

UNIVERSITY OF TASMANIA

Academic Transcript

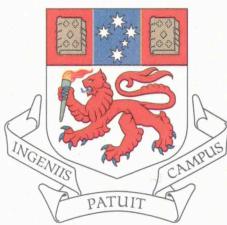
As At: 08/08/2016

Student: 077214 Doctor Nicholas Charles Ham

Date of Birth: 6/09/1988

| | | | Credit Points | Mark | Grade |
|-------------|--|--|---------------|------|-------|
| 2007 | Bachelor of Computing and Bachelor of Economics | | | | |
| | 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 |
| 2007 | Bachelor of Economics and Bachelor of Science | | | | |
| | 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 |
| 2008 | Bachelor of Economics and Bachelor of Science | | | | |
| | 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 |
| 2009 | Bachelor of Economics and Bachelor of Science | | | | |





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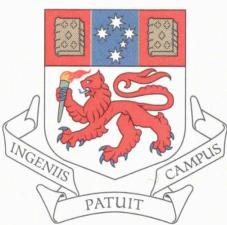
As At: 08/08/2016

Student: 077214 Doctor Nicholas Charles Ham

Date of Birth: 6/09/1988

| | | | Credit Points | Mark | Grade |
|------|--|--|---------------|------|-------|
| 2009 | Bachelor of Economics and Bachelor of Science (Cont.) | | | | |
| | 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 |
| 2010 | Bachelor of Economics and Bachelor of Science | | | | |
| | 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 |
| 2011 | Bachelor of Science with Honours | | | | |
| | Semester 1 | | | | |
| | KMA408 | Mathematics Honours F/T | 50 | | XX |
| | Semester 2 | | | | |
| | KMA408 | Mathematics Honours F/T | 50 | 76 | HU |
| 2012 | Doctor of Philosophy, Physical Science | | | | |
| | Semester 1 and Semester 2 | | | | |
| | KYA900-P | Doctor of Philosophy (Physics) | | | WW |





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Date of Birth: 6/09/1988

| | | | 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 Semester 1 KMA305 Probability Models 3 XGR502 Communicating Research | | 12.5 | 87 | UP HD |
| 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) Research Period 2 2014 Research Period 2 KMA900 Doctor of Philosophy (Mathematics) 2015 Research Period 1 KMA900 Doctor of Philosophy (Mathematics) Research Period 2 KMA900 Doctor of Philosophy (Mathematics) 2016 Research Period 1 KMA900 Doctor of Philosophy (Mathematics) | | | | Enrolled Research continuing Under Examination 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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|--|---------------|------|-------|

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.

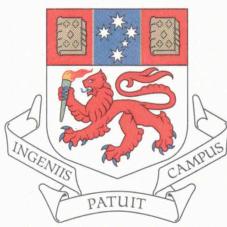
End of Academic Record

Authorised Certifying Officer

Brett Harris
Executive Director, Student Operations

Date issued: 08/08/2016





Legend of Results

Code Description

Pass/Fail Result Grades

| | | | |
|----|---|----|---|
| 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 | | |

Other Grades

| | | | |
|----|---|----|--------------------|
| 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 | | |

Withdrawal Grades

| | |
|----|------------------------------------|
| WW | Withdrawn Without Academic Penalty |
| WN | Withdrawn Deemed Failed |

Honours Grades

| | | | |
|----|--|----|-----------------------|
| 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] |

Postgraduate Degree Grades

| | | | |
|-------|-----------------------|----|----------------------|
| PA | Pass | ZZ | Enrolment Suspended |
| FF | Fail | WL | Withdrawn Lapsed |
| TT | Thesis Submitted | WD | Withdrawn Terminated |
| VI/V3 | Vary Enrolment/Course | | |

UTAS Access Grades

| | | | |
|-----|----------------------|-----|---------------------------------|
| EL5 | Overall Score 90-100 | EL2 | Overall Score 60-69 |
| EL4 | Overall Score 80-89 | EL1 | Futher Skill(s) required |
| EL3 | Overall Score 70-79 | EL0 | Skill(s) Sufficient to Progress |

Results from Tasmania State Institute of Technology

Formerly Tasmanian College of Advanced Education, prior to merger with University of Tasmania in 1991.

| | | | |
|----|--|----|---|
| 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 | | |

Results from the Australian Maritime College prior to 2008

| | | | |
|----|-------------------|----|----------------------------|
| 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/>

