

<< 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 Global Business)			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		
Course Offering Dept. (course code prefix)	Course Code	Course Title / Courses List		Credits													
BSc in Integrative Systems and Design																	
Major Requirements																	
Engineering Fundamental Courses																	
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													
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)																	
MATH	1012	Calculus IA		4													
MATH	1013	Calculus IB		3	3	3										6	
MATH	1014	Calculus II		3													
MATH	1020	Accelerated Calculus		4													
MATH	1023	Honors Calculus I		3													
MATH	1024	Honors Calculus II		3													
Note: PHYS1101 OR PHYS1111 OR PHYS1112 OR PHYS1312																	
PHYS	1101	Introductory Physics		3													
PHYS	1111	General Physics I		3		3										3	
PHYS	1112	General Physics I with Calculus		3													
PHYS	1312	Honors General Physics I		3													
Required credits for Engineering Fundamental Courses				13-18												12	
Major Required Courses and Electives																	
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)															
ISDN		Project-related Electives (22 credits from the specified elective list. Students should seek approval of their advisor for the choices of courses)		36				5	3	3	3	7	3	6		30	
Required credits for Major Requirements Courses and Electives				78												72	
BBA in Global Business																	
School Requirements																	
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	2123	Note: ECON 2123 OR ECON 3123		3						3						3	
ECON	3123	Macroeconomics		3													
FINA	2303	Macroeconomic Theory I		3													
FINA	2303	Financial Management		3		3										3	
ISOM	2010	Introduction to Information Systems		3	-	-	-	-	-	-	-	-	-	-	-	0	
Substituted by COMP 1021/ 1022P/ 2011/ 2012H																	
ISOM	2020	Coding for Business		1	-	-	-	-	-	-	-	-	-	-	-	0	
Waived for DDP students if they have taken and passed COMP 1021 or COMP 1029P																	
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	
LABU	2040	Business Case Analyses		3	-	-	-	-	-	-	-	-	-	-	-	0	
Waived for DDP students																	
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	1013	Calculus IA		4	(3)												
MATH	1020	Calculus IB		3													
MATH	1023	Accelerated Calculus		4													
MATH	1023	Honors Calculus I		3													
Required credits for School Requirements				43-44												35	
Major Requirements																	
Major Required Courses and Electives																	
GBUS	1000	Global Leadership Development		0					0	0	0	0	0	0	0	0	
GBUS	2010	Global Business Analysis		3						3						3	
GBUS	2020	Public Service Project		1						1	[1]					1	
GBUS/ISOM	3030	Note: GBUS 3030 OR ISOM2040		3-4													
GBUS	2040	Global Business Case Studies		4							4	[3]				4	
ISOM	2040	Business Simulation and Strategic Decisions		3													
GBUS	4910	Capstone Project		4									4	[4]		4	
GBUS		Global Business Electives (Courses from the specified elective list, of which at least 6 credits from each area and at least 2 courses must be offered by GBUS. Courses taken to fulfill requirements of an additional major in SBM may not be counted towards this elective requirement.)		15								6	3	6		15	
Required credits for Major Required Courses and Electives				26-27												27	
Additional Requirements																	
Requirements for Dual Degree Program																	
Required Courses																	
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	
Required credits for Additional Requirements				7												7	
University CORE																	
CORE	C3 - C9	U CORE - Others		21			6	6	3	3	3					21	
CORE	C1 & C2	U CORE - English Language		6	3	3										6	
CORE	1905	Behavioral Foundations of University Education: Habits, Mindsets, and Wellness		3	0	3										3	
Sub-total for University CORE				30												30	
Term load (excl. free credits)																	
15 18 19 20 15 20 20 17 20 19																	
183##																	

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.

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**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.