

2019 MAJOR – Data Science

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

This major is for students who wish to pursue a career in Data Science. The growing use of computers and the Internet generates a deluge of data that conventional techniques are not capable of handling. Data science, which studies computational and statistical techniques to analyse "big data", is one of the key skills of the 21st century. The program emphasises extensive practical experience where significant problems are analysed, solutions designed, and software developed, both individually and in groups. Core units introduce database concepts and technologies, programming and problem solving skills, and statistics.



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+with+the+degree+of+Bachelor+of+Laws

Suggested First Session

Session 2, 2019

| Unit Code | Unit Name |
|-----------|--|
| STAT170 | Introductory Statistics |
| LAW115 | Foundations of Law |
| ISYS114 | Introduction to Database Design and Management |
| COMP115 | Introduction to Computer Programming |

- 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.
- 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 must complete a Professional and Community Engagement (PACE) unit with a LAWS prefix as part of your degree. Plan ahead by viewing eligible units with a LAWS prefix at www.handbook.mq.edu.au/2019/Units/PACE.
- 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

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.
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