The Hong Kong University of Science and Technology

EEGBM 2018-19 Intake

Interdisciplinary Programs Office

An Example on Student's Pathway (As of Summer 2019-20)

<< *Declaration of major*

School:		**School of Engineering and School of Business Management**		Student's Pathways (i.e. Study Pattern)											
Department:				Pathway 1											**Remarks**
Program:		**Dual Degree Program (BEng in Electronic Engineering and BBA in General Business Management)**		Background: HKDSE 4 Core + 2 Elec (incl. 1/2x PHYS) Profile: Normative Students to graduate in (Beng & BBA) EEGBM											
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	Year 5 Fall	Year 5 Spring	**Sub-total**	
BEng in Electronic Engineering															
Major Requirements															
Engineering Fundamental Courses															
ELEC/MATH		Note: (ELEC2600 OR ELEC2600H) OR MATH2011 OR MATH2111 OR MATH2350 OR MATH 2351 (3 courses out of 6)	9-10												
ELEC	2600	Probability and Random Processes in Engineering	4												
ELEC	2600H	Honors Probability and Random Processes in Engineering	4			3	3	3						9	
MATH	2011	Introduction to Multivariable Calculus	3												
MATH	2111	Matrix Algebra and Applications	3												
MATH	2350	Applied Linear Algebra and Differential Equations	3												
MATH	2351	Introduction to Differential Equations	3												
COMP		Note: COMP1021 OR COMP1022P	3												
COMP	1021	Introduction to Computer Science	3			3								3	This course will also be used to substitute ISOM 2010
COMP	1022P	Introduction to Computing with Java	3												
COMP	2011	Programming with C++	4		4									4	
ENGG	1010	Academic Orientation	0	0	0									0	
LANG	2030	Technical Communication I	3						3					3	
MATH		Note: [(MATH1012 OR MATH1013 OR MATH1023) AND (MATH1014 OR MATH1024)] OR [MATH1020]	4-7												
MATH	1012	Calculus IA	4												
MATH	1013	Calculus IB	3												
MATH	1014	Calculus II	3	3	3									6	
MATH	1020	Accelerated Calculus	4												
MATH	1023	Honors Calculus I	3												
MATH	1024	Honors Calculus II	3												
PHYS		Note: PHYS1112 OR PHYS1312	3												
PHYS	1112	General Physics I with Calculus	3	3										3	
PHYS	1312	Honors General Physics I	3												
PHYS		Note: PHYS1114 OR PHYS1154 OR PHYS1314	3												
PHYS	1114	General Physics II	3		3									3	
PHYS	1314	Honors General Physics II	3												
SENG		Engineering Introduction course (If the students take an introduction course included in their major, this course can be counted towards their major requirement.)	3-4		(3)									3	
		Required credits for Engineering Fundamental Courses	28-34											34	
Major Required Courses and Electives															
ELEC	1100	Introduction to Electro-Robot Design	4			4								4	
ELEC	1200	A System View of Communications: from Signals to Packets	4				4							4	
ELEC		ELEC2100 OR ELEC2100H	4												
ELEC	2100	Signals and Systems	4							4				4	
ELEC	2100H	Honors Signals and Systems	4												
ELEC	2350	Introduction to Computer Organization and Design	4							4				4	
ELEC	2400	Electronic Circuits	4						4					4	
ELEC	2910	Academic and Professional Development I	0			0	0							0	
ELEC	3910	Academic and Professional Development II	0					0	0					0	
ELEC		Note: (ELEC4900 AND ELEC2991) OR (ELEC4901 AND ELEC2991) OR ELEC4910 (Students taking the Research Option must take ELEC 4901)	6												
ELEC	4900	Final Year Design Project	6									3	3	6	
ELEC	4901	Final Year Thesis	6												
ELEC	2991	Industrial Experience (Electronic Engineering)	0												
ELEC	4910	Co-op Program	6												
ENGG	2010	Engineering Seminar Series	0			0	0	0	0					0	
LANG	4031	Technical Communication II for ECE & CPEG	3									3		3	
ELEC		ELEC 3000-level or 4000-level Electives (Any 2 courses ELEC 4000-levek courses. ELEC4940 cannot be used to count towards this elective requirement)	21			3			3		6	3	6	21	
		Required credits for Major Requirements Courses and Electives	50											50	
BBA in General Business Management															
School Requirements															
ACCT	2010	Principles of Accounting I	3			3								3	
ACCT	2200	Principles of Accounting II	3						3					3	
ECON		Note: ECON2103 OR ECON2113	3												
ECON	2103	Principles of Microeconomics	3			3								3	
ECON	2113	Microeconomics	3												
ECON		Note: ECON2123 OR ECON3123 (Students who wish to pursue BSc ECOF must take ECON 3123)	3												
ECON	2123	Macroeconomics	3					3						3	
ECON	3123	Macroeconomic Theory I	3												
FINA	2303	Financial Management	3						3					3	
ISOM	2010	Introduction to Information Systems	3	---	---	---	---	---	---	---	---	---	---	0	Substituted by COMP 1021/1022P/1022Q
ISOM	2500	Business Statistics	3				3							3	
ISOM	2700	Operations Management	3						3					3	
MARK	2120	Marketing Management	3				3							3	
MGMT	2010	Business Ethics and the Individual	2					2						2	
MGMT	2110	Organizational Behavior	3					3						3	
MGMT	2130	Business Ethics and Social Responsibility	2									2		2	
SBMT	1111	Business Student Induction	0	---	---	---	---	---	---	---	---	---	---	0	Waived for DDP students
LABU	2040	Business Case Analyses	3				3							3	
LABU	2060	Effective Communication in Business	3					3						3	
MATH		Note: MATH1003 OR MATH1012 OR MATH1013 OR MATH1020 OR MATH1023	3-4												DDP students should take MATH 1012 or MATH 1013 or MATH 1020 or MATH 1023 to satisfy the requirements of both BEng and BBA degrees
MATH	1003	Calculus and Linear Algebra	3												
MATH	1012	Calculus IA	4	(3)											
MATH	1013	Calculus IB	3												
MATH	1020	Accelerated Calculus	4												
MATH	1023	Honors Calculus I	3											0	
		Required credits for School Requirements	43-44											37	
Major Requirements															
Major Required Courses and Electives															
SB&M		SB&M Electives (Any 9 courses offered by the departments under SB&M, of which at least 4 courses are of 3000-level or above.)	29		3			3		6	5	5	7	29	
		Required credits for Major Required Courses and Electives	29											29	
Additional Requirements															
Requirements for Dual Degree Program															
Required Courses															
TEMG	1010	Technology and Management Professional Activities	0	0	0	0	0	0	0	0	0	0	0	0	
		Required credits for Additional Requirements	0											0	
University CORE															
CORE	C3 - C12	U CORE - Others	30	9	3		3	3		3	6	3		30	
CORE	C1 & C2	U CORE - English Language	6	3	3									6	
		Sub-total for University CORE	36											36	
				Term load (excl. free credits)											
				18	19	19	19	20	19	17	17	19	16		
				186##											

<< *Declaration of major*

Notes:

( ) indicates the reuse of the same course to fulfill more than one requirement.

--- denotes the course/requirement is either waived or substituted

To graduate, students should complete all requirements as specified for DDP.

**Remarks on course(s):

>> 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.