

# 2019 MAJOR – Decision Science

(Qualifying Major for Bachelor of Science with the degree of Bachelor of Laws)

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.



**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+Science+with+the+degree+of+Bachelor+of+Laws](http://www.handbook.mq.edu.au/2019/DegreesDiplomas/Degree/Bachelor+of+Science+with+the+degree+of+Bachelor+of+Laws)

## Suggested First Session

### Session 2, 2019

Unit Code	Unit Name
LAW115	Foundations of Law
STAT170	Introductory Statistics
STAT175	Gambling, Sport and Medicine
ACSC100 or PHL134	Academic Communicatio in Science Formal Logic

- 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.
- Decision Science involves some mathematical modelling and computing. Depending on their background, students might consider adding a mathematics or computing unit, such as MATH130, MATH135 or COMP115, to their programs.
- Please note that you should enrol in LAW109, LAWS104 and LAWS108 in 2020.
- 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 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>.

FIND OUT MORE  
CONTACT: STUDENT CONNECT  
LEVEL 2, MUSE C7A PHONE: 9850 6410  
Macquarie University NSW 2109 Australia  
[Handbook.mq.edu.au](http://Handbook.mq.edu.au)

Disclaimer: This publication is correct at the time of creation, November 2018. Macquarie University reserves the right to change program details at any time and change its fees without notice.  
CRICOS Provider 00002J