



1. The Graduate

Name: Luong Ha Tri Nhan

Student number: 29644364

2. The Award

Name of the award:

Bachelor of Computer Science

Award Detail: The Bachelor of Computer Science is an undergraduate degree. The course is taught in English and normally takes three years of full-time study or six years of part-time study. The degree provides graduates with in-depth computing knowledge. It focuses on software, hardware and the underlying theory of computing and its applications to scientific and technical problem-solving and to information processing in commerce and industry. The Bachelor of Computer Science is a Level 7 Australian Qualifications Framework (AQF) qualification.

Features: The course of study leading to this award includes a final year industrial experience project, studio project, or an Industry Based Learning (IBL) placement. The work during the placement is structured and assessed as part of the degree.

3. Awarding Institution

Monash University was established in 1958 as a public university by an Act of Parliament in the State of Victoria and is listed as an Australian University on the Tertiary Education Quality and Standards Agency's National Register of Higher Education Providers and Commonwealth Register of Institutions and Courses for Overseas Students (CRICOS number 00008C). A member of the Group of Eight research universities in Australia, Monash has four campuses in and around Melbourne. Monash also has study locations and research partnerships around the globe. Monash aspires to connect research and teaching for local and global transformation. For more information on Monash University visit www.monash.edu.

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.

Certification

Date: 17th December 2021

Vice-Chancellor





4. Graduate's Academic Achievements

Course details: Bachelor of Computer Science

Award Details

Bachelor of Computer Science

Specialisation: Advanced Computer Science

Year	Unit Code	Unit Title	Teaching Period	Credit Points	Mark	Grade
2021	FIT3045	Industry-based Learning	1	18	82	HD
2020	FIT2099	Object Oriented Design And Implementation	1	6	76	D
2020	FIT2108	Industry Based Learning Seminar	1	--	--	PGO
2020	FIT3139	Computational Modelling And Simulation	1	6	81	HD
2020	FIT3171	Databases	1	6	70	D
2020	MTH1030	Techniques For Modelling	1	6	83	HD
2020	MTH2132	The Nature And Beauty Of Mathematics	1	6	89	HD
2020	FIT2100	Operating Systems	2	6	--	SFR
2020	FIT3080	Artificial Intelligence	2	6	--	SFR
2020	FIT3143	Parallel Computing	2	6	--	SFR
2020	FIT3155	Advanced Data Structures And Algorithms	2	6	--	SFR
2019	FIT1008	Introduction To Computer Science	1	6	81	HD
2019	FIT1033	Foundations Of 3d	1	6	86	HD
2019	FIT1049	It Professional Practice	1	6	78	D
2019	MAT1830	Discrete Mathematics For Computer Science	1	6	75	D
2019	FIT2004	Algorithms And Data Structures	2	6	64	C
2019	FIT2014	Theory Of Computation	2	6	71	D
2019	FIT2098	Virtual And Augmented Reality	2	6	91	HD
2019	FIT2102	Programming Paradigms	2	6	78	D
2018	FIT1045	Algorithms And Programming Fundamentals In Python	2	6	89	HD
2018	FIT1046	Interactive Media Foundations	2	6	87	HD
2018	FIT1047	Introduction To Computer Systems, Networks And Security	2	6	92	HD
2018	MAT1841	Continuous Mathematics For Computer Science	2	6	87	HD

GPA: 3.600 **WAM:** 80.323





Monash University Results and Calculations: Grading Schema (from 2010 onwards)

HD	High Distinction	80 - 100	DEF	Deferred Assessment
D	Distinction	70 - 79	E	Exempt
C	Credit	60 - 69	FP	Faculty Pass
P	Pass	50 - 59	NA	Not Applicable
N	Fail	0 - 49	NAS	Non-Assessed
NH	Hurdle Fail	45	NE	Not Examinable
HI/H1	First Class Honours	80+	NGO	Fail
HI/A/H2A	Second Class Honours Division A	70 - 79	NS	Supplementary Assessment Granted
HI/B/H2B	Second Class Honours Division B	60 - 69	NSR	Not Satisfied Requirements
HI/I	Third Class Honours	50 - 59	M	Merit
			PGO	Pass Grade Only (no higher grade available)
			SFR	Satisfied Faculty Requirements
			WDN	Withdrawn
			WH	Withheld
			WI	Withdrawn Incomplete
			WN	Withdrawn Fail
			WNGO	Withdrawn Fail

In 2020, Monash University introduced a modified grading scale system in response to the COVID-19 pandemic. More information on grades awarded during this period, including how these modifications relate to a student's Grade Point Average and Weighted Average Mark, can be found at monash.edu/exams/results-legend.html

Details of pre-2010 results can be found on the internet: <http://www.monash.edu.au/exams/results-legend.html>

Grade Point Average (GPA)

The GPA is an internationally recognised calculation used to find the average result of all grades achieved for a course.

$$\text{GPA} = \frac{\text{Sum (grade value * unit credit points)}}{\text{Sum (unit credit points)}}$$

- multiply each grade value by the unit credit points
- sum the resulting values (weighted GPA unit score)
- sum the unit credit points
- divide the sum of the weighted GPA unit score by the sum of the unit credit points
- calculate to three decimal places

	Grade	Grade value
HD	High Distinction	4.0
D	Distinction	3.0
C	Credit	2.0
P	Pass	1.0
NP	Near Pass	0.7
N	Fail	0.3
WN	Withdrawn fail	0.0
	Other grades	Not included in calculations





Weighted Average Mark (WAM)

The WAM is the average mark achieved across all completed units in a course.

$$\begin{aligned} \text{WAM} = & \frac{\text{Sum (first year unit marks * unit credit points * 0.5)} \\ & + \text{Sum (later year unit marks * unit credit points * 1.0)}}{\text{Sum (first year unit credit points * 0.5)} \\ & + \text{Sum (later year unit credit points * 1.0)}} \end{aligned}$$

Year level of unit	Year level weighting
First year (undergraduate)	0.5
All other year levels	1.0

- multiply the unit mark by unit credit point value and then by the year level weighting
- sum the resulting values (weighted marks)
- multiply the unit credit point value by the year level weighting
- sum the resulting values (weighted credit points)
- divide the sum of the weighted marks by the sum of the weighted credit points
- calculate to three decimal places

Additional Student Achievements:

Scholarships:

INFORMATION TECHNOLOGY IBL PLACEMENT SCHOLARSHIP

INFORMATION TECHNOLOGY INTERNATIONAL MERIT SCHOLARSHIP

Passport Unit:

FIT3045 Industry-based learning This student has participated in the Act Program of the Monash Passport, which prepares students to be responsible and effective global citizens through volunteering, internship, industry linkage or peer-to-peer experiences.

Co-Curriculum Program:

Mentor - Monash Peer Mentoring Program The Monash Peer Mentoring Program enables Mentors to gain important employability skills including strong interpersonal and communication skills, leadership, organisation, problem solving, and experience working with people from diverse backgrounds.





5. 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.





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 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





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 providers and monitor quality against standards.

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 Standards Framework comprises: Provider Registration, Category and Course Accreditation Standards and Qualification Standards (based on the AQF). The Higher Education Standards Panel, which is independent from TEQSA, is responsible for developing and monitoring the Standards Framework.

TEQSA also undertakes quality assessments of individual providers or reviews issues within the sector across a cohort (thematic reviews). These reviews help to identify sectoral good practice, guide sectoral quality enhancement and inform policy and research.

TEQSA's primary aim is to ensure that students receive a high quality education at any of Australia's higher education institutions.

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.

