

<< Declaration of BSc major << Declaration of BBA major

School:		School of Engineering and School of Business Management			Student's Pathway										Remarks
Program:		Dual Degree Program (BSc in Integrative Systems and Design and BBA in Marketing)			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	
Course Offering Dept. (course code prefix)	Course Code	Course Title / Courses List	Credits												
<b>BSc in Integrative Systems and Design</b>															
<b>Major Requirements</b>															
<b>Engineering Fundamental Courses</b>															
COMP	1021	Note: COMP1021 OR COMP1022P OR COMP2011 OR COMP2012H	3-5												
COMP	1022P	Introduction to Computer Science	3	3											3
COMP	2011	Introduction to Computing with Java	3												
COMP	2012H	Programming with C++	4												
COMP	2012H	Honors Object-Oriented Programming and Data Structures	5												
ENGG	1010	Academic Orientation	0	0	0										0
LANG	2030	Technical Communication I	3	--	--	--	--	--	--	--	--	--	--	--	0
		Note: [MATH 1012 OR MATH 1013 OR MATH 1023 AND (MATH 1014 OR MATH 1024)] OR [MATH 1020] (Subject to approval of the program office, MATH 1014/1024 may be replaced by a COMP course)	4-7												
MATH	1012	Calculus IA	4	3	3										6
MATH	1013	Calculus IB	3												
MATH	1014	Calculus II	3												
MATH	1020	Accelerated Calculus	4												
MATH	1023	Honors Calculus I	3												
MATH	1024	Honors Calculus II	3												
PHYS	1001	Note: PHYS1001 OR PHYS1111 OR PHYS1112 OR PHYS1312	3												
PHYS	1111	Physics and the Modern Society	3												
PHYS	1111	General Physics I	3		3										3
PHYS	1112	General Physics I with Calculus	3												
PHYS	1312	Honors General Physics I	3												
<b>Required credits for Engineering Fundamental Courses</b>			13-18												12
<b>Major Required Courses and Electives</b>															
ISDN	1002	Redefining Problems for the Real Needs	3			3									3
ISDN	1004	Sketching	1			1									1
ISDN	1006	Human-centered Innovation	3				3								3
ISDN	2001	Second Year Design Project I	1					1							1
ISDN	2002	Second Year Design Project II	4						4						4
ISDN	2200	Systems Thinking and Design	3			3									3
ISDN	2300	Digital Design	3			3									3
ISDN	2400	Physical Prototyping	3						3						3
ISDN	3001	Third Year Design Project I	4							4					4
ISDN	3002	Third Year Design Project II	4								4				4
ISDN	4001	Final Year Design Project I	5									5			5
ISDN	4002	Final Year Design Project II	5										5		5
LANG	4032	Technical Communication II for IEDA and ISDN	3							3					3
ISDN/ENGG/IEDA		Design Electives (5 credits from the specified elective list)													
ISDN/ENTR/IEDA/SBM		Product Management and Entrepreneurship Electives (9 credits from the specified elective list)	36			5	3	3	3	7	3	6			30
ISDN		Project-related Electives (22 credits from the specified elective list. Students should seek approval from the program office.)													
<b>Required credits for Major Requirements Courses and Electives</b>			78												72
<b>BBA in Marketing</b>															
<b>School Requirements</b>															
ACCT	2010	Principles of Accounting I	3			3									3
ACCT	2200	Principles of Accounting II	3						3						3
ECON	2103	Note: ECON 2103 OR ECON 2113	3			3									3
ECON	2113	Principles of Microeconomics	3												
ECON	2113	Microeconomics	3												
ECON	2123	Note: ECON 2123 OR ECON 3123	3					3							3
ECON	3123	Macroeconomics	3												
ECON	3123	Macroeconomic Theory I	3												
FINA	2303	Financial Management	3			3									3
ISOM	2010	Introduction to Information Systems	3	--	--	--	--	--	--	--	--	--	--	--	0
ISOM	2020	Coding for Business	1	--	--	--	--	--	--	--	--	--	--	--	0
ISOM	2500	Business Statistics	3			3									3
ISOM	2600	Introduction to Business Analytics	1					1							1
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
LABU	2040	Business Case Analyses	3	--	--	--	--	--	--	--	--	--	--	--	0
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	3-4												
MATH	1012	Calculus and Linear Algebra	3												
MATH	1012	Calculus IA	4	(3)											0
MATH	1013	Calculus IB	3												
MATH	1020	Accelerated Calculus	4												
MATH	1023	Honors Calculus I	3												
<b>Required credits for School Requirements</b>			45-46												35
<b>Major Requirements</b>															
<b>Major Required Courses and Electives</b>															
MARK	3220	Marketing Research	4					4							4
MARK	3420	Consumer Behavior	4						4						4
MARK	4210	Strategic Marketing	4									4			4
MARK		MARK 3000-level or above Electives (Any 3 courses of the subject and level as specified)	12							4	4	4			12
<b>Required credits for Major Required Courses and Electives</b>			24												24
<b>Additional Requirements</b>															
<b>Requirements for Dual Degree Program</b>															
<b>Required Courses</b>															
TEMG	1010	T&M Professional Activities	0	0	0	0	0	0	0	0	0	0	0	0	0
TEMG	3950	T&M Case Analysis and Product Innovation	3		3										3
TEMG	4950	T&M Corporate Consulting Project	3-5					4							4
<b>Required credits for Additional Requirements</b>			7												7
<b>University CORE</b>															
CORE	C3 - C12	U CORE - Others	30	9	6				3	6		3	3		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)															
18 18 19 19 18 20 18 18 18															
186##															

Notes:  
( ) indicates the reuse of the same course to fulfill more than one requirement.  
\* Courses offered in winter term  
^ Courses offered in summer term  
--- 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.