

2026 Handbook - Faculty of Science honours prerequisites

Clayton

Honours area of study	Honours coordinator	Start date	Study mode	Prerequisite study
Anatomy and developmental biology	A/Prof Tracy Heng	Semester 1 or 2	Full-time	24 points of relevant level 3 units, of which normally 18 points are in anatomy and developmental biology or biochemistry, human pathology, immunology, microbiology, pharmacology and physiology units.
Astrophysics	Prof Ilya Mandel	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, computer science or engineering units.
Atmospheric science	Dr Felicity McCormack	Semester 1 or 2	Full-time and part-time	24 points of level 3 atmospheric science units. Subject to the approval of the honours coordinator, students may also include 6 points of relevant level 3 units.
Biochemistry	A/Prof Michelle Dunstone	Semester 1 or 2	Full-time and part-time	24 points of relevant level 3 units, of which normally 18 points are in biochemistry or anatomy and developmental biology, human pathology, immunology, microbiology, pharmacology and physiology units. Relevant level 3 units in chemistry, genetics and computer science may also be considered in combination with biomedical subjects and approved by the coordinator.
Chemistry	A/Prof David Turner	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 Alexey Ignatiev	Semester 1 or 2	Full-time and part-time	24 points of level 3 computer science units
Earth science	Dr Felicity McCormack	Semester 1 or 2	Full-time and part-time	24 points of level 3 earth, atmosphere and environment units. Subject to the approval of the honours coordinator, students may also include 6 points of relevant level 3 units.
Ecology and conservation biology	A/Prof Tim Connallon	Semester 1 or 2	Full-time and part-time	24 points of level 3 ecology and conservation biology units or by permission of the honours chief examiner.
Genetics and genomics	A/Prof Tim Connallon	Semester 1 or 2	Full-time and part-time	24 points of level 3 genetics units, or by permission of the honours chief examiner.
Geographical science	Dr Felicity McCormack	Semester 1 or 2	Full-time and part-time	24 points of level 3 earth, atmosphere and environment units. Subject to the approval of the honours coordinator, students may also include 6 points of relevant level 3 units.
Human pathology	A/Prof Jessica Borger	Semester 1	Full-time	24 points of relevant level 3 units, of which normally 18 points are in immunology, genetics, biochemistry, anatomy and developmental biology, human pathology, microbiology, pharmacology and physiology units or by permission of the School Honours coordinator.
Immunology	A/Prof Jessica Borger	Semester 1	Full-time	24 points of relevant level 3 units, of which normally 18 points are in immunology, genetics, biochemistry, anatomy and developmental biology, human pathology, microbiology, pharmacology and physiology units or by permission of the School Honours coordinator.
Mathematics and statistics	A/Prof Julie Clutterbuck (S1 2026) Dr Ngan Le (S2 2026)	Semester 1 or 2	Full-time and part-time	24 points of relevant third year units. This is usually 24 points of MTH3xxx units, but the Honours coordinator may approve other relevant units.
Microbiology	Prof John Boyce	Semester 1 or 2	Full-time and part-time	24 points of relevant level 3 units, of which normally 18 points are in microbiology or biochemistry, anatomy and developmental biology, human pathology, immunology, pharmacology and physiology units.
Pharmacology	Prof Jane Bourke	Semester 1	Full-time	24 points of relevant level 3 units, of which normally 18 points are in pharmacology or biochemistry, anatomy and developmental biology, human pathology, immunology, microbiology and physiology units.
Physics	Prof Ilya Mandel	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, astrophysics, computer science or engineering units.
Physiology	Dr Denuja Karunakaran	Semester 1 or 2	Full-time	24 points of relevant level 3 units, of which normally 18 points are in physiology, microbiology, biochemistry, anatomy and developmental biology, human pathology, immunology or pharmacology.
Plant sciences	A/Prof Tim Connallon	Semester 1 or 2	Full-time and part-time	24 points of level 3 plant sciences units or by permission of the honours coordinator
Regenerative medicine	Dr Jan Manent	Semester 1 or 2	Full-time	24 points of relevant level 3 units, of which normally 18 points are in biochemistry, anatomy and developmental biology, genetics, human pathology, immunology, microbiology, pharmacology and physiology units.
Zoology	A/Prof Tim Connallon	Semester 1 or 2	Full-time and part-time	24 points of level 3 zoology units or by permission of the honours coordinator

Malaysia

Honours area of study	Honours coordinator	Start date	Study mode	Prerequisite study
Biotechnology	Dr Wan Faridah Akmal Jusoh	Semester 1 or 2	Full-time	24 points of relevant level 3 units, of which normally 18 points are in biotechnology, applied microbiology, genomics and bioinformatic units excluding SCI3800.
Food science and technology	Dr Wan Faridah Akmal Jusoh	Semester 1 or 2	Full-time	24 points of level 3 food science and technology units excluding FST3800
Medical bioscience	Dr Wan Faridah Akmal Jusoh	Semester 1 or 2	Full-time	24 points of level 3 medical bioscience units excluding MBS3800
Medicinal chemistry	Dr Wan Faridah Akmal Jusoh	Semester 1 or 2	Full-time	24 points of relevant level 3 units, of which normally 18 points are medicinal chemistry units excluding SCI3800
Tropical environmental biology	Dr Wan Faridah Akmal Jusoh	Semester 1 or 2	Full-time	24 points of relevant level 3 units, of which normally 18 points are tropical environmental biology units excluding SCI3800
Progression to honours for students in the Bachelor of Applied Data Science (S2010)				
Biotechnology/ Food science and technology/ Medical bioscience/ Medicinal chemistry/ Tropical environmental biology	Dr Wan Faridah Akmal Jusoh	Semester 1 or 2	Full-time	24 points of relevant level 3 units, of which normally 18 points are applied data science units (MTH3330/ MTH3320/ FIT3154 (FIT3152)/ FIT3181), excluding ADS3001

While the information provided herein was correct at the time of viewing and/or printing, Monash University reserves the right to alter procedures, fees and regulations should the need arise. Students should carefully read all official correspondence, other sources of information for students and the official university noticeboards to be aware of changes to the information contained herein. The inclusion in a publication of details of a course in no way creates an obligation on the part of the university to teach it in any given year, or to teach it in the manner described. The university reserves the right to discontinue or vary courses at any time without notice. Students should always check with the relevant faculty officers when planning their courses. Some courses and units are described which may alter or may not be offered due to insufficient enrolments or changes to teaching personnel.