



AEECON (Via DDP PBA) 2021-22 Intake

						<< Declar BEng maj		<< Declara BBA majo							
chool:		School of Engineering and School of Business Management						1 D D I T I III JO		Studen	t's Pathway				
ogram:		Dual Degree Program (BEng in Aerospace Engineering and BBA in Economics)													
ourse ffering Dept. ourse code prefix)	Course Code	Course Title / Courses List	Credits	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	Remarks
BEng in Aer	rospace Eng	ineering		I											
Aajor Require	ments														
	damental Courses														
		Note: COMP1021 OR COMP1022P OR COMP2011 OR COMP2012H	3-5			1		I							
COMP	1021 1022P	Introduction to Computer Science Introduction to Computing with Java	3	3		!		ļ						3	Students should take COMP10 which will also be used to substi
COMP	2011	Programming with C++	4	Ŭ		i		i						0	ISOM 2010 and to waive ISOM 2
COMP	2012H	Honors Object-Oriented Programming and Data Structures	5			i —		i —							
INGG	1010	Academic Orientation	0	0	0	<u>;</u>								0	
ANG	2030	Technical Communication I Note: ((MATH 1012 OR MATH 1013 OR MATH 1023) AND	3	-	-	<u> </u>	-	<u> -</u>	-	-	-	-	-	0	Waived for DDP students
		(MATH 1014 OR MATH 1024)] OR [MATH 1020]	4-7			!		1							
IATH	1012	Calculus IA	4			!		ļ							
1ATH 1ATH	1013 1014	Calculus IB Calculus II	3	3	3	i		i						6	
IATH	1014	Accelerated Calculus	4			i		i							
IATH	1023	Honors Calculus I	3			i									
IATH IATH	1024 2011	Honors Calculus II Introduction to Multivariable Calculus	3			3								3	
	2011	Note: MATH2111 OR MATH2350 OR MATH2351	3			3		ļ						3	
ЛАТН	2111	Matrix Algebra and Applications	3	1		!	3	!						3	
ЛАТН ЛАТН	2350 2351	Applied Linear Algebra and Differential Equations Introduction to Differential Equations	3	1		i	Ŭ	i						5	
MATH	2351	Note: PHYS1112 OR PHYS1312	3			1						-			
PHYS	1112	General Physics I with Calculus	3		3	i		-						3	
PHYS	1312	Honors General Physics I	3		(0)										
HEM/LIFS/ PHYS		Science 1000-level course (Any 1 course of the subject and level as specified) Required credits for Engineering Fundamental Cours	3 22-26		(3)	<u> </u>		<u> </u>						0 18	
Maior Required C	ourses and Electiv		22-20		1					I				10	
1ECH	1907	Introduction to Aerospace Engineering	3			3		I						3	
IECH	1990	Industrial Training	0			0*	0^							0	
IECH	2020	Statics and Dynamics	3			3	2	<u>.</u>						3	
IECH IECH	2040 2210	Solid Mechanics I Fluid Mechanics	3	-		<u> </u>	3	<u> </u>				-		3	
IECH	2310	Themodynamics	3			3	5	!						3	
1ECH	2410	Engineering Materials I	3			<u>; </u>		l	3					3	
/IECH	3400	Introduction to Composite Materials	3			i				3				3	
ИЕСН ИЕСН	3610 3620	Control Principles Aircraft Design	3			<u>;</u>		3			3			3	
MECH	3640	Aerodynamics	3			<u> -</u>				3	3			3	
MECH .	3650	Aircraft Structural Analysis	3			!		<u> </u>		3				3	
NECH	3660	Gas Turbines and Jet Propulsion	3			i i		I			3			3	
MECH	3670	Aircraft Performance and Stability	3			i –				3				3	
ИЕСН ИЕСН	3680 3690	Avionics Systems Aerospace Engineering Laboratory	3			<u>i</u>			3		3			3	
/ECH	4980	Final Year Aerospace Design Project	6			<u>.</u>					Ū	3	3	6	
ELEC	2420	Basic Electronics	3					3						3	
ENGG	2010	Engineering Seminar Series	0			0	0	0	0					0	
_ANG MECH	4034	Technical Communication II for Mechanical and Areospace Engineering MECH Electives in Aerospace (2 courses from the specified elective list)	3			i –					3	3	3	3	
		Required credits for Major Requirements Courses and Electiv				î		<u>.</u>	-			5	0	63	
BBA in Ecor	nomics	· · · ·				-									
School Requir															
CCT	2010	Principles of Accounting I	3	3		1		1						3	
.CCT	2200	Principles of Accounting II	3			<u>i</u>			3					3	
CON	2103	Note: ECON 2103 OR ECON 2113 Principles of Microeconomics	3	1	3	Ì		Ī						3	
CON	2103	Microeconomics	3			i		<u>i</u>							ECON 2103 / 2113 / 2123 is a ma
		Note: ECON 2123 OR ECON 3123		1											pre-requisite
CON	2123 3123	Macroeconomics Macroeconomic Theory I	3	1		3		!						3	
	2303		3	1			3							3	
INA	2303	Financial Management					Г	1		ľ	-	-	-	0	Substituted by COMP 1021/1022P/2011/2012H
	2010	Financial Management Introduction to Information Systems	3	-	-	! . 	-		-	-					Waiwood for DDD attratages 101
SOM	2010 2020	Introduction to Information Systems Coding for Business	3	-	-		-		-	-	-	-	-	0	
	2010 2020 2500	Introduction to Information Systems Coding for Business Business Statistics	3 1 3		-		-		-	-	-	-	-	3	have taken and passed COMP1
50M 50M 50M	2010 2020 2500 2600	Introduction to Information Systems Coding for Business Business Statistics Introduction to Business Analytics	3 1 3 1	3	-		-	- - 1		-	-	-	-	3	have taken and passed COMP1
сом сом сом сом сом	2010 2020 2500	Introduction to Information Systems Coding for Business Business Statistics	3 1 3		-		-		-	-	-	-	-	3	have taken and passed COMP1
SOM SOM SOM SOM SOM ARK GMT	2010 2020 2500 2600 2700 2120 2010	Introduction to Information Systems Coding for Business Business Statistics Introduction to Business Analytics Operations Management Marketing Management Business Ethics and the Individual	3 1 3 1 3 1 3	- 3	-		- - 3 2			-	-	-	-	3 1 3	have taken and passed COMP1
SOM SOM SOM SOM SOM LARK GMT IGMT	2010 2020 2500 2600 2700 2120 2120 2110	Introduction to Information Systems Coding for Business Business Statistics Introduction to Business Analytics Operations Management Marketing Management Business Ethics and the Individual Organizational Behavior	3 1 3 1 3 3 2 3		-					-	-	-	-	3 1 3 3 2 3	have taken and passed COMP1
SOM SOM SOM SOM SOM JARK IGMT IGMT	2010 2020 2500 2600 2700 2120 2010 2110 2130	Introduction to Information Systems Coding for Business Business Statistics Introduction to Business Analytics Operations Management Marketing Management Business Ethics and the Individual Organizational Behavior Business Ethics and Social Responsibility	3 1 3 1 3 3 2 3 2 2		-		2	2	3	-	-		-	3 1 3 3 2 3 2	have taken and passed COMP1 or COMP 1029P
SOM SOM SOM SOM SOM SOM GMT GMT GMT BMT	2010 2020 2500 2600 2700 2120 2010 2110 2130 1111	Introduction to Information Systems Coding for Business Business Statistics Introduction to Business Analytics Operations Management Marketing Management Business Ethics and the Individual Organizational Behavior Business Ethics and Social Responsibility Business Student Induction	3 1 3 1 3 3 2 3 2 3 2 0		· ·		2			-	-		-	3 1 3 3 2 3 2 0	have taken and passed COMP1 or COMP 1029P
SOM SOM SOM SOM SOM SOM SOM IGMT IGMT IGMT BMT ABU	2010 2020 2500 2600 2700 2120 2010 2110 2130	Introduction to Information Systems Coding for Business Business Statistics Introduction to Business Analytics Operations Management Marketing Management Business Ethics and the Individual Organizational Behavior Business Ethics and Social Responsibility	3 1 3 1 3 3 2 3 2 2		-		2	2	3	- -				3 1 3 3 2 3 2	have taken and passed COMP1 or COMP 1029P
SOM SOM SOM SOM SOM IGMT IGMT IGMT IGMT BMT ABU ABU	2010 2020 2500 2600 2700 2120 2110 2110 2130 1111 2040 2060	Introduction to Information Systems Coding for Business Business Statistics Introduction to Business Analytics Operations Management Marketing Management Business Ethics and the Individual Organizational Behavior Business Ethics and Social Responsibility Business Studen Induction Business Case Analyses Effective Communication in Business Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023	3 1 3 1 3 3 2 2 3 2 0 3 3 3 3 4		-		2	2	3					3 1 3 2 3 2 0 0 0	have taken and passed COMP1 or COMP 1029P
INA SOM SOM SOM SOM SOM IARK IGMT IGMT IGMT IGMT ABU ABU ABU ABU	2010 2020 2500 2600 2700 2120 2010 2110 2130 1111 2040 2060 1003	Introduction to Information Systems Coding for Business Business Statistics Introduction to Business Analytics Operations Management Marketing Management Business Ethics and the Individual Organizational Behavior Business Ethics and Social Responsibility Business Student Induction Business Case Analyses Effective Communication in Business Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023 Calculus and Linear Algebra	3 1 3 1 3 3 2 3 2 0 3 3 3 3 4 3	- 3	-		2	2	3					3 1 3 2 3 2 0 0 0	have taken and passed COMP1 or COMP 1029P
SOM SOM SOM SOM SOM IARK IGMT IGMT IGMT IGMT ABU ABU ABU IATH	2010 2020 2500 2600 2700 2120 2110 2110 2130 1111 2040 2060	Introduction to Information Systems Coding for Business Business Statistics Introduction to Business Analytics Operations Management Marketing Management Business Ethics and the Individual Organizational Behavior Business Ethics and Social Responsibility Business Studen Induction Business Case Analyses Effective Communication in Business Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023	3 1 3 1 3 3 2 2 3 2 0 3 3 3 3 4	- - - - - - - - - - - - - - - - - - -	-		2	2	3					3 1 3 2 3 2 0 0 0	have taken and passed COMP1 or COMP 1029P
SOM SOM SOM SOM SOM IGMT IGMT IGMT IGMT ABU ABU ABU ABU ABU IATH IATH IATH IATH	2010 2020 2500 2600 2700 2120 2110 2130 1111 2040 2060 1003 1012 1013 1020	Introduction to Information Systems Coding for Business Business Statistics Introduction to Business Analytics Operations Management Marketing Management Business Ethics and the Individual Organizational Behavior Business Ethics and Social Responsibility Business Student Induction Business Case Analyses Effective Communication in Business Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023 Calculus IA Calculus IB Accelerated Calculus	3 1 3 1 3 3 2 2 3 2 0 3 3 4 3 4 3 4 3 4 3 4		-		2	2	3					3 1 3 2 3 2 0 0 0 3	have taken and passed COMP1 or COMP 1029P
SOM SOM SOM SOM SOM SOM IARK IGMT IGMT IGMT ABU ABU ABU ABU IATH IATH IATH	2010 2020 2500 2600 2700 2120 2010 2110 2130 1111 2040 2060 1003 1012 1013	Introduction to Information Systems Coding for Business Business Statistics Introduction to Business Analytics Operations Management Marketing Management Business Ethics and the Individual Organizational Behavior Business Ethics and Social Responsibility Business Student Induction Business Case Analyses Effective Communication in Business Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023 Calculus IA Calculus IB	3 1 3 3 3 3 2 3 3 2 0 0 3 3 3 4 3 4 3 4 3 4 3 4 3		-		2	2	3					3 1 3 2 3 2 0 0 0 3	Waived for DDP students Waived for DDP students UDP students should take MA 1012 or MATH 1013 or MATH 102

MATH	1023	Honors Calculus I	3			1		1							degrees
		Required credits for School Requirements	45-46											35	
Major Req	quirements														
Major Requi	red Courses and Ele	ctives													
ECON	3014	Managerial Microeconomics	4			1		4						4	
ECON	3024	Managerial Macroeconomics	4			!		!	4					4	
ECON	3334	Introduction to Econometrics	4			i		1		4				4	
ECON	4670	Economics Research and Communication	0			:		I				0		0	
ECON		ECON 4000-level Electives (Any 3 courses of the subject and level as specified)	11			I		i			4	4	3	11	
Required credits for Major Required Courses and Electives 23						1								23	
Addition	nal Requireme	nts													
	ents for Dual De														
Required Co		· · · ·													
TEMG	1010	T&M Professional Activities	0	0	0	0	0	0	0	0	0	0	0	0	
TEMG	3950	T&M Case Analysis and Product Innovation	3		3	1		1						3	
TEMG	4950	T&M Corporate Consulting Project	3-5			1		4						4	
		Required credits for Additional Requirements	7			1		1						7	
		Required credits for Additional Requirements													
University	CORE	Required credits for Additional Requirements	1	l		1								<u> </u>	
	CORE	U CORE - Others	30	3	3	3		! !	3	3	3	6	6	30	<u> </u>
CORE		· · · · ·		3	3	3		! ! :	3	3	3	6	6	30	
CORE	C3 - C12	U CORE - Others	30 6	-		3			3	3	3	6	6	30 6 36	
University CORE CORE	C3 - C12	U CORE - Olhers U CORE - English Language	30 6	-		3		Term load (e		3 dits)	3	6	6	6	
CORE	C3 - C12	U CORE - Olhers U CORE - English Language	30 6	-		3	20	17	xcl. free cred	3 dits) 19	3	6	6	6	
CORE	C3 - C12	U CORE - Olhers U CORE - English Language	30 6	3	3		20	17	xcl. free cred 19 82##	<u> </u>		6		6	

* 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.