

The Hong Kong University of Science and Technology  
**School of Business and Management**  
 An Example on Student's Pathway (as of 2 August 2021)

|<< **Declaration of major**

School:		School of Business and Management		Student's Pathways (i.e. Study Pattern)										Remarks
Department:		Department of Finance		Pathway 1										
Program:		BSc in Quantitative Finance		Background: HKDSE 4 Core + 2 Elec Profile: Normative										
Course Offering Dept (course code prefix)	Course Code	Course Title / Courses List	Credits	Year 1 Fall	Year 1 Spring	Year 2 Fall	Year 2 Spring	Year 3 Fall	Year 3 Spring	Year 4 Fall	Year 4 Spring	Sub-total		
<b>School Requirements</b>														
FINA	2303	Financial Management	3		3							3		
ACCT	2010	Principles of Accounting I	3	3								3		
ECON	2103	Note: ECON 2103 OR ECON 2113 Principles of Microeconomics	3	[3]	3							3		
ECON	2113	Microeconomics	3											
ECON	2123	Note: ECON 2123 OR ECON 3123 (Students who wish to pursue BSc ECOF must take ECON 3123) Macroeconomics	3			3						3		
ECON	3123	Macroeconomic Theory I	3											
ISOM	2010	Introduction to Information Systems	3		3							3		
ISOM	2500	Business Statistics	3	3								3		
MGMT	2010	Business Ethics and the Individual	2		2							2		
MGMT	2130	Business Ethics and Social Responsibility	2					2	[2]			2		
SBMT	1111	Business Student Induction	0	0								0		
LABU	2040	Business Case Analyses	3			3						3		
LABU	2060	Effective Communication in Business	3				3					3		
MATH	1003	Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023 Calculus and Linear Algebra	3-4											
MATH	1012	Calculus IA	4	3								3		
MATH	1013	Calculus IB	3											
MATH	1020	Accelerated Calculus	4											
MATH	1023	Honors Calculus I	3											
<b>Required credits for School Requirements</b>			31-32									31		
<b>Major Requirements</b>														
<b>Major Required Courses and Electives</b>														
FINA	2101	Introduction to Finance	1			1						1		
FINA	3103	Intermediate Investments	3			3						3		
FINA	3203	Derivative Securities	3				3					3		
FINA	3303	Intermediate Corporate Finance	3					3				3		
FINA	3810	Bloomberg Market Concepts Certification	0			0						0		
FINA	4803	Quantitative Trading	3							3		3		
ECON	3334	Introduction to Econometrics	4				4					4		
ISOM	3230	Business Applications Programming	3			3						3		
COMP	1029P	Python Programming Bridging Course	1				1					1		
MATH	1014	Note: MATH 1014 OR MATH 1024 (Students taken MATH 1020 to fulfill the School Requirements may be exempted from this requirement) Calculus II	0-3				3					3		
MATH	1024	Honors Calculus II	3											
MATH	2011	Note: MATH 2011 OR MATH 2023 Introduction to Multivariable Calculus	3-4					3				3		
MATH	2023	Multivariable Calculus	4											
QFIN		Restricted Electives (Courses from the specified elective list, of which at least 3 credits from Area A, at least 6 credits from Area B, and at least 9 credits from Area C)	18						6	6	6	18		
<b>Required credits for Major Required Courses and Electives</b>			42-46									45		
<b>University CORE</b>														
CORE	C3 - C12	U CORE - Others	30	3		3		6	6	6	6	30		
CORE	C1 & C2	U CORE - English Language	6	3	3							6		
<b>Sub-total for University CORE</b>			36									36		
Term load (excl. free credits)														
				15	14	16	14	14	12	12	15			
112#														

Notes:

[ ] denotes the course is also offered in other terms as indicated and students may take the course in one of these terms subject to advice by the program office.

# To graduate, students should complete at least 120 credits in approved courses. They may need to take courses additional to the required and elective courses as specified above to meet this minimum credit requirement.

>> The content of this example is not necessarily equivalent to a complete list of graduation requirements of the program. Students should refer to the Program Catalog/UG Curriculum Handbook for updated graduation requirements. For up-to-date information on course offering and scheduling, students should check it out from respective School and Department.