## **COURSE DETAIL**

## TOPOLOGY 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** 178 **UCEAP Course Suffix UCEAP Official Title** TOPOLOGY **UCEAP Transcript Title** TOPOLOGY **UCEAP Quarter Units** 6.00 **UCEAP Semester Units** 4.00

## **Course Description**

This course studies topological spaces and continuous maps. Main topics include: topological spaces; subspace, order, product, metric and quotient topologies; continuous functions; connectedness and compactness; countability and separation axioms. Secondary topics include: retractions and fixed points; Tychonoff Theorem; compactifications; and vistas of algebraic topology.

## Language(s) of Instruction

English

Host Institution Course Number NMAA05010U

Host Institution Course Title TOPOLOGY

Host Institution Campus Science

**Host Institution Faculty** 

**Host Institution Degree** 

Bachelor

**Host Institution Department** Mathematical Sciences

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