

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 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	
Course Offering Dept. (course code prefix)	Course Code	Course Title / Courses List		Credits												
BSc in Integrative Systems and Design																
Major Requirements																
Major Required Courses and Electives																
COMP	1021	Note: COMP1021 OR COMP1022P OR COMP2011 OR COMP2012H		3-5												
COMP	1022P	Introduction to Computer Science		3												
COMP	2011	Introduction to Computing with Java		3	3											
COMP	2012H	Programming with C++		4												
		Honors Object-Oriented Programming and Data Structures		5												
		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										
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												
		Note: PHYS1101 OR PHYS1111 OR PHYS1112 OR PHYS1312		3-4												
PHYS	1101	Introductory Physics		4												
PHYS	1111	General Physics I		3		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			
ISDN/ENR/TEMG/FINA/SOMMARK		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				
Required credits for Major Requirements Courses and Electives				85-91												84
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
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		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				39-40												31
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/SBMT		Note: GBUS 2020 OR GBUS 2040 OR SBMT 2100-2110		1-4												
GBUS	2020	Public Service Project		1						1	[1]					1
GBUS	2040	Environmental, Social, and Governance (ESG) Corporate Project		1												
SBMT	2100-2110	Community Services Project		4												
GBUS/ISOM		Note: GBUS 3030 OR ISOM 4780		3-4												
GBUS	3030	Global Business Case Studies		4						3	[3]					3
ISOM	4780	Integrated Planning and Execution		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				26-30												26
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			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
Sub-total for University CORE				30												30
Term load (excl. free credits)																
16 17 19 18 17 19 16 20 17 19																
178##																
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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.