

Syllabus and exam description:
Topics in Mathematical Economics 2

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Fall 2017 and Spring 2018

The course is an independent study on **Topics in mathematical economics**.

Students should contact the instructor to organize their work for the exam.

Course work: read (part of) a book on an important topic in mathematical economics under the supervision of the instructor of the course; the student may be required to write a simple essay paper on the topic.

Examples of topics: differential equations; difference equations; advanced linear algebra; functional analysis; measure theory; probability theory; convex analysis; set-valued functions; calculus in Banach spaces.

Prerequisites

Mathematics for Economics.