

<< Declaration of  
BEng major << Declaration of  
BBA major

School:		School of Engineering and School of Business Management			Student's Pathway											Remarks
Program:		Dual Degree Program (BEng in Mechanical Engineering and BBA in Finance)			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>BEng in Mechanical Engineering</b>																
<b>Major Requirements</b>																
Engineering Fundamental Courses																
COMP	1021	Note: COMP1021 OR COMP1022P OR COMP2011 OR COMP2012H	3-5													
		Introduction to Computer Science	3													
		Introduction to Computing with Java	3	3												3
		Programming with C++	4													
		Honors Object-Oriented Programming and Data Structures	5													
ENGG	1010	Academic Orientation	0	0	0											0
LANG	2030	Technical Communication I	3	---	---	---	---	---	---	---	---	---	---	---	---	0
<b>Required credits for Engineering Fundamental Courses</b>																
			22-26													18
<b>Major Required Courses and Electives</b>																
MECH	1990	Industrial Training	0				0*	0*								0
MECH	2020	Statics and Dynamics	3				3									3
MECH	2040	Solid Mechanics I	3									3				3
MECH	2210	Fluid Mechanics	3									3				3
MECH	2310	Thermodynamics	3				3									3
MECH	2410	Engineering Materials I	3													3
MECH	2520	Design and Manufacturing I	3													3
MECH	3030	Mechanisms of Machinery	3													3
<b>Required credits for Major Requirements Courses and Electives</b>																
			51													51
<b>BBA in Finance</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	2123	Note: ECON 2123 OR ECON 3123	3								3					3
ECON	3123	Macroeconomics	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	---	---	---	---	---	---	---	---	---	---	---	---	0
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	(3)												
MATH	1013	Calculus IA	4													
MATH	1020	Calculus IB	3													
MATH	1023	Accelerated Calculus	4													
MATH	1023	Honors Calculus I	3													
<b>Required credits for School Requirements</b>																
			43-44													35
<b>Major Requirements</b>																
<b>Major Required Courses and Electives</b>																
FINA	3001	Key Skills for Finance Professionals (A)	1						1							1
FINA	3103	Intermediate Investments	3						3							3
FINA	3203	Derivative Securities	3								3					3
FINA	3303	Intermediate Corporate Finance	3								3					3
FINA	3810	Bloomberg Market Concepts Certification	0						0							0
ACCT	3010	Note: (ACCT 3010 AND ACCT 3020) OR ACCT 3030	3-6													
ACCT	3020	Financial Accounting I	3								3					3
ACCT	3030	Financial Accounting II	3													
ACCT	3030	Intermediate Financial Accounting for Non-Accounting Majors	3													
ISOM	3230	Note: ISOM 3230 OR ISOM 3400	3													
ISOM	3400	Business Applications Programming	3								3					3
ISOM	3400	Python Programming for Business Analytics	3													
FINA		FINA 3000-level or above Electives (Any 3 courses of the subject and level as specified)	9										3	3	3	9
<b>Required credits for Major Required Courses and Electives</b>																
			25-28													25
<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	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			3	6					6	6	9		30
CORE	C1 & C2	U CORE - English Language	6	3	3											6
<b>Sub-total for University CORE</b>																
			36													36
<b>Term load (excl. free credits)</b>																
					15	18	15	18	18	18	18	18	17	17		
<b>172##</b>																
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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.