Suggested schedule for DDP B. Eng (ISE) with B. Soc Sci for Cohort 2017/2018 onwards onwards

Year 1				Year 1			
Semester 1				**Semester 2**			
Module		**MCs**		**Module**		**MCs**	
IE1111	Industrial & Systems Engineering Principles & Practice I	6	C1	IE1112	Industrial & Systems Engineering Principles & Practice I	6	C1
CS1010E	Programming Methodology	4	C1	MA1508E	Linear Algebra	4	C1
PC1431/PC1432	Basket of Science Modules	4	C1	IE2140	Engineering Economy	4	C1
MA1505	Mathematics I	4	C1	ST2334	Probability & Statistics	4	**CA**
EC1101E	Introduction to Economic Analysis	4	C2	Level 1000	Exposure modules(Humanities) – EL1101E,EN1101E, TS1101E, HY1101E or GET1029	4	C2
Total		22		Total		22	

Year 2				Year 2			
Semester 3				**Semester 4**			
Module		**MCs**		**Module**		**MCs**	
IE2110	Operations Research I (Refer to table 2)	4	**C1/CA**	IE2100	Probability Models with Applications	4	C1
IE4xxx	Elective modules	4	C1	IE2130	Quality Engineering I	4	C1
EC2101	Microeconomic Analysis I	4	C2	IE2150/IE4xxx	Human Factors Engineering/IE Elective Modules	4	C1
FASS Level 1000 Exposure module (Asian Studies) x 1	(CH1101E/CL1101E/JS1101E/MS1101E/SE1101E/SN1101E)	4	C2	EC2102	Macroeconomics Analysis I	4	C2
FAS1102	Writing Module	4	C2	EC2104	Quantitative Methods for Economics Analysis	4	C2
Total		20		Total		20	

Year 3				Year 3			
Semester 5				**Semester 6**			
Module		**MCs**		**Module**		**MCs**	
IE3100M	Systems Design Project	6	C1	IE3100M	Systems Design Project	6	C1
IE3101	Statistics for Engineering Applications	4	C1	IE4211	Modeling & Analytics	4	C1
IE3110R	Simulation	4	C1	EC3101	Microeconomics Analysis II	4	C2
EC –Elective Modules	Refer to Table 2	4	**CA**	EC3102	Macroeconomics Analysis II	4	C2
EC3303	Econometrics I	4	C2	EC3304	Econometrics II	4	C2
Total		22		Total		22	

Year 4				Year 4			
Semester 7				**Semester 8**			
Module		**MCs**		**Module**		**MCs**	
XF4401	Integrated Honours Project (If you opt not do XF4401 then you need to do IE4100R + 2 more IE Elective Modules)	8	**CA**	XF4401	Integrated Honours Project (If you opt not do XF4401 then you need to do IE4100R + 2 more IE Elective Modules)	8	**CA**
EC - Elective	Leve 4000 modules	5	C2	IE4xxx	Elective Module	4	C1
IE4240	Project Management (Refer to table 2)	4	**CA**	GEM2	General Education Modules	4	**CA**
GEM1	General Education Modules	4	**CA**	EG2401A	Engineering Professionalism	2	C1
				GEM3	General Education Modules	4	**CA**
Total		21		Total		22	

Year 5				Year 6			
Semester 9				**Semester 10**			
Module		**MCs**		**Module**		**MCs**	
GEM4	General Education Modules	4	**CA**	EC - Elective	Leve 4000 modules	5	
GEM5	General Education Modules	4	**CA**	EC - Elective	Leve 4000 modules	5	
EC - Elective	Leve 4000 modules	5	C2	EC - Elective	Leve 3000 modules	4	
EC - Elective	Leve 4000 modules	5	C2				
ES1531	Critical Thinking & Writing	4	**CA**				
Total		22		Total		14	

Total (must be at least 205MCs)

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

1st Degree	Classified as C1 in the database
2nd Degree	Classified as C2 in the database
Both 1st and 2nd 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 2nd degree, which be classified as C2.

Table 1: Essential Common Modules

Module	Remarks
ST2334 Probability & Statistics (for CEG and ISE)	These modules replace the essential module, EC2303 Foundations of Econometrics. These modules are alternative prerequisites for the later essential module, EC3303 Econometrics I. DDP students must read one of these modules even if they have already taken EC2303.

Table 2: Common modules in B. Eng. & B. Soc Sci Double Degree Programme

Choose one from B. Eng Modules (Subject to pre-requisites)	Choose one from BBA Modules (Subject to pre-requisites)
IE2110 Operations Research IE2140 Engineering Economy IE3120 Manufacturing Logistics IE4240 Project Management IE4220 Supply Chain Modeling IE4242 Cost Analysis & Management IE4243 Decision Modelling and Risk Analysis IE4244 Energy: Security, Competitiveness and Sustainability	EC3312 Game Theory & Applications to Economics EC3322 Industrial Organization I EC3332 Money and Banking I EC3333 Financial Economics I EC3382 Transport Economics I EC3385 Maritime and Shipping Economics I EC3386 Port Economics EC4303 Econometrics III EC4322 Industrial Organization II EC4372 Technology & Innovation EC5104 Mathematical Economics EC5314 Time Series Analysis EC5324R Cost Benefit Analysis
Please refer to the DDP programme structure at http://www.nus.edu.sg/prog/engecon/programme2017_beng_bsocsci.htm	

Note:

Common module in B. Eng. & BA Double Degree programmes. You have to select at least 1 module from B. Eng. modules and 1 module from BA modules as shown in Table 2, if student declared IE2110, IE2140, as a CA, IE Technical Elective(s) need to replace these modules.

Common module that also satisfies for Common Elective Modules for degree requirements.