

# BP004 Bachelor of Science

## Administrative details

<b>School</b>	Office of the Deputy Vice-Chancellor Education
<b>Board Of Studies</b>	Mathematical and Physical Sciences
<b>Responsible Organisational Entity</b>	Office of the Deputy Vice-Chancellor Education
<b>School Collaborations</b>	{"School Collaborations" blank}
<b>Coordinator</b>	{"Coordinator" blank}
<b>Availability of course for 2025</b>	Available for new enrolments

## Details

<b>Course code</b>	BP004
<b>Title</b>	Bachelor of Science
<b>Award Title</b>	Bachelor of Science
<b>Abbreviation of award</b>	BSc
<b>Approved</b>	19/11/2020
<b>First year of offer</b>	2012

## Overview

<b>Undergraduate Course Type</b>	BDeg
<b>Bachelors Degree Type</b>	Comprehensive
<b>Volume of learning</b>	144 points
<b>Justification as to why the volume of learning is not 144</b>	Standard points for Bachelor's degrees
<b>Rationale for offering the degree</b>	{"Rationale for offering the degree" blank}
<b>About this course</b>	The Bachelor of Science teaches understanding, reasoning and improving the natural world through systematic observation, experimentation, modelling and calculation. A quality education in science from UWA will equip students with attributes that are highly valued and sought after by a diverse range of employers around the globe, and provides the opportunity to harness the skills and knowledge necessary to make a real contribution to the global challenges facing humanity.

## Field of Education

<b>Broad Field of Education</b>	01 - Natural and Physical Sciences
<b>Narrow Field of Education</b>	0100 - Natural and Physical Sciences
<b>Detailed Field of Education</b>	010000 - Natural and Physical Sciences

## Admissions

<b>Proposed Minimum ATAR Threshold</b>	75
<b>Projected enrolment for domestic students</b>	unknown

## Rules

<b>Title</b>	1. These rules are the Bachelor of Science (Comprehensive) degree Course Rules.
<b>Terms Used</b>	2. The <a href="#">Glossary</a> provides an explanation of the terms used in these rules.
<b>Applicability of the Student Rules, policies and procedures</b>	3.(1) The Student Rules apply to students in this course.  (2) The policy, policy statements and guidance documents and student procedures apply, except as otherwise indicated in the rules for this course.
<b>Academic Conduct Essentials, Communication and Research Skills And Indigenous Studies Essentials module</b>	4.(1) Except as stated in (2), a student who enrolls in an undergraduate degree course of the University for the first time irrespective of whether they have previously been enrolled in another course of the University, must undertake the Academic Conduct Essentials module (the ACE module), Communication and Research Skills (the CARS module) and Indigenous Studies Essentials (the ISE module) in the teaching period in which they are first enrolled.  (2) A student must successfully complete the ACE module within the first teaching period of their enrolment. Failure to complete the module within this timeframe will result in the student's unit results from this teaching period being withheld. These results will continue to be withheld until students avail themselves of a subsequent opportunity to achieve a passing grade in the ACE module. In the event that students complete units in subsequent teaching periods without completing the ACE module, these results will similarly be withheld. Students will not be permitted to submit late review or appeal applications regarding results which have been withheld for this reason and which they were unable to access in the normally permitted review period.  (3) A student who has previously achieved a result of Ungraded Pass (UP) for the CARS module or the ISE module is not required to repeat the relevant module.
<b>Admission rules - English language competency requirements</b>	5. To be considered eligible for consideration for admission to this course an applicant must satisfy the University's English language competence requirement as set out in the <a href="#">University Policy on Admission: Coursework</a> .
<b>Admission rules - admission requirements</b>	6.(1) To be considered for admission to this course an applicant must have—  (a) achieved an ATAR of at least 75, or equivalent as recognised by UWA;  or  (b) an assured pathway offer;  or  (c) Achieved a score of at least 100 in UWA's experienced based entry assessment;  or  (d) a place in a relevant UWA access program.
<b>Admission rules - ranking and selection</b>	7. Where relevant, admission will be awarded to the highest ranked applicants or applicants selected based on the relevant requirements.
<b>Transfer Requirements</b>	8.(1) A student enrolled in an undergraduate degree course at UWA may apply to transfer into this course if they satisfy the following conditions:  (a) the student has not commenced their final semester of enrolment;  and  (b) the course transfer is undertaken within the two transfer windows in each academic year;  and  (c) there are no quotas preventing the student from enrolling in a major or unit in which the student seeks to enrol; and  (2) (a) have completed a minimum of 24 points of study in their current course and achieved a WAM of at least 50; and  (b) have met any subject prerequisites for their intended majors.

**Course structure**

**9.(1)** The Undergraduate Bachelor's degree consists of:

**(a)** 144 credit points (normally 24 units), which will include:

**(i)** a degree-specific major chosen from the list below:

- (1) MJD-AGBUS Agribusiness
- (2) MJD-AGSCI Agricultural Science
- (3) MJD-AGTEC Agricultural Technology
- (4) MJD-ANHBY Anatomy and Human Biology
- (5) MJD-BCHMB Biochemistry and Molecular Biology
- (6) MJD-BOTNY Botany
- (7) MJD-CHEMY Chemistry
- (8) MJD-CMPSC Computer Science
- (9) MJD-CONBI Conservation Biology
- (10) MJD-CYBER Cybersecurity
- (11) MJD-DATSC Data Science
- (12) MJD-ENVM Environmental Management
- (13) MJD-ENVSC Environmental Science
- (14) MJD-EXHSC Exercise and Health
- (15) MJD-GENET Genetics
- (16) MJD-GGRPY Geographical Sciences
- (17) MJD-GEOGY Geology
- (18) MJD-MARCP Marine and Coastal Processes
- (19) MJD-MBIOL Marine Biology
- (20) MJD-MCBIM Microbiology and Immunology
- (21) MJD-NEURS Neuroscience
- (22) MJD-PHYSC Physics
- (23) MJD-SPTSC Sport Science
- (24) MJD-ZOOLY Zoology
- (25) MJD-PHYGY Physiology
- (26) MJD-PSYCH Psychological and Behavioural Sciences
- (27) MJD-STATS Statistics
- (28) MJD-MATHS Mathematics

and

**(ii)** no more than 72 credit points (normally 12 units) of Level 1 units; and

**(iii)** at least 72 credit points (normally 12 units) of Level 2 or Level 3 units, including at least 18 credit points (normally 3 units) of Level 3 units; and

**(iv)** any relevant foundation units.

and

**(2)** Students may choose to undertake an additional major and/or up to two minors from any undergraduate degree, provided the student will be able to complete all nominated majors and minors within 144 credit points.

**Satisfactory progress**

**10.(1)** To make satisfactory progress a student must pass units to a point value greater than half the total value of units in which they remain enrolled after the final date for withdrawal without academic penalty.

**(2)** A student who has not achieved a result of Ungraded Pass (UP) in one or more of the ACE module, the CARS module or the ISE module when their progress status is assessed will not have made satisfactory progress.

**(3)** A student who fails a unit twice is not permitted to enrol again in that unit unless the relevant board approves otherwise.

**Progress status**

**11.(1)** A student who makes satisfactory progress is assigned the status of 'Good Standing'.

**(2)** Unless the relevant board determines otherwise because of exceptional circumstances —

**(a)** a student who does not make satisfactory progress for the first or second time under Rule 10(1) is assigned a progress status of 'On Probation';

**(b)** a student who does not make satisfactory progress for the third time under Rule 10(1) is assigned a progress status of 'Suspended';

**(c)** a student who does not make satisfactory progress for the fourth time under Rule 10(1) is assigned a progress status of 'Excluded';

**(d)** a student who does not make satisfactory progress under Rule 10(2) is assigned a progress status of 'On Probation' unless they have been assigned a progress status of 'Suspended' or 'Excluded' for failure to make satisfactory progress under Rule 10(1).

**Deferral**

**12.** Applicants awarded admission to the course are entitled to a deferral of up to 12 months, as per the University Policy on: Admissions (Coursework).

## Academic information

### Outcomes

#	Outcome
1	Critically evaluate data and other information to make evidence-based judgments in one or more disciplinary areas in the broad realm of the sciences.
2	Apply discipline-specific knowledge, theory, skills, and safe practice to one or more scientific fields.
3	Collaborate effectively and communicate science clearly, both orally and in writing.
4	Demonstrate competency in the use of established and emergent tools for scientific research and communication.
5	Deploy flexible and effective approaches to solve real-world problems.
6	Engage ethically and responsibly with the diverse scientific and wider communities.

## List of associated Majors / Minors

### List of Majors

- (1) MJD-AGBUS Agribusiness
- (2) MJD-AGSCI Agricultural Science
- (3) MJD-AGTEC Agricultural Technology
- (4) MJD-ANHBY Anatomy and Human Biology
- (5) MJD-BCHMB Biochemistry and Molecular Biology
- (6) MJD-BOTNY Botany
- (7) MJD-CHEMY Chemistry
- (8) MJD-CMPSC Computer Science
- (9) MJD-CONBI Conservation Biology
- (10) MJD-CYBER Cybersecurity
- (11) MJD-DATSC Data Science
- (12) MJD-ENVMT Environmental Management
- (13) MJD-ENVSC Environmental Science
- (14) MJD-EXHSC Exercise and Health
- (15) MJD-GENET Genetics
- (16) MJD-GGRPY Geographical Sciences
- (17) MJD-GEOGY Geology
- (18) MJD-MARCP Marine and Coastal Processes
- (19) MJD-MBIOL Marine Biology
- (20) MJD-MCBIM Microbiology and Immunology
- (21) MJD-NEURS Neuroscience
- (22) MJD-PHYSC Physics
- (23) MJD-SPTSC Sport Science
- (24) MJD-ZOOLY Zoology
- (25) MJD-PHYGY Physiology
- (26) MJD-PSYCH Psychological and Behavioural Sciences
- (27) MJD-STATS Statistics
- (28) MJD-MATHS Mathematics

### List of Minors

{"List of Minors" blank}

## Duration, intake and attendance

<b>Intake periods (broad)</b>	Beginning of year and mid-year
<b>Intake periods (specific teaching periods)</b>	Semester 1, Semester 2
<b>Attendance type</b>	Full- or part-time
<b>Time limit</b>	10 years



## Course delivery

**Mode of delivery** Internal

### Location(s) delivered

Location	Percentage
UWA (Crawley)	99%
Albany	1%

## History and committee endorsements/approvals

Event	Date	Outcome
 <b>Faculty</b>	09-10-2020	<b>Endorsed:</b> Course approved as part of 2012 Curriculum Renewal <b>Approval reference:</b> Course approved as part of 2012 Curriculum Renewal
 <b>University Curriculum Committee</b>	14-10-2020	<b>Approved:</b> R105/20

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