

An Example on Student's Pathway (as of August 8, 2024)

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

School:		Academy of Interdisciplinary Studies and School of Business Management			Student's Pathway											Remarks
Program:		Dual Degree Program (BSc in Integrative Systems and Design and BBA in General Business Management)			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													
<b>BSc in Integrative Systems and Design</b>																
<b>Major Requirements</b>																
Major Required Courses and Electives																
COMP	1021	Note: COMP1021 OR COMP1022P OR COMP2011 OR COMP2012H Introduction to Computer Science	3-5													
COMP	1022P	Introduction to Computing with Java	3	3												
COMP	2011	Programming with C++	4													
COMP	2012H	Honors Object-Oriented Programming and Data Structures	5													
MATH	1012	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	1013	Calculus IA	4	3	3											
MATH	1014	Calculus IB	3													
MATH	1020	Calculus II	3													
MATH	1023	Accelerated Calculus	4													
MATH	1024	Honors Calculus I	3													
MATH	1024	Honors Calculus II	3													
PHYS	1101	Note: PHYS1101 OR PHYS1111 OR PHYS1112 OR PHYS1312 Introductory Physics	3-4													
PHYS	1111	General Physics I	4		3											
PHYS	1112	General Physics I with Calculus	3													
PHYS	1312	Honors General Physics I	3													
ISDN	1001	Introduction to Integrative Systems and Design	3				3									
ISDN	1002	Redefining Problems for the Real Needs	3					3								
ISDN	1004	Sketching	1				1									
ISDN	1006	Human-centered Innovation	3						3							
ISDN	1010	Academic Orientation I	0				0	0								
ISDN	1011*	Industrial Training	0													Take in Winter or Summer
ISDN	2001	Second Year Design Project I	1						1							
ISDN	2002	Second Year Design Project II	3							3						
ISDN	2010	Academic and Professional Development II	0						0	0						
ISDN	2200	Systems Thinking and Design	3				3									
ISDN	2300	Introduction to 3D Design	3				3									
ISDN	2400	Physical Prototyping	3							3						
ISDN	2601	Exploring the World Through Smart Mechatronics	3				3									
ISDN	2602	Internet of Things: Integrative System Design	3					3								
ISDN	2603	Materials, Shape and Design	3							3						
ISDN	3200	Graphic Communication	2								2					
ISDN	3001	Third Year Design Project I	3								3					
ISDN	3002	Third Year Design Project II	3									3				
ISDN	3010	Academic and Professional Development III	0								0	0				
ISDN	4001	Final Year Design Project I	4										4			
ISDN	4002	Final Year Design Project II	4											4		
ISDN	4010	Academic and Professional Development IV	0										0	0		
LANG	4032	Technical Communication II for IEDA and ISDN	3								3					
ISDN		Project-related Electives (Students should seek approval of their advisor for the choices of courses)	18						3	3	3	6	3			18
ISDN/ENTR/TEMG/FINA/SOM/MARK		Product Management and Entrepreneurship Electives (Courses from the specified elective list, of which at least 1 course must be at 3000-level or above.)	6									3				3
<b>Required credits for Major Requirements Courses and Electives</b>			85-91												84	
<b>BBA in General Business Management</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 Principles of Microeconomics	3		3											3
ECON	2113	Microeconomics	3													3
ECON	2123	Note: ECON 2123 OR ECON 3123 Macroeconomics	3					3								3
ECON	3123	Macroeconomic Theory I	3													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			0
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
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	3													
MATH	1013	Calculus IB	4													
MATH	1020	Accelerated Calculus	3													
MATH	1023	Honors Calculus I	4													
MATH	1023	Honors Calculus I	3													
<b>Required credits for School Requirements</b>			39-40												31	
<b>Major Requirements</b>																
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							4	7	6	6	6		29
<b>Required credits for Major Required Courses and Electives</b>			29													29
<b>Additional Requirements</b>																
<b>Requirements for Dual Degree Program</b>																
Required Courses																
TEMG	1010	T&M Professional Activities	0	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 - C9	U CORE - Others	21			3	6	3						9		21
CORE	C1 & C2	U CORE - English Language	6	3	3											6
HMAW	1905	Behavioral Foundations of University Education: Habits, Mindsets, and Wellness	3	1	2											3
<b>Sub-total for University CORE</b>			30													30
Term load (excl. free credits)																
16 17 19 18 17 19 20 20 16 19																
181##																

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.