

Minor in Data Science

The Department of Computing and Decision Sciences will be responsible for administering the Minor programme and teaching most of the courses, as well as contributing to programme promotion. Some other departments will contribute to teaching some elective courses for the programme. Students whose Major is in any programmes other than LEO Dr David P. Chan BSc. (Hons) in Data Science Programme may qualify for this Minor.

Students are required to complete 15 credits in total.

Required Courses (6 credits)

- CDS1001 Introduction to Programming for Data Science
- CDS2002 Introduction to Artificial Intelligence

Elective Courses (9 credits)

Advanced-level Electives: At least two from any of the following courses

- CDS2003 Data Structures and Object-Oriented Programming
- CDS2004 Quantitative Decision Making
- CDS3001 Databases and Data Warehouses
- CDS3002 Operations Simulation with Decision Analysis (titled as Simulation in Term 1, 2022-23 or before)
- CDS3004 Data Mining
- CDS4005 Big Data Analytics

Application-oriented Electives: At most one from any of the following courses

- CDS3005 Data Science Project Management
- CDS4002 Data Management
- CDS4003 Project
- CDS4004 Web Technologies and Social Networks
- CDS4010 Web Programming for e-Business (from 2022-23)
- ECO4203 Applied Econometrics
- MKT3006 Marketing Analytics
- SCI3001 Location Intelligence