



2018 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 year program guide to support your enrolment. Please make your selection of units after reviewing the requirements of your award in the 2018 Handbook:

www.handbook.mq.edu.au/2018/DegreesDiplomas/Degree/Bachelor+of+Science+with+the+degree+of+Bachelor+of+Laws

Suggested First Year			
Session 1, 2018		Session 2, 2018	
Unit Code	Unit Name	Unit Code	Unit Name
LAW115	Foundations of Law	LAW109	Criminal Justice
STAT170 or STAT171	Introductory Statistics Statistical Data Analysis	LAWS108	Law, Lawyers and Society
STAT175 or Elective	Gambling, Sport and Medicine COMP or MATH unit at 100 level	LAWS104	Contracts
Elective	Choose a People or Planet unit	Elective	Choose a People or Planet unit

- 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 year 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.
- 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.
- All students must complete one People unit and one Planet unit. Criteria and available units can be viewed at www.handbook.mq.edu.au/2018/Units/Planet and www.handbook.mq.edu.au/2018/Units/People.
- 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
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Disclaimer: This publication is correct at the time of creation, August 2017. Macquarie University reserves the right to change program details at any time and change its fees without notice.
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