

2019 MAJOR – Chemical and Biomolecular Sciences

(Qualifying Major for Bachelor of Science)

Chemical and Biomolecular Sciences encompasses the study of analysing, transforming and manipulating substances and the molecular interpretation of the world around us. The Chemical and Biomolecular Sciences major is based on understanding molecules and how they are formed and interact and how molecules influence the structure and function of biological systems. The major emphasises chemistry at the interface of biology, enabling students to gain theoretical knowledge and practical experience in a range of subject areas. These include analytical chemistry, physical chemistry, organic chemistry, biochemistry, microbiology, molecular biology and genomics. The major is ideal for students with broad interests in the chemical, biochemical and medical sciences.

A major in Chemical and Biomolecular Sciences offers a path into many chemistry and bio-industries including those engaged in chemical analysis, medical research, pharmaceuticals, diagnostics and biotechnology and provides an excellent foundation for postgraduate studies.



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

Suggested First Session

Session 2, 2019

Unit Code	Unit Name
CBMS107 or CBMS108	Foundations of Chemical and Biomolecular Sciences 1 Foundations of Chemical and Biomolecular Sciences 2
MATH130 or MATH135	Mathematics 1E Mathematics 1A
Elective	BIOL, STAT, MATH, GEOS, PHYS or ENVS unit at 100 level
Elective	Choose an elective 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 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 must select a Professional and Community Engagement (PACE) unit as part of the elective component of your degree. It is important to plan ahead for this requirement and allocate elective space for your chosen PACE unit. A list of eligible units is available at www.handbook.mq.edu.au/2019/Units/PACE.

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

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- 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>.



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