

2. Staff

Position	Name	Email	Consultation times and locations
Course Convenors	Dr Nirmani Wijenayake		

3.1 Course summary

Cells are not only the basic building blocks of all organisms they are also the source of the vast diversity that characterizes life on earth. This course provides an opportunity to explore the nature of cells, both the unity and the breadth of cell structure and function, from prokaryote to eukaryotes. It builds on the introduction contained in BABS1201. The major topics covered include: the cell cycle and the processes that regulate entry into, transition through and exit from the cycle; mitosis, meiosis, cyclins and cdks, apoptosis and cancer; cellular integrity and movement; interactions of cells with each other and their environment, signalling pathways, immunology, chemotaxis and sensing, biofilm formation and interactions between prokaryotic and eukaryotic cells. Practical work illustrates and extends the lectures. Online resources are designed to reinforce the lecture material and to emphasize the development of writing skills, group work and the process of scientific enquiry.

3.2 Course aims

The aims of this course are to provide students with an overview of: the diversity of cell types, how they divide, grow and form communities; the interactions of cells with each other and their environment; and the processes that regulate these interactions.

The course also aims to laboratory exercises and to enhance their understanding of the research methods that are employed in cell biology.

3.3 Course learning outcomes (CLO)

At the successful completion of this course you (the student) should be able to:

1. Discuss the processes that allow a cell to transit from birth to death.
2. Apply the knowledge of how cells work to real world applications.
3. Perform experimental techniques relevant to the field of cell biology.
4. Communicate scientific concepts verbally and in written form.

3.4 Relationship between course and program learning outcomes and assessments

Course Learning Outcome (CLO)	Relevant Science Graduate Attributes	Related Tasks & Assessment
Discuss the processes that occur inside a cell from birth to death.	Information literacy	<p>Related Tasks: Lectures and tutorials</p> <p>Assessment: Mid-session and final exam</p>
Apply the knowledge of how cells work to real world applications.	<p>Research, inquiry and analytical thinking abilities</p> <p>Communication</p>	

4. Assessment

4.1 Assessment tasks

You must attempt and pass all the assessments in the course to pass the course.

HOW TO APPLY FOR SPECIAL CONSIDERATION

The application must be made through Online Services in [myUNSW](#) (My Student Profile tab > My Student Services > Online Services > Special Consideration).

Students will be contacted via *their official university email* as to the outcome of their application. It is the responsibility of all students to regularly consult their official student email accounts and myUNSW in order to ascertain whether or not they have been granted further assessment.

SUPPLEMENTARY EXAMINATION DATES

The University does not give deferred examinations. However, further assessment exams may be given to those students who were absent from the mid-session or final exams through illness or misadventure. Special Consideration applications for these tests will only be considered after the final examination period when lists of students sitting supplementary exams/tests for each course are determined at School Assessment Review Group Meetings. Students will be notified via the online special consideration system as to the outcome of their application. **It is the responsibility of all students to regularly consult their official student email accounts and myUNSW to ascertain whether they have been granted further assessment.**

Supplementary Exams Period for Term 2 - 2021:

6 September 10 September

Further assessment exams will be offered on one of these days **ONLY** and failure to sit for the appropriate exam may result in an overall failure for the course. Further assessment will **NOT** be offered on any alternative dates.

5. Strategies and approaches to learning

5.1 Learning and teaching activities

Activities

Expectations

5.2 Expectations of students

