

Bachelor of Information Technology

Major in Data Science

ENTRY REQUIREMENTS

Recommended Studies	HSC Mathematics Extension 1 or HSC Mathematics Extension 2 plus HSC Information Processes and Technology and/or HSC Software Design and Development, or equivalent.
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Study Zone	Credit Points
CORE ZONE - Includes essential units, capstone, electives, and major	160 Credit Points
FLEXIBLE ZONE – Flexible units chosen by the student	80 Credit Points

Total 240 credit points

Essential units - 50 credit points

Complete each unit below (10 credit points each)

COMP1000 Introduction to Computer Programming

COMP1300 Introduction to Cyber Security

COMP1350 Introduction to Database Design and Management

COMP2270 Networking and Cloud Computing

COMP2700 Project Management and Professional Practice

Capstone unit - 10 credit points

Complete the capstone unit below.

COMP3850 PACE: Computing Industry Project

Elective units - 10 credit points

Complete 10 credit points from the following options.

COMP1010 Fundamentals of Computer Science

COMP1151 Introduction to Game Development

COMP1750 Introduction to Business Information Systems

STAT1170 Introductory Statistics

Elective units - 10 credit points

Complete 10 credit points from the following options.

COMP3410 Knowledge, Planning and Decision Making under Uncertainty

COMP3250 Computer Networks

COMP3760 Enterprise Systems Integration

COMP3780 Technology Management

Major in Data Science - 80 credit points

Complete each unit below.

COMP1010 Fundamentals of Computer Science

COMP2200 Data Science

COMP2350 Database Systems

STAT3102 Graphics, Multivariate Methods and Data Mining

COMP3210 Big Data

COMP3420 Artificial Intelligence for Text and Vision

Elective units - 10 credit points

Complete 10 credit points from the following units.

STAT1371 Statistical Data Analysis

STAT1170 Introductory Statistics

Elective units - 10 credit points

Complete 10 credit points from the following units.

STAT2371 Statistics

STAT2170 Statistical Data Analytics

FLEXIBLE ZONE

80 CREDIT POINTS

You can use your flexible zone to enrol in any Undergraduate unit for which you meet the requisites. You may also use your flexible zone to complete a second major, or a minor(s).

CORE ZONE

CORE ZONE

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