

# UNIVERSITY OF TASMANIA

## Academic Transcript

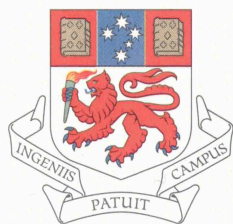
As At: 08/08/2016

**Student:** 077214 Doctor Nicholas Charles Ham

**Date of Birth:** 6/09/1988

			Credit Points	Mark	Grade
<b>2007</b>	<b>Bachelor of Computing and Bachelor of Economics</b>				
	Summer school				
	XAA001	UniStart Program			XE
	Semester 1				
	BEA110	Economics for Business	12.5	76	DN
	BEA240	Quantitative Economic Analysis	12.5	77	DN
	KXT101-A	Programming and Problem Solving	12.5	62	CR
	KXT103-A	Introduction to Systems	12.5	63	CR
<b>2007</b>	<b>Bachelor of Economics and Bachelor of Science</b>				
	Semester 2				
	BEA130	Foundations of Economic Policy	12.5	75	DN
	BEA140	Quantitative Methods	12.5	86	HD
	BEA235	Thinking Strategically: The Competitive Edge	12.5	94	HD
	KXT102	Programming with Data Structures	12.5	75	DN
	KXT204-A	Operating Systems	12.5	76	DN
<b>2008</b>	<b>Bachelor of Economics and Bachelor of Science</b>				
	Summer school				
	BFA281-A	Financial Management	12.5	81	HD
	Semester 1				
	BEA200	Intermediate Microeconomics	12.5	82	HD
	BEA202	International Economics	12.5	75	DN
	BEA242	Introduction to Econometrics	12.5	81	HD
	KMA152	Calculus and Applications 1A	12.5	67	CR
	KXT201	Algorithms	12.5	80	HD
	Semester 2				
	BEA220	Intermediate Macroeconomics	12.5	76	DN
	BEA305	Industrial Organisation	12.5	73	DN
	HPA394-A	The Logic of Decision	12.5	82	HD
	KMA154	Calculus and Applications 1B	12.5	62	CR
	KXT306-A	Artificial Intelligence	12.5	84	HD
<b>2009</b>	<b>Bachelor of Economics and Bachelor of Science</b>				





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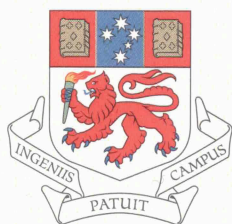
Student: 077214 Doctor Nicholas Charles Ham

Date of Birth: 6/09/1988

		Credit Points	Mark	Grade
<b>2009</b>	<b>Bachelor of Economics and Bachelor of Science (Cont.)</b>			
	Semester 1			
	BEA320 Macroeconomic Theory and Policy	12.5	83	HD
	KMA251 Algebra and Applications 2	12.5	63	CR
	KMA252 Calculus and Applications 2	12.5	72	DN
	KMA255 Operations Research 2	12.5	74	DN
	KXT311-B Data Mining & Text Retrieval	12.5	85	HD
	Winter school			
	KXT312-A Advanced Algorithmic Problem Solving & Programming	12.5	75	DN
	Semester 2			
	BEA300 Microeconomic Theory and Policy	12.5	74	DN
	BEA342 Econometrics	12.5	64	CR
	KMA254 Differential Equations, Linear Algebra & Applications 2	12.5	72	DN
	KMA315 Real and Complex Analysis 3	12.5	63	CR
<b>2010</b>	<b>Bachelor of Economics and Bachelor of Science</b>			
	Semester 1			
	BEA400 Microeconomics		88	HD
	KMA350 Computational Techniques 3	12.5	88	HD
	KMA351 Algebra and Applications 3	12.5	71	DN
	KMA381 Calculus of Variations	12.5	80	HD
	Semester 2			
	KMA352 Analysis 3	12.5	76	DN
	KMA354 Partial Differential Equations, Applications and Methods 3	12.5	55	PP
	KMA356 Principles of Statistics 3	12.5	62	CR
	KMA357 Topics in Advanced Mathematics 3	12.5	93	HD
	KXT304-A Computer Graphics & Animation	12.5	53	PP
<b>2011</b>	<b>Bachelor of Science with Honours</b>			
	Semester 1			
	KMA408 Mathematics Honours F/T	50		XX
	Semester 2			
	KMA408 Mathematics Honours F/T	50	76	HU
<b>2012</b>	<b>Doctor of Philosophy, Physical Science</b>			
	Semester 1 and Semester 2			
	KYA900-P Doctor of Philosophy (Physics)			WW







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				Credit Points	Mark	Grade	
2012	Doctor of Philosophy, Science						
	Semester 1 and Semester 2						
	KMA900-P	Doctor of Philosophy (Mathematics)				XE	
2012	Graduate Certificate in Research						
	Summer school						
	XGR501	Introduction to Higher Degree by Research			12.5	UP	
	Semester 1						
	KMA305	Probability Models 3			12.5	87	HD
	XGR502	Communicating Research			12.5		UP
2013	Doctor of Philosophy, Science						
	Semester 1 and Semester 2						
	KMA900-P	Doctor of Philosophy (Mathematics)				XE	
2014	Doctor of Philosophy, Science						
	Research Period 1						
	KMA900-P	Doctor of Philosophy (Mathematics)				XE	
	Research Period 2						
	2014	Research Period 2	KMA900	Doctor of Philosophy (Mathematics)		Enrolled	
	2015	Research Period 1	KMA900	Doctor of Philosophy (Mathematics)	Research continuing		
		Research Period 2	KMA900	Doctor of Philosophy (Mathematics)	Under Examination		
	2016	Research Period 1	KMA900	Doctor of Philosophy (Mathematics)		Completed	
	Commenced: 01 Jul 2014						
	Thesis submitted and under examination: 23 Dec 2015						

**Credit Granted Graduate Certificate in Research**  
General Advanced Standing

12.5

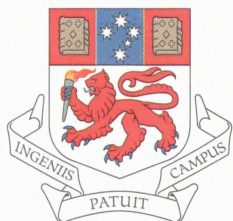
2007: Granted credit for the Bachelor of Economics and Bachelor of Science:  
KXT101 Programming and Problem Solving;  
representing 12.5% of year 1 of the course on the basis of study within BComp-BEc at University of Tasmania in 2007.

### Area of Study

Bachelor of Economics and Bachelor of Science: Analytical Economics/Applied Computing/Mathematics

Bachelor of Science with Honours: Mathematics





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As At: 08/08/2016

**Student:** 077214 Doctor Nicholas Charles Ham

**Date of Birth:** 6/09/1988

**Credit Points      Mark      Grade**

### Awards Granted

Conferred on 15 Dec 2010 - Bachelor of Economics and Bachelor of Science

Conferred on 12 Dec 2011 - Bachelor of Science with Second Class Honours Upper Division in the name of Nick Ham

### Courses Completed

Qualified on 26 May 2016 for the Doctor of Philosophy, Science

Thesis Title: The Planar Modular Partition Monoid

Qualified on 30 May 2016 for the Graduate Certificate in Research

### Awards, Scholarships and Prizes

2008 Placed on the Dean's Roll of Excellence for the Faculty of Business for 2008.

2009 Awarded Faculty of Science, Engineering & Technology Deans Summer Research Scholarship

### Additional Details

2007 Three course codes 2007: Semester 3 undertook XAA001 under the UNISTART course.

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**End of Academic Record**  
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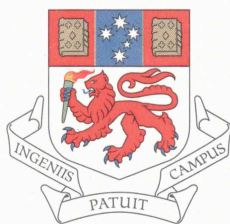
Authorised Certifying Officer

Brett Harris  
Executive Director, Student Operations

**Date issued:** 08/08/2016







## Legend of Results

Code	Description		
<b>Pass/Fail Result Grades</b>			
HD	High Distinction	FP	Faculty Pass
DN	Distinction	FS	Faculty Pass - Supplementary Exam Granted
CR	Credit	NN	Failure
PP	Pass	NE	Not Eligible
UP	Ungraded Pass - awarded in Pass/Fail subjects	AN	Absent Deemed Failed
TP	Terminating Pass		
<b>Other Grades</b>			
DO	Deferred Ordinary Examination	XE	Unit Not Examined
NC	Subject Not Completed - result in subsequent unit	EX	Exemption Granted
ND	Non-degree - for interest only	IC	Interim Completion
XX	Result in another unit		
<b>Withdrawal Grades</b>			
WW	Withdrawn Without Academic Penalty		
WN	Withdrawn Deemed Failed		
<b>Honours Grades</b>			
HF	Honours - First Class	HT	Honours - Third Class
HU	Honours - Second Class Upper Division (70-79%)	HN	Honours - Failure
HL	Honours - Second Class Lower Division (60-69%)	HO	Honours [ungraded]
<b>Postgraduate Degree Grades</b>			
PA	Pass	ZZ	Enrolment Suspended
FF	Fail	WL	Withdrawn Lapsed
TT	Thesis Submitted	WD	Withdrawn Terminated
VIV3	Vary Enrolment/Course		
<b>UTAS Access Grades</b>			
EL5	Overall Score 90-100	EL2	Overall Score 60-69
EL4	Overall Score 80-89	EL1	Further Skill(s) required
EL3	Overall Score 70-79	EL0	Skill(s) Sufficient to Progress
<b>Results from Tasmania State Institute of Technology</b>			
<i>Formerly Tasmanian College of Advanced Education, prior to merger with University of Tasmania in 1991.</i>			
KP	Conceded Pass	NT	Technical Failure - all work not completed
NA	Not Assessable	EX	Exempt - student given credit for this unit
WM	Result Deferred - pending further assessment	KU	Studying
DE	Deferred Exam		
<b>Results from the Australian Maritime College prior to 2008</b>			
4P	Pass Conceded	1F	Fail
NA	Not Assessable	2F	Fail - Did not participate
EX	Exempt	3F	Fail - Did not complete
CN	Not Yet Competent	4F	Fail - Did not sit
CO	Competent	2W	Fail - Late withdrawal
WD	Withdrawn		

### Graduation Verification Service

To verify the authenticity of the qualifications awarded on this transcript, you can utilise the UTAS Graduation Verification Service on the web at <https://www.studentcentre.utas.edu.au/GraduationVerification/>

