Minor in Data Science

The Division of Artificial Intelligence under the School of Data Science 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