Overview

Optimization is the mathematical problem of finding a decision to achieve the best possible outcome while satisfying certain restrictions. Linear programs, conic linear programs and discrete optimization problems arise in a myriad of applications: electricity markets, airlines, logistics, public transport, international shipping, mining, finance, engineering, and data science. This course will provide an introduction to the basic mathematical theory, modelling techniques, computational methods and selected applications of linear, conic and discrete optimization.
Faculty
Faculty of Science

School
School of Mathematics & Statistics

Study Level
Postgraduate

Offering Terms
Term 3

Campus
Kensington

Delivery Mode
Fully on-site

Indicative contact hours
5

Timetable
Visit timetable website for details
# Fees

- **Commonwealth Supported Students**: $1170
- **Domestic Students**: $3900
- **International Students**: $5400

**DISCLAIMER**

Please note that the University reserves the right to vary student fees in line with relevant legislation. This fee information is provided as a guide and more specific information about fees, including fee policy, can be found on the fee website.

For advice about fees for courses with a fee displayed as "Not Applicable", including some Work Experience and UNSW Canberra at ADFA courses, please contact the relevant Faculty.

Where a Commonwealth Supported Students fee is displayed, it does not guarantee such places are available.
Pre-2019 Handbook Editions

Access past handbook editions (2018 and prior)

Pre-2019 Handbook Editions
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Authorised by Deputy Vice-Chancellor (Academic)
CRICOS Provider Code 00098G
ABN: 57 195 873 179