

Introduction to optimization and operations research – 2024-2025

Week	13:15–14:00	14:15–15:00	15:15–16:00	16:15–17:00
Sep 13	Introduction	Introduction	Modeling	Modeling
Sep 20	Linear constraints	Linear constraints	Linear constraints	Linear constraints
Sep 27	Simplex	Simplex	Linear constraints	Linear constraints
Oct 4	Simplex	Duality	Simplex	Simplex
Oct 11	Duality	Networks	Simplex	Duality
Oct 18	Transshipment	Transshipment	Duality	Networks
Oct 25	Mid-term break			
Nov 1	Mock exam			
Nov 8	Shortest paths	Shortest paths	Networks	Transshipment
Nov 15	Shortest paths	Transshipment	Transshipment	Transshipment
Nov 22	Discrete optimization	Discrete optimization	Shortest path	Shortest path
Nov 29	Discrete optimization	Nonlinear optimization	Shortest path	Shortest path
Dec 6	Nonlinear optimization	Nonlinear optimization	Discrete optimization	Discrete optimization
Dec 13	Discrete optimization	Discrete optimization	Nonlinear optimization	Nonlinear optimization
Dec 20	All chapters	All chapters	Nonlinear optimization	Nonlinear optimization

Legend:

Lecture
 Interactive
 Exercise