THE UNIVERSITY OF SYDNEY

YUAN-SHUO KELVIN HSU
SID 311215068

OFFICIAL ACADEMIC RECORD

AWARDS

Bachelor of Engineering (Mechatronic Engineering) (Space)
Stream: Bachelor of Engineering (Mechatronic (Space)) and Bachelor of Science (Advanced Mathematics)
Conferred on 29 April 2016   Final result: Honours Class I and the University Medal

Bachelor of Science (Advanced Mathematics)
Stream: Bachelor of Engineering (Mechatronic (Space)) and Bachelor of Science (Advanced Mathematics)
Major: Mathematics
Major: Financial Mathematics and Statistics
Conferred on 29 April 2016   Final result: Pass

Doctor of Philosophy
Conferred on 27 May 2021

COURSE HISTORY

Details of Bachelor of Engineering and Bachelor of Commerce

2011 Bachelor of Engineering and Bachelor of Commerce

			Grade	Marks	Units
Semester 1					
ECOF1003	Understanding Business		CR	71.0	6.0
ELEC1103	Fundamentals of Elec and Electronic Eng		HD	96.0	6.0
MATH1902	Linear Algebra (Advanced)		HD	92.0	3.0
MATH1906	Mathematics (Special Studies Program) A		HD	94.0	3.0
MTRX1701	Mechatronics Engineering Introductory		HD	92.0	6.0
Semester 2					
AMME1550	Dynamics 1		HD	93.0	6.0
ECOF1004	The Business Environment		CR	65.0	6.0
ENGG1061	Advanced Engineering 1A		HD	87.0	6.0
ENGG1802	Engineering Mechanics		HD	98.0	6.0
MATH1903	Integral Calculus and Modelling Advanced		HD	91.0	3.0
MATH1905	Statistics (Advanced)		DI	82.0	3.0
			Course total		54.0

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THE UNIVERSITY OF
SYDNEY

YUAN-SHUO KELVIN HSU
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OFFICIAL ACADEMIC RECORD

Details of Bachelor of Engineering and Bachelor of Science

Credit from other studies

		Grade	Marks	Units
The University of Sydney				
AMME1550	Dynamics 1			6.0
ECOF1003	Understanding Business			6.0
ECOF1004	The Business Environment			6.0
ELEC1103	Fundamentals of Elec and Electronic Eng			6.0
ENGG1061	Advanced Engineering 1A			6.0
ENGG1802	Engineering Mechanics			6.0
MATH1902	Linear Algebra (Advanced)			3.0
MATH1903	Integral Calculus and Modelling Advanced			3.0
MATH1905	Statistics (Advanced)			3.0
MATH1906	Mathematics (Special Studies Program) A			3.0
MTRX1701	Mechatronic Engineering Introductory			6.0
			Credit total	54.0

2012 Bachelor of Engineering and Bachelor of Science

		Grade	Marks	Units
Semester 1				
AMME2302	Materials 1	HD	85.0	6.0
AMME2500	Engineering Dynamics	DI	83.0	6.0
ENGG1801	Engineering Computing	HD	98.0	6.0
MATH2916	Working Seminar A (SSP)	HD	93.0	3.0
MATH2961	Linear Mathematics and Vector Calculus Adv	HD	91.0	6.0
Semester 2				
ELEC2104	Electronic Devices and Circuits	HD	96.0	6.0
MATH2965	Partial Differential Equations Intro Adv	HD	95.0	6.0
MATH2970	Optimisation and Financial Mathematics Adv	HD	87.0	6.0
MTRX1702	Mechatronics 1	HD	90.0	6.0

2013 Bachelor of Engineering and Bachelor of Science
        Admitted by the Dean to the Talented Student Program

		Grade	Marks	Units
Semester 1				
ELEC3404	Electronic Circuit Design	HD	96.0	6.0
MATH3963	Differential Equations and Biomaths (Adv)	HD	91.0	6.0
MTRX2700	Mechatronics 2	DI	79.0	6.0
STAT2911	Probability and Statistical Models (Adv)	HD	92.0	6.0
Semester 2				
AERO2705	Space Engineering 1	DI	84.0	6.0
AMME2301	Mechanics of Solids	HD	91.0	6.0
ENGG3062	Technology Education (Advanced)	HD	90.0	6.0
MATH3978	PDEs and Waves (Advanced)	HD	100.0	6.0
STAT2912	Statistical Tests (Advanced)	HD	89.0	6.0

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YUAN-SHUO KELVIN HSU
SID 311215068   **OFFICIAL ACADEMIC RECORD**

2014 Bachelor of Engineering and Bachelor of Science
        Admitted by the Dean to the Talented Student Program

		Grade	Marks	Units
Semester 1				
AMME3500	System Dynamics and Control	HD	91.0	6.0
ENGG4000	Practical Experience	SR		0.0
MECH3660	Manufacturing Engineering	DI	83.0	6.0
SCTP3925	TSP Showcase Project Leader Physics	HD	93.0	3.0
STAT3911	Stochastic Processes and Time Series Adv	HD	93.0	6.0
STAT3912	Applied Linear Models (Advanced)	DI	79.0	6.0
Semester 2				
AERO3760	Space Engineering 2	DI	84.0	6.0
ENGG4064	Advanced Engineering Design A	HD	90.0	6.0
MATH3977	Lagrangian and Hamiltonian Dynamics (Adv)	HD	87.0	6.0
MTRX3700	Mechatronics 3	HD	86.0	6.0

2015 Bachelor of Engineering and Bachelor of Science
        Admitted by the Dean to the Talented Student Program

		Grade	Marks	Units
Semester 1				
AERO4701	Space Engineering 3	HD	91.0	6.0
AMME4111	Thesis A	HD	88.0	6.0
AMME5520	Advanced Control and Optimisation	HD	97.0	6.0
MECH4601	Professional Engineering 2	DI	82.0	6.0
Semester 2				
AMME4112	Thesis B	HD	88.0	6.0
MATH3969	Measure Theory and Fourier Analysis (Adv)	HD	92.0	6.0
MATH3975	Financial Mathematics (Advanced)	HD	86.0	6.0
STAT3013	Statistical Inference	HD	97.0	6.0
		Course total		258.0

Details of Doctor of Philosophy
Department: Computer Science
Thesis title: Bayesian Perspectives on Conditional Kernel Mean Embeddings: Hyperparameter
Learning and Probabilistic Inference

2016 Doctor of Philosophy

		Grade	Marks	Units
INFO5993	IT Research Methods	HD	86.0	6.0

2017 Doctor of Philosophy

2018 Doctor of Philosophy

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YUAN-SHUO KELVIN HSU
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OFFICIAL ACADEMIC RECORD

2019 Doctor of Philosophy

2020 Doctor of Philosophy

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THE UNIVERSITY OF
SYDNEY

YUAN-SHUO KELVIN HSU
SID 311215068

OFFICIAL ACADEMIC RECORD

PRIZES AND SCHOLARSHIPS BASED ON ACADEMIC RESULTS

ACADEMIC PRIZES

2011 Bachelor of Engineering and Bachelor of Commerce
      Awarded the Dean's List of Excellence in Academic Performance and
      Awarded the University of Sydney Academic Merit Prize

2012 Bachelor of Engineering and Bachelor of Science
      Awarded the Dean's List of Excellence in Academic Performance and
      Awarded the University of Sydney Academic Merit Prize and
      Awarded the The University of Sydney Merit Scholarship

2013 Bachelor of Engineering and Bachelor of Science
      Awarded the Dean's List of Excellence in Academic Performance and
      Awarded the University of Sydney Academic Merit Prize and
      Awarded the The University of Sydney Merit Scholarship

2014 Bachelor of Engineering and Bachelor of Science
      Awarded the Dean's List of Excellence in Academic Performance and
      Awarded the University of Sydney Academic Merit Prize and
      Awarded the The University of Sydney Merit Scholarship and
      Awarded the School of Information Technology Summer Scholarship

2015 Bachelor of Engineering and Bachelor of Science
      Awarded the Dean's List of Excellence in Academic Performance and
      Awarded the University of Sydney Academic Merit Prize and
      Awarded the The University of Sydney Merit Scholarship and
      Awarded the School of Information Technology Summer Scholarship

2016 Doctor of Philosophy
      Awarded the Australian Postgraduate Awards (Full Time) and
      Awarded the University of Sydney Supplementary Research Scholarship and
      Awarded the University of Sydney Postgraduate Merit Award

2017 Doctor of Philosophy
      Awarded the University of Sydney Supplementary Research Scholarship and
      Awarded the University of Sydney Postgraduate Merit Award and
      Awarded the Research Training Program Stipend (Full Time)

2018 Doctor of Philosophy
      Awarded the University of Sydney Supplementary Research Scholarship and
      Awarded the University of Sydney Postgraduate Merit Award and
      Awarded the Research Training Program Stipend (Full Time)

2019 Doctor of Philosophy
      Awarded the University of Sydney Supplementary Research Scholarship and
      Awarded the University of Sydney Postgraduate Merit Award and
      Awarded the Research Training Program Stipend (Full Time)

Professor Philippa Pattison AO
Deputy Vice-Chancellor (Education)
27 May 2021

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End of Transcript.

GRADING

85 and over	High Distinction
75 to 84	Distinction
65 to 74	Credit
50 to 64	Pass

RESULT CODE	DESCRIPTION
1H	Honours Class I
1M	Honours Class I and University Medal
2L	Honours Class II, Division 2
2U	Honours Class II, Division 1
3H	Honours Class III
AF	Absent - Fail
AX	Absent - Fail, Supplementary Examination Awarded
CA	Credit (Aegrotat)
CP	Concessional Pass
CR	Credit
DA	Distinction (Aegrotat)
DC	Discontinued - Not To Count As Failure
DF	Discontinued - Fail
DI	Distinction
DP	Discontinued With Permission
DS	Discontinued
EX	Exempt
FA	Fail
FP	Fail, May Proceed
FR	Failed Requirements
FS	Fail - Concessional Supplementary Examination
HD	High Distinction
HS	Highly Satisfactory
IC	Incomplete
IE	Ineligible
J2	Incomplete
K1	Equivalent To Honours Class I
K2	Equivalent To Honours Class II, Division 1

RESULT CODE	DESCRIPTION
K3	Equivalent To Honours Class II, Division 2
K4	Equivalent To Honours Class III
M2	Honours Class I and University Medal (Shared)
NE	Not Examinable
OU	Outstanding
PA	Pass (Aegrotat)
PC	Pass With Credit
PH	Pass At Honours Level
PM	Pass With Merit
PN	Pass (Concessional)
PS	Pass
PX	Pass (A, B, C scale)
PY	Pass (A, B, C scale)
PZ	Pass (A, B, C scale)
RI	Incomplete
SA	Satisfactory
SC	Supplementary Examination To Count As Annual
SR	Satisfied Requirements
SU	Fail - Supplementary Examination Awarded
TC	Terminating Pass (Concessional)
TO	Terminating Pass, Optional Supplementary Examination
TP	Terminating Pass
TS	Terminating Pass, Supplementary Examination (Concessional)
UC	Unit of Study Continuing
US	Unsatisfactory

Weighted Average Mark – is a whole-of-degree mark calculated as per Schedule 3 of the University of Sydney Coursework Policy (https://sydney.edu.au/policies/)

Converted Weighted Average Mark – is a whole-of degree mark calculated as per Schedule 3 of the University of Sydney Coursework Policy (https://sydney.edu.au/policies/)

The Academic Board Guideline – Grade Descriptors list the various codes that are in use or have historically been used for student results (https://www.sydney.edu.au/about-us/governance-and-structure/university-calendar.html)