

Bachelor of Engineering (Industrial & Systems Engineering)
Recommended Semester Schedule for FDDP Students (Cohorts AY2021/2022 onwards)

Semester 1	Units	Semester 2	Units
CS1010E Programming Methodology	4	ST2334 Probability and Statistics	4
EG1311 Design and Make	4	DTK1234 Design Thinking	4
GE(Cultres and Connections)	4	ES2631 Critique and Communication of Thinking and Design	4
IE1111R Industrial & Systems Engineering Principles & Practice I [#]	4	IE2111 Industrial & Systems Engineering Principles & Practice II	4
GE(Singapore Studies)	4	PF1101 Fundamentals of Project Management	4
Sub-total	20	Sub-total	20
Semester 3	Units	Semester 4	Units
IE2141 Systems Thinking and Dynamics	4	EG2501 Liveable Cities	4
IE2110 Operations Research I	4	EE2211 Introduction to Machine Learning	4
EG2401A Engineering Professionalism	2	IE2100 Probability Models with Applications	4
IE3101 Statistics for Engineering Applications	4	CDE2000 Creating Narratives	4
IE3110R Simulation	4	GE(Communities and Engagment)	4
CS2040 Data Structures and Algorithms	4		
Sub-total	22	Sub-total	20

Double counted to fullfil both the major requirement and data literacy