

Master of Biotechnology (Biomedical)

These Program Rules should be read in conjunction with the University's policies (<http://www.adelaide.edu.au/policies>).

1 Duration of Program

To qualify for the Master of Biotechnology (Biomedical), a candidate shall satisfactorily complete the equivalent of a 48 unit program of study comprising 4 semesters of full-time study, or the equivalent combination of part-time and full-time study to a maximum of 10 semesters.

2 Admission

2.1 An applicant for admission to the program of study for the Master of Biotechnology (Biomedical) shall have qualified for a Bachelor degree in an appropriate field of study of the University of Adelaide, or a Bachelor degree in an appropriate field of study of another institution accepted by the Faculty for the purpose as equivalent.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the degree a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of their fitness to undertake work for the degree.

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Faculty, no candidate will be granted status for any course, which he or she has completed for another degree.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for equivalent post-graduate level studies.

2.3.3 No candidate will be awarded more than 24 units of status, except for:

a Candidates who have completed the Graduate Certificate of Biotechnology (Biomedical) or the Graduate Diploma of Biotechnology (Biomedical) will be awarded up to 12 and 24 units of status respectively.

b Candidates who have completed a Bachelor of Science Honours degree (or equivalent) in a relevant discipline are eligible for a maximum of 24 units of status and will be required to complete 24 units of coursework. The 24 units of status would include the following core courses:

EDUC 7055 Research Communication.....	3
EDUC 7054 Research Design	3
Independent Research Project, Part 1.....	6
Independent Research Project, Part 2.....	12

2.3.4 Notwithstanding Rules 2.3.1, 2.3.2, and 2.3.3, candidates admitted under Rule 2.1 may be granted further status as applicable.

2.3.5 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially there from by the Faculty, again complete the required work in the course to the satisfaction of the Program Management Committee.

2.4 Articulation with other degrees

2.4.1 A candidate for the Master of Biotechnology (Biomedical) who does not complete the requirements for the Master of Biotechnology (Biomedical) but satisfies the requirements for the Graduate Diploma of Biotechnology (Biomedical), or the Graduate Certificate of Biotechnology (Biomedical), may be admitted to the one or other of those degrees as appropriate, subject to the student discontinuing candidature for the higher degree.

2.4.2 A candidate who has completed the Graduate Certificate of Biotechnology (Biomedical) or the Graduate Diploma of Biotechnology (Biomedical) and who subsequently satisfy the requirements for the Master of Biotechnology (Biomedical) degree must surrender the Graduate Certificate or Graduate Diploma before being admitted to the Master degree.

3 Assessment and Examinations

3.1 There shall be four classifications of pass in any course for the Master of Biotechnology (Biomedical) degree: Pass with High Distinction, Pass with Distinction, Pass with Credit, and Pass.

3.2 a A candidate shall not be eligible to be assessed, by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the Program Management Committee.

b For the purpose of this Rule, a candidate who is refused permission to be assessed, by examination or otherwise shall be deemed to have failed the course.

- 3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then under such conditions as may be prescribed by the Faculty.
- 3.4 A candidate shall satisfactorily complete the coursework component of the degree before proceeding to the research component of the degree.

4 Qualification Requirements

4.1 Academic program

To qualify for the Master of Biotechnology (Biomedical) candidates shall satisfactorily complete a program of study of core and elective courses to the value of 48 units, as follows:

4.1.1 Core Courses

All candidates shall complete the following core courses:

Note: Courses offered in the Master of Biotechnology (Biomedical) are subject, at all times, to availability.

Semester 1

BIOTECH 7000 Advanced Research Platforms	3
EDUC 7055 Research Communication.....	3
TECHCOMM 5016 Entrepreneurship and Innovation.....	3

Semester 2

BIOTECH 7003 Advanced Research Techniques.....	3
EDUC 7054 Research Design.....	3

4.1.2 Elective courses

All candidates shall complete 18 units of elective courses as follows:

i courses to the value of 12 units from the following:

Semester 1

BIOTECH 7001 Drug Discovery and Development	3
BIOTECH 7002 Stem Cells and Advanced Tissue Culture	3
BIOTECH 7006 Biomarkers, Detection and Diagnostics	3

Semester 2

BIOTECH 7004 Molecular Microbiology and Vaccines	3
BIOTECH 7005 Bioinformatics and systems modelling.....	3

ii courses to the value of 6 units from the following:

Semester 1

EDUC 7058 Research Processes	3
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Winter Semester

TECHCOMM 5021 Applied Project Management 1	3
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Semester 2

EDUC 7058 Research Processes	3
TECHCOMM 5006 Technology Management and Transfer	3
TECHCOMM 5007 Legal Issues of the Commercialization Process	3
TECHCOMM 5011 Internationalization of Technology	3
TECHCOMM 5004 Managing Risk.....	3
PLANT SC 7124WT Applications of Plant Biotechnology in Health and Nutrition.....	3

4.1.3 Research project

All candidates shall complete the following core courses:

Independent Research Project, Part 1.....	6
Independent Research Project, Part 2.....	12

- 4.2 To be eligible to have the Master of Biotechnology (Biomedical) conferred, candidates are required to provide three bound copies of the research project thesis to the Faculty, after the research project has been passed and the student has been accepted for the degree.

4.3 Unacceptable combinations of courses

No candidate will be permitted to count for the degree any course that, in the opinion of the Faculty, contains substantially the same material as any other course that he or she has already presented for another degree; and no course or portion of a course may be counted twice towards the degree.

4.4 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award.

5 Special Circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular degree.