

Bachelor of Science (Space Science and Astrophysics)

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 not more than 30 units at Level I
- b candidate shall present passes in courses to the value of at least 24 units at Level III
- c 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
- d a candidate may complete a major in a discipline 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

MATHS 1011 Mathematics IA..... 3

PHYSICS 1100 Physics IA 3

Semester 2

MATHS 1012 Mathematics IB 3

PHYSICS 1200 Physics IB 3

PHYSICS 1007 Space Science & Astrophysics I..... 3

ii passes in additional Level I courses to the value of not more than 9 units chosen from:

Semester 1

COMP SCI 1101 Introduction to Programming 3

GEOLOGY 1103 Earth Systems 3

STATS 1000 Statistical Practice I..... 3

Semester 2

COMP SCI 1102 Object Orientated Programming 3

GEOLOGY 1100 Earth's Interior I..... 3

PHYSICS 1005 Physics, Ideas and Society I..... 3

STATS 1005 Statistical Analysis and Modelling I..... 3

or

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

MATHS 2101 Multivariable and Complex Calculus 3

MATHS 2102 Differential Equations 3

PHYSICS 2510 Physics IIA 3

Semester 2

PHYSICS 2520 Physics IIB..... 3

PHYSICS 2534 Electromagnetism II 3

PHYSICS 2536 Space Science and Astrophysics II..... 3

ii passes in additional Level II courses chosen from:

Semester 2	
PHYSICS 2532 Classical Physics II.....	3

or

selected in consultation with the Program Coordinator and in accordance with Academic Program Rules 4.2, 4.5.3 and 4.5.4 for the degree of Bachelor of Science, or selected courses listed for the Bachelor degree of Engineering (Aerospace).

1.2.3 Level III

Level III courses, which shall include:

i passes in core courses

Semester 1

PHYSICS 3532 Atmospheric and Astrophysics III.....	3
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PHYSICS 3542 Physics III.....	6
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Semester 2

PHYSICS 3002 Experimental Physics III	3
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ii passes in additional Level III course to the value of 12 units chosen from:

Semester 2

PHYSICS 3534 Computational Physics III.....	3
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PHYSICS 3540 Optics and Photonics III	3
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or

courses selected in consultation with the Program Coordinator and in accordance with Academic Program Rules 4.5.5 and 4.5.6 for the degree of Bachelor of Science or selected courses listed for the Bachelor degree of Engineering (Aerospace).

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.