

2019 MAJOR – Decision Science

(Qualifying Major for Bachelor of Arts)

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+Arts

Suggested First Session

Session 2, 2019

| Unit Code | Unit Name |
|-----------|---|
| STAT170 | Introductory Statistics |
| ICOM101 | Intercultural Relations |
| PHL134 | Formal Logic |
| SPED102 | Why People Believe Weird Things: Making Rational Decisions in an Irrational World |

- 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.
- 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.
- For a double major complete required units for both majors where possible in the first year. If considering a double major consult the criteria found at www.handbook.mq.edu.au/2019/Majors.
- 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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