

# 2019 MAJOR – Decision Science

(Qualifying Major for Bachelor of Commerce with the degree of Bachelor of Arts - Psychology)

Today's organisations have access to many detailed sources of data, and complex decision-making strategies are required in order to operate effectively. Decision science provides a theoretical framework and practical methods for translating data into efficiency improvements. Students will learn how to manage resource allocation, supply chains, large projects, queues and inventory systems, how to study and predict markets, how to extract knowledge from large data sets using graphical and computational methods, and how to identify and work around uncertainty.

Students wishing to progress with psychology training can transfer from this degree to the Bachelor of Commerce with the degree of Bachelor of Psychology (Honours) upon meeting entry requirements.



**The table below is a suggested first session for students beginning in Session 2, 2019.** Please make your selection of units after reviewing the requirements of your award in the 2019 Handbook:

[www.handbook.mq.edu.au/2019/DegreesDiplomas/Degree/Bachelor+of+Commerce+with+the+degree+of+Bachelor+of+Arts+-+Psychology](http://www.handbook.mq.edu.au/2019/DegreesDiplomas/Degree/Bachelor+of+Commerce+with+the+degree+of+Bachelor+of+Arts+-+Psychology)

Suggested First Session	
Session 2, 2019	
Unit Code	Unit Name
ECON111	Microeconomic Principles
MKTG101	Marketing Fundamentals
PSYC105	Introduction to Psychology II
STAT150	Business Statistics

- You must also meet the general requirements for the degree for which you will qualify.
- It may be possible to satisfy the requirements of your degree by taking a different selection of units in your first session from those suggested above.
- Consider what units you will want to study in second and third year. Prerequisite requirements for those units must be completed prior to enrolment in the higher-level unit.
- You can study additional PACE units as electives in second and/or third year. Go to [www.pace.mq.edu.au](http://www.pace.mq.edu.au) to find out more about internships and other local and international opportunities.
- You can receive specific program advice from the faculty at any stage in your degree by lodging a “Program Advice” enquiry via <http://ask.mq.edu.au>.