

COURSE DETAIL

DISCRETE MATHEMATICS

Country

Brazil

Host Institution

Pontifical Catholic University of Rio de Janeiro

Program(s)

Pontifical Catholic University of Rio de Janeiro

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mathematics

UCEAP Course Number

130

UCEAP Course Suffix

E

UCEAP Official Title

DISCRETE MATHEMATICS

UCEAP Transcript Title

DISCRETE MATH

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course offers a study of discrete mathematics. Topics include: set theory, logic, functions, and relations; integers and the principle of induction; combinatory, basic counting rules; principle of inclusion and exclusion; discrete probability; graphs-- trees, flows in networks, pairings, Eulerian Hamiltonian, planar, and colored graphs.

Language(s) of Instruction

English

Host Institution Course Number

MAT 1310

Host Institution Course Title

MATEMATICA DISCRETA

Host Institution Course Details**Host Institution Campus**

PUC-Rio

Host Institution Faculty**Host Institution Degree****Host Institution Department**

Departamento de Matemática

Course Last Reviewed

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