

# Bachelor of Science (Molecular Biology)

*These rules should be read in conjunction with Academic Program Rules parts 1, 2, and 3 of the Bachelor of Science.*

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

## 1 Qualification requirements

1.1 To qualify for the degree a candidate shall pass courses, listed in 1.2 below, to the value of 72 units, which satisfy the following requirements:

- a a candidate shall present passes in courses to the value of 24 units at each of Level I, II and III
- b a candidate may substitute an appropriate course chosen from Level II to fulfil the requirements of Level I, or from Level III to fulfil the requirements of Level I or II
- c a candidate shall complete a major in a discipline as set out in 1.2 below
- d a candidate may also complete a major as set out in Academic Program Rule 4.4 of the degree of Bachelor of Science.

## 1.2 Academic program

### 1.2.1 Level I

Level I courses, which shall include:

i passes in core courses

Semester 1

BIOLOGY 1101 Biology I: Molecules, Genes & Cells ..... 3

CHEM 1100 Chemistry IA..... 3

*Or*

CHEM 1101 Foundations of Chemistry IA ..... 3

Semester 2

BIOLOGY 1201 Biology I: Human Perspectives ..... 3

CHEM 1200 Chemistry IB..... 3

*or*

CHEM 1201 Foundations of Chemistry IB ..... 3

ii passes in additional Level I course to the value of 12 units selected in consultation with the Program Coordinator and in accordance with Academic Program Rules 4.2, 4.5.1 and 4.5.2 for the degree of Bachelor of Science.

### 1.2.2 Level II

Level II courses, which shall include:

i passes in core courses

Semester 1

BIOCHEM 2510 Advanced Molecular Biology IIA ..... 3

CHEM 2510 Chemistry IIA..... 3

*and either*

BIOCHEM 2500 Biochemistry II: Molecular and Cell Biology ..... 3

*or*

GENETICS 2510 Genetics IIA: Foundation of Genetics..... 3

Semester 2

BIOCHEM 2520 Advanced Molecular Biology IIB ..... 3

*and*

CHEM 2520 Chemistry IIB ..... 3

*or*

CHEM 2540 Medicinal and Biological Chemistry II ..... 3

*and either*

BIOCHEM 2501 Biochemistry II: Metabolism..... 3

*or*

GENETICS 2520 Genetics IIB: Function and Diversity of Genomes .....	3
ii passes in additional Level II course to the value of 6 units selected in consultation with the Program Coordinator and in accordance with Academic Program Rules 4.5.3 and 4.5.4 for the degree of Bachelor of Science.	
1.2.3 Level III	
Level III courses, which shall include:	
i passes in core courses to the value of 12 units	
<b>For a major in Biochemistry</b>	
Semester 1	
BIOCHEM 3125 Advanced Molecular Biology IIIA (Biochemistry) .....	6
Semester 2	
BIOCHEM 3225 Advanced Molecular Biology IIIB (Biochemistry).....	6
<b>For a major in Genetics</b>	
Semester 1	
GENETICS 3110 Advanced Molecular Biology IIIA (Genetics) .....	6
Semester 2	
GENETICS 3210 Advanced Molecular Biology IIIB (Genetics).....	6
ii passes in additional Level III course to the value of 12 units selected in consultation with the Program Coordinator and in accordance with Academic Program Rules 4.5.5 for the degree of Bachelor of Science in the disciplines of Anatomical Sciences, Biochemistry, Chemistry, Genetics, Microbiology and Immunology, Pharmacology or Physiology.	
1.3 Unacceptable combinations of courses	
No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty, contains a substantial amount of the same material, and no course or portion of a course may be counted twice towards an award.	
Note: A list of unacceptable combinations of courses is available from the Faculty of Sciences.	
1.4 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.	
2 Special circumstances	
When in the opinion of the 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 award.	