Why get involved in research during your studies?

- UQ is a research-intensive university – don't miss the opportunity!
- Chance to find out what research is about and how knowledge is generated
- Chance to apply knowledge learned from other courses
- Learn how to think and reason critically
- Learn to be innovative and develop ideas
- Learn to analyse data
- Learn to explain and communicate results effectively

BSc, BBiomedSc and BAdvSc (Biomed) Honours

- The Bachelor of Biomedical Science (Honours) program provides students with the opportunity to pursue an independent research project in the biomedical sciences under the supervision of an academic staff member.

- Students will develop strong quantitative, problem-solving and research skills that will enable them to proceed to a research higher degree, or to work without close supervision in a research environment in the public and private sectors.
- All three programs are delivered through the School of Biomedical Sciences. The curriculum, learning objectives and assessments are identical across each program.

Courses within the BSc Hons, BBiomedSc (Hons) & BAdvSc (Hons).

Biomedical Science Research Preparative Skills (BIOM6070) – 2 Unit Course delivered both semesters

- You will learn how to (1) identify reliable resources, (2) design appropriate experiments, (3) critique the work of others, (4) effectively communicate to diverse audiences and (5) build collegial and sustainable networks. By the end of this course, you should have the knowledge and skills required to effectively design, execute and disseminate your research findings in an impactful way.

Biomedical Science Research Techniques (BIOM6080) – 2 Unit Course delivered both semesters

- Success in biomedical research requires knowledge of the experimental techniques used to generate scientific data. Students will learn foundational skills in experimental design, hypothesis testing, biostatistics, and research integrity.

Biomedical Science Research Project (BIOM6100) – 12 Unit Course commencing Semester 1

Biomedical Science Research Project (BIOM6200) – 12 Unit Course commencing Semester 2

- Honours students will undertake their own original research project under the guidance of an academic supervisor based within SBMS or affiliated research institutes. Students will be assessed on the overall quality of their work, in particular their scientific communication skills in both oral and written presentations of their research project.

SBMS Honours Convenors:

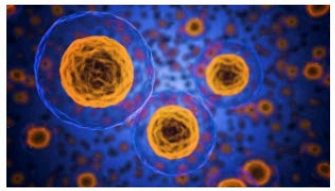
- A/Prof Rohan Teasdale – r.teasdale@uq.edu.au

SBMS Research & Themes

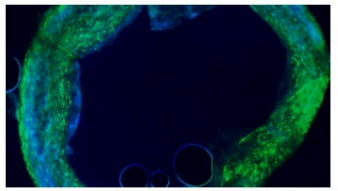
- ~ 36 research groups around T&R academics & research-only staff
- >100 PhD students
- ~100 Honours students per year
- 20-40 SCIE students

'External' opportunities:

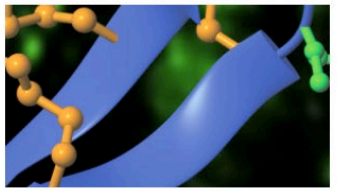
IMB, QBI, UQCCR, Diamantina, Mater, QIMR, PAH, RBWH, PCH, etc.



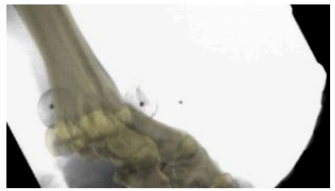
Cell architecture



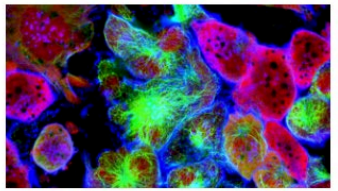
Chronic diseases: cancer, cardiovascular disease, diabetes, neurodegeneration



Drug design and development



Functional and comparative anatomy



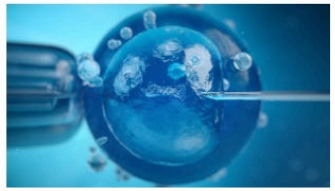
Injury and repair

Innovation in biomedical education

Musculoskeletal and motor control

Neurobiology and brain function

Receptors and signalling



Reproduction

- https://biomedical-sciences.uq.edu.au/research/themes

- **Decide what broad research field you are interested in**
  - Also consider what techniques/skills you would like to learn

- **Find a supervisor in that field**
  - Are they actively publishing? What kind of journals? Impact?
  - Do they have other students/staff?
  - What are the resources and/or support available for my project?

- **Contact your potential supervisor**
  - Don’t send a generic email
  - Be familiar with the supervisor’s work
  - Tell them why you want to do a SCIE or Honours project in their lab
  - Contact them early!!
  - Meet with them in person – will it be they be supervising you day-to-day or will it be a post-doc?

How to apply for Honours

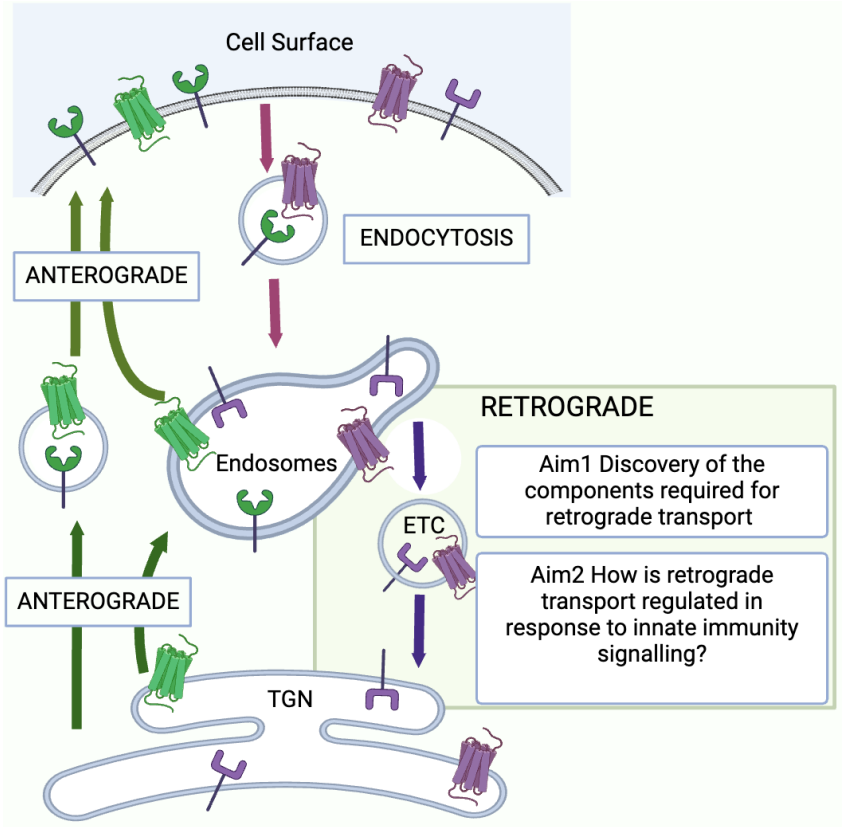
https://biomedical-sciences.uq.edu.au/study/honours

Download the Honours Application and Enrolment guide (DOCX, 1.8 MB).

Upcoming Changes in prerequisites. From 2027 a GPA average of 4.5 will be required.

Recycling to Save the Cell:
Protein Trafficking, Endosomes & Disease

Associate Professor Rohan Teasdale
School of Biomedical Sciences
Cell Biology; Cell Architecture; Chronic Diseases
Phone: 0403 221 312 Email: r.teasdale@uq.edu.au
Home Page: **https://about.uq.edu.au/experts/887**



Research Projects Currently Available