

COURSE DETAIL

INVITATION TO COMBINATORICS

Country

Denmark

Host Institution

University of Copenhagen

Program(s)

University of Copenhagen

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mathematics

UCEAP Course Number

146

UCEAP Course Suffix**UCEAP Official Title**

INVITATION TO COMBINATORICS

UCEAP Transcript Title

COMBINATORICS

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course provides a panorama on the relationship and interplays between discrete mathematics, often called combinatorics, and other areas such as representation theory and algebraic geometry. A particular focus is on learning algebraic, geometric, and probabilistic methods in combinatorics. Specific topics are selected based on current research. Topics discussed include probabilistic methods and extremal combinatorics, algebraic methods and formal power series, and geometric combinatorics and discrete geometry.

Language(s) of Instruction

English

Host Institution Course Number

NMAK21013U

Host Institution Course Title

INVITATION TO COMBINATORICS

Host Institution Campus

Host Institution Faculty

Faculty of Science

Host Institution Degree

Master

Host Institution Department

Department of Mathematical Sciences

[Print](#)