-on experience.

Language(s) of Instruction

English

Host Institution Course Number

KECE208

Host Institution Course Title

DATA STRUCTURE AND ALGORITHM(English)

Host Institution Course Details

<https://infodepot.korea.ac.kr/lecture1/lecsubjectPlanView.jsp?year=2024&term=2R...>

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed

2024-2025

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