

List of Successful Transfer of Credits from Overseas Exchange Programmes, 2014-2017

(Last Update on 1 December 2017)

Remark: The list is for reference only. Students should submit official application for course & unit exemptions, together with course outlines and official transcripts, to the Registration & Examinations Section via CUSIS after completion of the exchange programme. Final decision will rest on the department concerned.

Host Institution			CUHK		
Course Code	Course Title	Units	Course Code	Course Title	Units
American University of Sharjah					
MTH102	Mathematics for Business II	3	MATH1010	University Mathematics	3
Baylor University					
CS113	Introduction to Computing	4	MATH2221	Mathematics Laboratory II	2
ECO4319	Game Theory	3	UGEB2530	Games and Strategic Thinking	3
MATH124	Abstract Mathematics II	4	MATH EXEMPT	MATH EXEMPT	3
MATH213	Advanced Calculus I	3	MATH2050	Mathematical Analysis I	3
MATH240	Differential Equations	3	MATH EXEMPT	MATH EXEMPT	3
MATH253	Introduction to Number Theory	3	MATH3080	Number Theory	3
Columbia University In The City Of New York					
MATHGR5010	Intro to The Math of Finance	3	MATH4210	Financial Mathematics	3
Dartmouth College					
MATH8	Calc Func One/Sev Variable	0	MATH2010	Advanced Calculus I	3
MATH13	Calc of Vector-Valued Fctns	0	MATH2020	Advanced Calculus II	3
Georgetown University					
MATH137	Multivariable Calculus	4	MATH2010	Advanced Calculus I	3
MATH201	Ordinary Differential Equation	3	MATH3270	Ordinary Differential Equations	3
Georgia Institute of Technology					
MATH2551	Multivariable Calculus	4	MATH2020	Advanced Calculus II	3
Hanyang University					
	Numerical Analysis	3	MATH3230	Numerical Analysis	3
KIMEP University					
GEN1201/ECN1201	Mathematics for Business and Economics	3	MATH1520	University Mathenatics for Applications	3
McGill University					
MATH222	Calculus 3	3	MATH2010	Advanced Calculus I	3
MATH447	Intro. to Stochastic Processes	3	MATH4240	Stochastic Processes	3

Host Institution			CUHK		
Course Code	Course Title	Units	Course Code	Course Title	Units
National Chiao Tung University					
	Calculus (I)	4	MATH1010	University Mathematics	3
National University of Singapore					
MA1104	Multivariable Calculus	4	MATH2010	Advanced Calculus I	3
MA2108	Mathematical Analysis I	4	MATH2050	Mathematical Analysis I	3
MA2213	Numerical Analysis I	4	MATH3230	Numerical Analysis	3
MA3110	Mathematical Analysis II	4	MATH2060	Mathematical Analysis II	3
MA3111	Complex Analysis I	4	MATH2230	Complex Variables with Applications	3
MA3238	Stochastic Processes I	4	MATH4240	Stochastic Processes	3
MA4221	Partial Differential Equations	4	MATH4220	Partial Differential Equations	3
MA4264	Game Theory	4	MATH4250	Game Theory	3
Stony Brook University					
MAT303	Calculus IV with Applications	4	MATH EXEMPT	MATH EXEMPT	3
The Australian National University					
MATH2305	Applied Mathematics I	6	MATH3270	Ordinary Differential Equations	3
MATH3116	Advanced Analysis 1: Metric Spaces and Applications	6	MATH3060	Mathematical Analysis III	3
MATH3320	Advanced Analysis 2: Topology, Lebesgue Integration and Hilbert Spaces	6	MATH4050	Real Analysis	3
MATH3345	Advanced Algebra 2: Field Extensions and Galois Theory	6	MATH3040	Algebra II	3
The Pennsylvania State University					
MATH411	Ordinary Diff Eqs	3	MATH3270	Ordinary Differential Equations	3
STAT416	Stoch Modeling	3	MATH4240	Stochastic Processes	3
The University of Auckland					
MATHS320	Algebraic Structures	15	MATH2070	Algebraic Structures	3
MATHS333	Analysis in Higher Dimensions	15	MATH3060	Mathematical Analysis III	3
MATHS363	Advanced Modelling and Computation	15	MATH3290	Mathematical Modeling	3

Host Institution			CUHK		
Course Code	Course Title	Units	Course Code	Course Title	Units
The University of British Columbia					
MATH104	Differential Calculus with Applications to Commerce and Social Sciences	3	MATH1520	University Mathematics for Applications	3
MATH215	Elementary Differential Equations I	3	MATH3270	Ordinary Differential Equations	3
MATH223	Linear Algebra	3	MATH2040	Linear Algebra II	3
MATH227	Advanced Calculus II	3	MATH2020	Advanced Calculus II	3
MATH257	Partial Differential Equations	3	MATH4220	Partial Differential Equations	3
MATH300	Introduction to Complex Variables	3	MATH2230	Complex Variables with Applications	3
MATH302	Introduction to Probability	3	MATH3280	Introductory Probability	3
MATH318	Probability with Physical Applications	3	MATH3280	Introductory Probability	3
MATH320	Real Variables I	3	MATH2050	Mathematical Analysis I	3
MATH340	Introduction to Linear Programming	3	MATH3210	Linear Programming	3
MATH420	Real Analysis I	3	MATH4050	Real Analysis	3
MATH437	Number Theory	3	MATH3080	Number Theory	3
The University of North Carolina at Chapel Hill					
MATH521	Advanced Calculus I	3	MATH2060	Mathematical Analysis II	3
MATH534	Ele of Mod Algebra	3	MATH2070	Algebraic Structures	3
STOR435	Intro To Probabil	3	MATH3280	Introductory Probability	3
The University of North Carolina at Greensboro					
MAT390	Ordinary Differential Equatns	3	MATH3270	Ordinary Differential Equations	3
The University of Texas at Austin					
M339W	Fincl Math for Actuarl Applics	3	MATH4210	Financial Mathematics	3
The University of Warwick					
EC133-15	Linear Algebra	0	MATH1030	Linear Algebra I	3
The University of York					
MAT00008I	Linear Algebra	20	MATH2040	Linear Algebra II	3
Universite de Geneve					
	Microeconomics II	6	UGEB2530	Games and Strategic Thinking	3
University College Dublin					
MATH20270	Theory of Games	5	UGEB2530	Games and Strategic Thinking	3
University of Aberdeen					
MA2507	Advanced Calculus	15	MATH2010	Advanced Calculus I	3

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Course Code	Course Title	Units	Course Code	Course Title	Units
University of California, Berkeley					
MATH104	Intro to Analysis	4	MATH2050	Mathematical Analysis I	3
MATH113	Abstract Algebra	4	MATH2070	Algebraic Structures	3
MATH128A	Numerical Analysis	4	MATH3230	Numerical Analysis	3
MATH185	Complex Analysis	4	MATH2230	Complex Variables with Applications	3
University of California, Davis					
MATH021M	Accel Calculus	5	MATH1020	General Mathematics	3
University of California, Irvine					
ECON116A	Game Theory I	4	UGEB2530	Games and Strategic Thinking	3
MATH105A	Numerical Analysis	4	MATH3230	Numerical Analysis	3
MATH176	Math of Finance	4	MATH4210	Financial Mathematics	3
MATH2D	Multivar Calculus	4	MATH2010	Advanced Calculus I	3
University of California, Los Angeles					
MATH32A	Calc of SevrI Var	4	MATH2010	Advanced Calculus I	3
MATH33B	Differntl Equations	4	MATH3270	Ordinary Differential Equations	3
University of Essex					
MA303	Ordinary Differential Equations	15	MATH3270	Ordinary Differential Equations	3
University of Gothenburg					
MMG511	Ordinary Differential Equations and Mathematical Modelling	7.5	MATH3270	Ordinary Differential Equations	3
University of Groningen					
WIKR-06	Probability Theory	5	MATH3280	Introductory Probability	3
University of Illinois at Urbana–Champaign					
MATH241	Calculus III	4	MATH2020	Advanced Calculus II	3
University of Liverpool					
MATH262	Financial Mathematics II	15	MATH4210	Financial Mathematics	3
University of Miami					
MTH211	Calculus III	3	MATH2010	Advanced Calculus I	3
University of Michigan					
MATH214	App Linear Algebra	4	MATH1030	Linear Algebra I	3
MATH316	Differential Equatn	3	MATH3270	Ordinary Differential Equations	3
MATH423	Math of Finance	3	MATH4210	Financial Mathematics	3

Host Institution			CUHK		
Course Code	Course Title	Units	Course Code	Course Title	Units
University of Oulu					
031025A	Introduction to Optimization	5	MATH4230	Optimization Theory	3
University of Pennsylvania					
MATH115	Calculus II Prob&Matric	1	MATH2010	Advanced Calculus I	3
MATH340	Discrete Mathematics I	1	MATH3250	Discrete Mathematics	3
MATH410	Complex Analysis	1	MATH2230	Complex Variables with Applications	3
MATH420	Ordinary Differ Equation	1	MATH3270	Ordinary Differential Equations	3
MATH460	Topology	1	MATH3070	Introduction to Topology	3
MATH508	Advanced Analysis	1	MATH2050	Mathematical Analysis I	3
STAT430	Probability	1	MATH3280	Introductory Probability	3
University of South Carolina					
MATH 344	COL Applied Linear Algebra	3	MATH1550	Method of Matrices and Linear Algebra	3
University of Southampton					
MATH2013	Introduction to Operational Research	15	MATH3220	Operation Research and Logistics	3
MATH3018	Numerical Methods	15	MATH3240	Numerical Methods for Differential Equations	3
University of Southern California					
MATH-407	Probability Theory	4	MATH3280	Introductory Probability	3
University of St. Gallen					
4252	Stochastic Methods in Finance	3	MATH4210	Financial Mathematics	3
University of Toronto					
MAT244H1	Ordinary Diff Equat	0.5	MATH3270	Ordinary Differential Equations	3
MAT315H1	Intro Number Theory	0.5	MATH3080	Number Theory	3
MAT327H1	Intro to Topology	0.5	MATH3070	Introduction to Topology	3
MATB41H3	Techniques of the Calculus of Several Variables I	0.5	MATH2010	Advanced Calculus I	3
University of Washington					
AMATH383	Introduct Modeling	3	MATH3290	Mathematical Modeling	3
MATH327	Intro Real Anlys I	3	MATH2050	Mathematical Analysis I	3
University of Waterloo					
PMATH365	Differential Geometry	0.5	MATH4030	Differential Geometry	3
PMATH450	Lebesgue Integration and Fourier Analysis	0.5	MATH4050	Real Analysis	3

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Warsaw School of Economics					
121431-1139	Introduction to Game Theory	3	UGEB2530	Games and Strategic Thinking	3
Wuhan University					
	Advanced Mathematics B1	5	MATH1010	University Mathematics	3
	Linear Algebra (C)	3	MATH1030	Linear Algebra I	3

Course Exemption under Advanced Standing

Public Examination	Qualification	CUHK		
		Course Code	Course Title	Units
International Baccalaureate (IB) Higher Level (HL) / Standard Level (SL)	Grade 5 or above in Mathematics (HL)	MATH1520	University Mathematics for Applications	3
GCE-Advanced Level (AL) / GCE-Advanced Subsidiary Level (ASL) / International Advanced Level (IAL)	Grade B or above in Further Mathematics (AL)	MATH1520	University Mathematics for Applications	3
Cambridge Pre-U	Grade M2 or above in Further Mathematics (Principal course)	MATH1520	University Mathematics for Applications	3
Hong Kong Advanced Level (HKALE)	Grade B or above in Pure Mathematics (AL)	MATH1520	University Mathematics for Applications	3
Advanced Placement (AP)	Grade 4 or above in Calculus AB/BC	MATH1520	University Mathematics for Applications	3