

2022 Handbook - Faculty of Science honours prerequisites

Clayton

Honours area of study	Honours coordinator	Start date	Study mode	Prerequisite study
Anatomy and developmental biology	Dr Olga Panagiotopoulou	Semester 1 or 2	Full-time	24 points of relevant level 3 units, of which normally 18 points are developmental biology or biochemistry, human pathology, immunology, microbiology, pharmacology and physiology units.
Astrophysics	Dr Paul Lasky Dr Bernhard Mueller	Semester 1 or 2	Full-time and part-time	24 points of relevant level 3 astrophysics or physics units. Subject to the approval of the honours coordinator, students may also include 6 points of relevant level 3 mathematics units.
Atmospheric science	Dr Andrew Frierdich	Semester 1 or 2	Full-time and part-time	24 points of level 3 atmospheric science units.
Biochemistry	Associate Professor Michelle Dunstone	Semester 1 or 2	Full-time and part-time	24 points of relevant level 3 units, of which normally 18 points are biochemistry or developmental biology, human pathology, immunology, microbiology, pharmacology and physiology units.
Chemistry	Associate Professor Mike Grace	Semester 1 or 2	Full-time and part-time	24 points of level 3 chemistry. Subject to the approval of the honours coordinator, students may also include 6 points of relevant level 3 units.
Computational science	Dr Reuben Kirkham	Semester 1 or 2	Full-time and part-time	24 points of level 3 computer science units
Earth science	Dr Andrew Frierdich	Semester 1 or 2	Full-time and part-time	24 points of level 3 earth, atmosphere and environment units or by permission of honours coordinator.
Ecology and conservation biology	Dr Matthew Piper	Semester 1 or 2	Full-time and part-time	24 points of level 3 ecology and conservation biology units or by permission of honours coordinator or Head of School.
Genetics	Dr Matthew Piper	Semester 1 or 2	Full-time and part-time	24 points of level 3 genetics units, or equivalent units by permission of the honours chief examiner.
Geographical science	Dr Andrew Frierdich	Semester 1 or 2	Full-time and part-time	24 points of level 3 earth, atmosphere and environment units or by permission of honours coordinator.
Human pathology	Professor Christoph Hagemeyer Dr Vilija Jokubaitis	Semester 1	Full-time	24 points of relevant level 3 units, of which normally 18 points are immunology or biochemistry, developmental biology, human pathology, microbiology, pharmacology and physiology units.
Immunology	Associate Professor Margaret Hibbs	Semester 1	Full-time	24 points of relevant level 3 units, of which normally 18 points are immunology or biochemistry, developmental biology, human pathology, microbiology, pharmacology and physiology units.
Mathematics and statistics	Dr Julie Clutterbuck	Semester 1 or 2	Full-time and part-time	24 points of relevant level 3 mathematics units, of which normally at least 18 points are relevant to the honours project. Some projects may require specific level 2 or 3 prerequisites, see mathematics and statistics Honours lecture topic guide for more information.
Microbiology	Associate Professor John Boyce	Semester 1 or 2	Full-time	24 points of relevant level 3 units, of which normally 18 points are microbiology or biochemistry, developmental biology, human pathology, immunology, pharmacology and physiology units.
Pharmacology	Associate Professor Jane Bourke Dr Mark Del Borgo	Semester 1	Full-time	24 points of relevant level 3 units, of which normally 18 points are pharmacology or biochemistry, developmental biology, human pathology, immunology, microbiology and physiology units.
Physics	Dr Paul Lasky Dr Bernhard Mueller	Semester 1 or 2	Full-time and part-time	24 points of relevant level 3 physics units. Subject to the approval of the honours coordinator, students may also include 6 points of relevant level 3 mathematics or astrophysics units.
Physiology	Associate Professor Siew Chai	Semester 1 or 2	Full-time	24 points of relevant level 3 units in physiology, microbiology, biochemistry, anatomy and developmental biology, human pathology, immunology or pharmacology.
Plant sciences	Dr Matthew Piper	Semester 1 or 2	Full-time and part-time	24 points of level 3 plant sciences units or by permission of honours coordinator or Head of school.
Psychology	Associate Professor Sean Cain	Semester 1	Full-time	Students completing a relevant course with a 60-point APAC-accredited major sequence in psychology are eligible to apply for entry to a fourth year in psychology through an honours year or equivalent. Refer to the psychology honours entry in the handbook.
Regenerative medicine	Dr Jan Manent	Semester 1 or 2	Full-time	24 points of relevant level 3 units, of which normally 18 points are biochemistry, developmental biology, genetics, immunology and physiology units.
Zoology	Dr Matthew Piper	Semester 1 or 2	Full-time and part-time	24 points of level 3 zoology units or by permission of honours coordinator or Head of school.

Malaysia

Honours area of study	Honours coordinator	Start date	Study mode	Prerequisite study
Biotechnology	Dr Thoo Yin Yin	Semester 1 or 2	Full-time	24 points of relevant level 3 units, of which normally 18 points are biotechnology units.
Food science and technology	Dr Thoo Yin Yin	Semester 1 or 2	Full-time	24 points of level 3 food science and technology units.
Medical bioscience	Dr Thoo Yin Yin	Semester 1 or 2	Full-time	24 points of level 3 medical bioscience units.
Medicinal chemistry	Dr Thoo Yin Yin	Semester 1 or 2	Full-time	24 points of relevant level 3 units, of which normally 18 points are medicinal chemistry units.
Psychology	Dr Thoo Yin Yin	Semester 1	Full-time	Students completing a relevant course with a 60-point APAC-accredited major sequence in psychology are eligible to apply for entry to a fourth year in psychology through an honours year or equivalent. Refer to the psychology honours entry in the handbook.
Tropical environmental biology	Dr Thoo Yin Yin	Semester 1 or 2	Full-time	24 points of relevant level 3 units, of which normally 18 points are tropical environmental biology units.

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