Australian
National
University

Australian
Higher Education
Graduation Statement

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.

1. the **graduate**

Name	**Guofeng Xu**
Student number	**5491523**

2. the **award**

Name of award
Master of Machine Learning and Computer Vision

Detail
The Master of Machine Learning and Computer Vision, MMaLeComVi is an AQF Level 9 Masters Degree (Coursework) qualification taught in English and normally takes two years of full-time-equivalent study following a three-year-long AQF Level 7 Bachelor Degree. Course credit may be granted for students with relevant higher qualifications. The program structure requires the successful completion of both compulsory and elective courses (units of study) Admission is normally based on the successful completion of an AQF Level 7 Bachelor Degree with a Grade Point Average of at least 5.0/7.0. Full study details and learning outcomes are published on the University website: www.anu.edu.au

Pathway to further study
Graduates may progress to an AQF level 10 qualification (Doctoral Degree), subject to specific admission requirements.

3. awarding **institution**

The Australian National University is a research intensive education institute established by an Act of the Australian Parliament on 1 August 1946.

For more information about The Australian National University visit www.anu.edu.au

certification

date 31 July 2020

Ariel Edge
Registrar, Student
Administration

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Graduation Statement

4. graduate's academic achievements

Master of Machine Learning and Computer Vision awarded 31 July 2020

Course Code	Course Title	Units	Mark	Grade
2019	**STATUS**			
COMP 6730	Programming for Scientists	6		STI
ENGN 6250	Professional Practice 1	6		STI
ENGN 6528	Computer Vision	6		STI
ENGN 6995	Uspecified Credit (Engineering)	24		STI
ENGN 8535	Engineering Data Analytics	6		STI
2019	**FIRST SEMESTER**			
COMP 8420	Neural Networks, Deep Learning and Bio-inspired Computing	6	63	CR
COMP 8600	Statistical Machine Learning	6	53	P
COMP 8650	Advanced Topics in Machine Learning	6	70	D
2019	**SECOND SEMESTER**			
COMP 6670	Introduction to Machine Learning	6	70	D
ENGN 8534	Information Theory	6	75	D
ENGN 8536	Advanced Topics in Mechatronics Systems	6	70	D
2020	**FIRST SEMESTER**			
ENGN 8602	Research Project	12	83	HD

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.

The Australian National University   Australian Higher Education Graduation Statement

Explanation of grades and codes

Key to grades and codes					
HD	High Distinction	80 - 100	H1	First Class Honours	80 - 100
D	Distinction	70 - 79	H2A	Second Class Honours Division A	70 - 79
CR	Credit	60 - 69	H2B	Second Class Honours Division B	60 - 69
P	Pass	50 - 59	H3	Third Class Honours	50 - 59
CRS	Course Requirements Satisfied	ungraded pass	IP	In progress (continuing course)	
PS	Pass at supplementary exam	50	KU	Continuing course	
HLP	Higher Level Performance	higher ungraded pass	EE	Enrolled elsewhere	
N	Fail	0 - 49	EXE	Exemption external (no unit value)	
NCN	Not complete/Fail	not graded	EXI	Exemption internal (no unit value)	
WD	Withdrawn without failure	not graded	RC	Research continuing	
WN	Withdrawn with failure	not graded	STE	Status external (external credit)*	
WL	Withdrawn late without failure	not graded	STI	Status internal (internal credit)*	

This explanation is current at 1 July 2011. Subsequent amendments and further details of assessment notations are available at **drss.anu.edu.au**

*Results for internal status credited to the specified award are not recorded on this Graduation Statement. Please see the graduate's Transcript of Academic Record for these results. Results for any external status credited cannot be provided by ANU.

Unit values and equivalencies

The majority of courses offered at ANU are valued at 6 units. The normal maximum load in a semester or half-year is 24 units (normally 4 courses). Undertaking 18-24 units per semester is considered a full-time study load.

ANU considers 30 European Credit Transfer System (ECTS) credits as equivalent to 24 ANU units.

Course information

Details of the syllabus for individual courses listed on this Australian Higher Education Graduation Statement may be found in the relevant University Handbook for the year indicated. Alternatively, course information may be obtained from the relevant academic area.

Semesters and sessions

Coursework programs		Research programs	
First Semester	February - June	First Semester	1 January - 30 June
Second Semester	July - November	Second Semester	1 July - 31 December
Summer Session	January - March	Quarter 1	January - March
Autumn Session	April - June	Quarter 2	April - June
Winter Session	July - September	Quarter 3	July - September
Spring Session	October - December	Quarter 4	October - December

Transcript of Academic Record

The information contained within this Australian Higher Education Graduation Statement pertains to the specified award only. For a complete history of academic results achieved at ANU, or results for courses granted as internal status, please see the graduate's Transcript of Academic Record.

Glossary of terms

Terminology	Explanation
Award	A certificate, diploma, degree, associate degree, graduate certificate or graduate diploma, conferred by the University to a person upon the completion of an academic program leading to an award, for example a Bachelor of Arts. The award is represented by a testamur and is presented to a graduate upon graduating.
Course	A discrete entity of study in a subject, normally of one semester or session in duration, identified by an alpha-numeric code. For example, 'ENGN3224 Energy Systems Engineering' is one course. Three or four courses per semester or half-year normally constitutes full-time enrolment.
Grade	A classification of achievement based on the final mark. For example a grade of High Distinction (HD) indicates a final mark between 80 and 100.
Mark	A number indicating a student's performance in an assessment activity or a course. Raw marks, which may be scaled, become final marks after approval by the Delegated Authority. Marks range from 0 to 100.
Program	A structured sequence of study, undertaken in one or more Colleges of the University, normally leading to an award. Programs are controlled by one or, in the case of combined programs, two academic authorities.
Status	Students admitted to a program at the University, or transferring between programs at the University, may be granted status (credit) in the new program on the basis of previous tertiary studies.
Unit	This is an indicator of the value of a course within the total program. Most courses are valued at 6 units.

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