

COURSE DETAIL

DISCRETE MATHEMATICS

Country

Korea, South

Host Institution

Seoul National University

Program(s)

Seoul National University

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Mathematics

UCEAP Course Number

10

UCEAP Course Suffix**UCEAP Official Title**

DISCRETE MATHEMATICS

UCEAP Transcript Title

DISCRETE MATHEMATICS

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This introductory course covers mathematical topics closely related to computer science. Topics include: logic, sets, functions, relations, countability, combinatorics, proof techniques, mathematical induction, recursion, recurrence relations, graph theory, and number theory. The course emphasizes the context and applications of these concepts within computer science. Prerequisites: No prior programming experience is assumed.

Language(s) of Instruction

English

Host Institution Course Number

4190.101

Host Institution Course Title

DISCRETE MATHEMATICS

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

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