

**Suggested schedule for DDP B. Eng (ISE) with BBA (Hons) for Cohort 2019/2020 onwards**

Year 1				Year 1			
Semester 1				Semester 2			
Module		MCs		Module		MCs	
MA1505	Mathematics I	4	C1	MA1508E	Linear Algebra	4	C1
CS1010E	Programming Methodology	4	C1	ST2334	Probability & Statistics	4	C1
Basket of PPP PC1431/PC1432	Basket of PPP Module	4	C1	IE2140	Engineering Economy	4	C1
IE1111R	Industrial & Systems Engineering Principles & Practice I	4	C1	IE2111	Industrial & Systems Engineering Principles & Practice II	4	C1
GEM 1	General Education Module	4	CA	ACC1701	Accounting for Decision Makers	4	C2
BPM1701	Calculus & Statistics	0	C2	MLE1010	Materials Engineering Principles & Practice	4	C1
BPM1702	Microsoft Excel Skills for Business	0	C2	STR1000	Career Creation Starter Workshops	0	C2
BPM1705	Understanding How Business Works	0	C2				
Total		20		Total		24	

Year 2				Year 2			
Semester 3				Semester 4			
Module		MCs		Module		MCs	
IE2110	Operations Research I (from Table A)	4	C1/CA	IE2100	Probability Models with Applications	4	C1
EE2211	Introduction to Machine Learning	4	C1	IE2141	Systems Thinking and Dynamics	4	C1
BSP1703	Managerial Economics	4	C2	EG2401A	Engineering Professionalism	2	C1
MNO1706	Organizational Behavior	4	C2	MKT1705	Principles of Marketing	4	C2
EG1311	Design and Make	4	C1	DAO1704	Decision Analytics using Spreadsheets	4	C2
STR2000	Career Creation Starter Clinics	0	C2	BSP2701	Global Economy	2	C2
Total		20		Total		20	

Year 3				Year 3			
Semester 5				Semester 6			
Module		MCs		Module		MCs	
IE3100R	Systems Design Project	4	C1	IE3100R	Systems Design Project	4	C1
IE3110R	Simulation	4	C1	GEM3	General Education Module	4	CA
IE4211	Modeling & Analytics	4	C1	DAO2702	Programming for Business Analytics	4	C2
FIN2704	Finance	4	C2	DAO2703	Operations & Technology Management	4	C2
GEM2	General Education Module	4	CA	MNO2705	Leadership & Decision Making under Uncertainty	4	C2
				IE3101	Statistics for Engineering Applications	4	C1
Total		20		Total		24	

Year 4				Year 4			
Semester 7				Semester 8			
Module		MCs		Module		MCs	
IE4100R	B. Eng Dissertation	4	C1	BSP3701	Strategic Management	4	C2
ES1531 #	Critical Thinking & Writing	4	CA	IE4100R	B. Eng Dissertation	4	C1
IE4220 (From Table A)	Technical Elective	4	C1/C A	BBA Common Elective Modules x 2 modules	(From Table A)	8	C2/C A
BSP1702	Legal Environment of Business	4	C2	Business Elective		4	C2
GEM4	General Education Module	4	CA				
Total		20		Total		20	

Year 5				Year 5			
Semester 9				Semester 10			
Module		MCs		Module		MCs	
Business Honours Requirements	Research or Coursework track	20	C2	IE4240 (Pathway Requirement )	Project Management	4	C1
				GEM5	General Education Module	4	CA
				Business Elective		4	C2
				IE Technical Elective module		4	C1
Total		20		Total		20	

**Total (must be at least 204 MCs)**

**Note:**

Common module in B. Eng. & BBA(H) Double Degree programme. You have to select at least 2 modules from B. Eng. modules and 2 modules from BBA modules as shown in Table A.

You may choose not to read and double-count Table A modules, and instead fulfil the respective requirements of each degree separately. One common module represents one technical elective and one business elective. This option may be adopted if you wish to pursue a non-Finance specialization, for example.

# Common module that also satisfies Business Foundation Module requirements.

**Global Immersion and Study:** This is a compulsory graduation requirement for BBA(H) degree. Please refer to the BBA website: <http://bba.nus.edu/images/bba/docs/BBA17-CareerPrepModule-rev.pdf>

**The modules that DDP students take are counted towards the CAP in the following manner:**

1 <sup>st</sup> Degree	Classified as C1 in the database
2 <sup>nd</sup> Degree	Classified as C2 in the database
Both 1 <sup>st</sup> and 2 <sup>nd</sup> Degrees	Classified as CA in the database

Additional modules taken will be counted towards C1, except for modules offered by the faculty of the student's 2<sup>nd</sup> degree, which be classified as C2.

**Table A: Common modules in B. Eng. & BBA(H) Double Degree Programme**

<b>Choose two B. Eng Modules (Subject to pre- requisites)</b>	<b>Choose two BBA Modules (Subject to pre- requisites)</b>
IE2110 Operations Research (anti-req: DBA3701 Int. to Optimization)	FIN3701 Corporate Finance
IE4220 Supply Chain Modeling	FIN3702 Investment Analysis & Portfolio Management
	DBA4811 Analytical Tools for Consulting
Please refer to the DDP programme structure at <a href="http://nus.edu.sg/prog/engbiz/programbba2017.html">http://nus.edu.sg/prog/engbiz/programbba2017.html</a> <i>Wrong URL; double-honours DDP structure is found at <a href="http://nus.edu.sg/prog/engbiz/programbbah2017.html">http://nus.edu.sg/prog/engbiz/programbbah2017.html</a></i>	

Note: From Table A, if you declared IE2110 as a CA then you have to take on more IE Technical Elective Module to replace it.