The Graduate

Family name   Bajaj
Given name(s)   Aayush
Student number   5362216
Date of birth   26 December 2001

The Award

Name of award   Bachelor of Science
                       in Computer Science (Artificial Intelligence)

Detail

The Bachelor of Science in Computer Science is an undergraduate degree consisting of 144 units of credit. It is taught in English and normally takes 3 years of full-time study, or the part-time equivalent. The degree structure requires the successful completion of compulsory, elective and general education courses including an approved major sequence of study in a computer science specialisation, and optionally, a minor which may be outside computer science. This qualification is located at Level 7 of the Australian Qualifications Framework. For more information see the university's program guide at www.handbook.unsw.edu.au.
Admission to the program is competitive and is based on Australian and New Zealand final senior secondary studies or equivalent overseas qualifications, tertiary qualifications, or completion of alternative entry programs.
This program provides students with a sound knowledge in the design, construction, analysis and uses of computer systems, and in the representation of data in computer systems.

Pathway to further study

Eligible graduates may apply to a separate Honours year program. Graduates have access to a range of Graduate Certificates, Graduate Diplomas and Masters degrees.

Program accreditation

This degree is accredited by the Australian Computer Society.

Awarding Institution

The University of New South Wales (UNSW Sydney/UNSW Canberra) is a public university, established in 1949 under legislation passed by the Parliament of New South Wales. It is a member of The Group of Eight (Go8) coalition of Australian universities, intensive in research and comprehensive in general and professional education. The University is listed as an Australian University on the Tertiary Education Quality and Standards Agency's National Register of Higher Education Providers. The University's Commonwealth Register of Institutions and Courses for Overseas Students number is 00098G. For additional information about the University of New South Wales see www.unsw.edu.au.

Certification

Dr Jonathon Strauss
Registrar and Director, Student Services
03 OCTOBER 2025

The Australian Higher Education Graduation Statement is provided by Australian higher education institutions to graduating students on completion of the requirements for a particular higher education award. It provides a description of the nature, level, context and status of studies that were pursued by the individual named. Its purpose is to assist in both national and international recognition of Australian qualifications and to promote international mobility and professional recognition of graduates.

Graduate's Academic Achievements

Program details

This statement lists all courses completed as part of Undergraduate studies at UNSW.

BSc	Bachelor of Science	
Date of completion	24 SEPTEMBER 2025	
Date of conferral	02 OCTOBER 2025	

3784 COMMERCE / COMPUTER SCIENCE - BSc

			UNITS	MARK	GRADE
TERM 2 2021					
COMM 1140	Financial Management		6.00	75	DISTINCTION
MATH 1131	Mathematics 1A		6.00	53	PASS
TERM 3 2021					
COMM 0999	my BCom Blueprint		0.00		SUCCESSFUL
COMM 1180	Value Creation		6.00	69	CREDIT
COMP 1511	Programming Fundamentals		6.00	85	HIGH DISTINCTION
MATH 1231	Mathematics 1B		6.00	63	PASS
TERM 1 2022					
COMP 1531	Software Engineering Fundamentals		6.00	77	DISTINCTION
COMP 2521	Data Structures and Algorithms		6.00	61	PASS
MATH 1081	Discrete Mathematics		0.00	37	FAIL
TERM 2 2022					
COMP 1521	Computer Systems Fundamentals		6.00	72	CREDIT
GENL 1021	World Religions		6.00	61	PASS
MATH 2501	Linear Algebra		6.00	66	CREDIT
TERM 3 2022					
COMP 2511	Object-Oriented Design and Programming		0.00	38	FAIL
COMP 3121	Algorithms and Programming Techniques		0.00	35	FAIL
MATH 1081	Discrete Mathematics		6.00	63	PASS
TERM 1 2023					
COMP 3231	Operating Systems		6.00	61	PASS
COMP 3311	Database Systems		0.00	42	FAIL
MATH 2011	Several Variable Calculus		6.00	61	PASS
TERM 2 2023					
COMP 3121	Algorithms and Programming Techniques		6.00	51	PASS

3778 COMPUTER SCIENCE - BSc

			UNITS	MARK	GRADE
TERM 3 2023					
COMP 3331	Computer Networks and Applications		6.00	54	PASS
MATH 2521	Complex Analysis		0.00	48	FAIL
TERM 1 2024					
COMP 2511	Object-Oriented Design and Programming		6.00	76	DISTINCTION
COMP 3411	Artificial Intelligence		6.00	65	CREDIT

			UNITS	MARK	GRADE
TERM 2 2024					
ARTS	1630	Japanese 1	6.00	71	CREDIT
COMP	9417	Machine Learning and Data Mining	6.00	64	PASS
MATH	2121	Theory and Applications of Differential Equations	6.00	80	DISTINCTION
TERM 3 2024					
ARTS	1631	Japanese 2	6.00	55	PASS
COMP	3900	Computer Science Project	6.00	86	HIGH DISTINCTION
COMP	9444	Neural Networks and Deep Learning	6.00	74	CREDIT
TERM 1 2025					
COMP	4920	Professional Issues and Ethics in Information Technology	6.00		COMPETENT WITH MERIT
MATH	3161	Optimization	6.00	67	CREDIT
TERM 2 2025					
COMP	9517	Computer Vision	6.00	73	CREDIT
MATH	2901	Higher Theory of Statistics	6.00	65	CREDIT
MATH	3611	Higher Analysis	6.00	70	CREDIT

Key to Grading

See reverse.

Special Achievements, Scholarships, Awards and Prizes

Special achievement

This section acknowledges sporting achievement, academic achievement or a significant leadership and/or service contribution to the University

2025   Committee Executive, UNSW Sport Club

ARC @ UNSW
Assisted the executive in a variety of areas (social media, social events etc.)

Entries below this line are invalid

Description of the Australian Higher Education System

Introduction

The Australian higher education system consists of self-governing public and private universities and higher education institutions that award higher education qualifications.

The Australian Qualifications Framework

The Australian Qualifications Framework (AQF) is a single national, comprehensive system of qualifications offered by higher education institutions (including universities), vocational education and training institutions and secondary schools.

The AQF has 10 levels, each with defined criteria based on a taxonomy of learning outcomes. Higher education qualifications are placed between level 5 (the Diploma) and level 10 (the Doctoral Degree). The Bachelor Degree is at level 7. Each AQF qualification has a set of descriptors which define the type and complexity of knowledge, skills and application of the knowledge and skills that a graduate who has been awarded that qualification has attained, and the typical volume of learning associated with that qualification type. The full set of levels criteria and qualification type descriptors can be found by visiting www.aqf.edu.au.

The main AQF qualifications awarded by higher education institutions are Bachelor Degrees, Masters Degrees and Doctoral Degrees. There are also three qualifications at the sub-degree level: the Diploma, the Advanced Diploma and the Associate Degree. At the graduate level but below the Masters Degree are the Graduate Certificate and Graduate Diploma. The Undergraduate Certificate, which was added to the AQF in 2020, is a higher education qualification that is not allocated to a single AQF level, but recognises completion of a short course, equivalent to half a year's study (0.5 Equivalent Full Time Study Load) toward an existing qualification at AQF level 5, 6 or 7.

Level	Summary	Qualification Type
Level 1	Graduates at this level will have knowledge and skills for initial work, community involvement and/or further learning	Certificate I
Level 2	Graduates at this level will have knowledge and skills for work in a defined context and/or further learning	Certificate II
Level 3	Graduates at this level will have theoretical and practical knowledge and skills for work and/or further learning	Certificate III
Level 4	Graduates at this level will have theoretical and practical knowledge and skills for specialised and/or skilled work and/or further learning	Certificate IV
Level 5	Graduates at this level will have specialised knowledge and skills for skilled and/or paraprofessional work and/or further learning	Diploma
Level 6	Graduates at this level will have broad knowledge and skills for paraprofessional and/or highly skilled work and/or further learning	Advanced Diploma Associate Degree
Level 7	Graduates at this level will have broad and coherent knowledge and skills for professional work and/or further learning	Bachelor Degree
Level 5-7	Graduates with this qualification will have foundational knowledge and skills for further study, professional upskilling, work and participation in lifelong learning	Undergraduate Certificate*
Level 8	Graduates at this level will have advanced knowledge and skills for professional highly skilled work and/or further learning	Bachelor Honours Degree Graduate Certificate Graduate Diploma
Level 9	Graduates at this level will have specialised knowledge and skills for research, and/or professional practice and/or further learning	Masters Degree
Level 10	Graduates at this level will have systematic and critical understanding of a complex field of learning and specialised research skills for the advancement of learning and/or for professional practice	Doctoral Degree

*As at the publication of this document, the Undergraduate Certificate qualification type must not be conferred after 30 June 2025. Undergraduate Certificates that have been conferred prior to this date will continue to be recognised as valid AQF qualifications.

Admission

Requirements for admission to particular awards are set by higher education institutions and provide a range of routes for entry and only admit those students considered to have potential to complete an award successfully. Admission of school leavers to undergraduate awards is typically on the basis of the level of achievement in Year 12 secondary education, although some institutions and awards also use interviews, portfolios or demonstrated interest or aptitude. Most institutions also provide alternative entry provisions via bridging or foundation programs for mature age students or other special provisions, such as recognition of prior learning from previous study. Admission to post-graduate awards is generally based on the level of achievement in previous higher education studies and in most cases, admission to PhD awards is based on high achievement in a research Masters Degree or in a Bachelor Degree with first class honours or second class honours division A.

Quality

Quality assurance and stringent approval requirements for higher education institutions ensure that Australia has an international reputation for high quality education.

The Tertiary Education Quality and Standards Agency (TEQSA) was established on 30 July 2011 as a new national regulator and quality assurance agency for higher education. TEQSA is an independent body with the powers to regulate university and non-university higher education institutions and monitor quality against standards. Its purpose is to protect student interests and the reputation of Australia's higher education sector through a proportionate, risk-reflective approach to quality assurance that supports diversity, innovation and excellence.

From 29 January 2012 TEQSA assumed responsibility for registering and re-registering providers and accrediting and re-accrediting awards for higher education providers that do not have authority to accredit their own awards. At the time of registration, re-registration, accreditation and/or re-accreditation, TEQSA evaluates the performance of a higher education provider against the Higher Education Standards Framework. The framework specifies the minimum standards that all higher education providers must meet and continue to meet in order to remain registered.

TEQSA also monitors provider risks and performance and identifies good practice to support continuous improvement within the sector, guide sectoral quality enhancement and inform policy and research.

The Higher Education Standards Panel, which is independent from TEQSA, is responsible for advising the Minister for Education and TEQSA on the development, monitoring and interpretation of the Higher Education Standards Framework.

All higher education institutions receiving Australian Government financial support must meet quality and accountability requirements that are set out in the Higher Education Support Act 2003. The Australian Government also uses a range of tools to measure and monitor the quality of outcomes, while the interests of international students are protected by the Education Services for Overseas Students Act 2000 and the Commonwealth Register of Institutions and Courses for Overseas Students (CRICOS), providing tuition assurance and ensuring that institutions listed on CRICOS meet defined minimum standards.

End of document

Key to Grading

HIGH DISTINCTION	Outstanding performance; mark range 85-100
DISTINCTION	Superior performance; mark range 75-84
CREDIT	Good performance; mark range 65-74
PASS	Acceptable level of performance; mark range 50-64
SATISFACTORY	Satisfactory completion of a course for which graded passes are not awarded; a course with prefix 66 or REGS which is undertaken at another tertiary institution; a research course; or an industrial training requirement
RESEARCH SATISFACTORY	Satisfactory completion of a research course
PASS CONCEDED	Concessional pass allowing progression to another course for which the course is a prerequisite
PASS TERMINATING	Concessional pass not allowing progression to another course for which the course is a prerequisite
FAIL	Unsatisfactory performance
ABSENT FAIL	Unsatisfactory performance; assessment not attempted
DISCONTINUED FAIL	Discontinued with failure
UNSATISFACTORY FAIL	Unsatisfactory performance in an essential component of the course
AUDITED COURSE	Assessment not attempted; course not counted towards award requirements
ENROLMENT CONTINUING	Enrolled; course continues
RESEARCH CONTINUING	Enrolled in a research course; course continues
RESULT DEFERRED	Result Deferred to later semester
NON-GRADED COMPONENT	Enrolled in a course component
NOT COMPLETED	Course assessment requirements have not been completed in a timely manner
ASSESSMENT NOT APPLICABLE	Assessment not applicable for given course
EXCHANGE ENROLMENT	Enrolled; study undertaken as part of an exchange program
PROFESSIONAL EXPERIENCE	Enrolled; study undertaken as part of a professional experience requirement
AWARDED WITH HONOURS	Some undergraduate degrees may be awarded with Honours Class 1, or Class 2 Division 1, or Class 2 Division 2, or Class 3. For further information see the individual program entry in the University's program guide at www.handbook.unsw.edu.au
AWARDED WITH DISTINCTION	A weighted average mark (WAM) of at least 75 achieved in all courses completed since enrolment at UNSW which are credited to the relevant award
AWARDED WITH EXCELLENCE	A weighted average mark (WAM) of at least 80 achieved in all courses completed since enrolment at UNSW which are credited to the relevant award

HIGHER RESEARCH DEGREES

Examination of the thesis is by up to three independent examiners, normally one to two of whom are external to the University. For further information see the University's program guide at www.handbook.unsw.edu.au

THE AUSTRALIAN GRADUATE SCHOOL OF MANAGEMENT (AGSM)

The AGSM was established in 1977 at UNSW. A 1998 joint venture merged the AGSM and the University of Sydney's Graduate School of Business to form a new AGSM. Graduates received a joint degree from both universities. The joint venture ended in 2006. For an explanation of the AGSM Grading scheme see https://student.unsw.edu.au/grades

FURTHER INFORMATION

For a comprehensive list of UNSW grades please refer to: https://student.unsw.edu.au/grades
A link is also available to information for expressing UNSW grades in international terms. This site includes information regarding grading systems used for the institutes amalgamated and within the Sydney College of Advanced Education prior to 1985.