

### Study Pattern Recommended for 2018-19 Intake Students in *IEEM* Program (120 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
ENGG 1010	ENGG 1010	IEDA 1010	IEDA 1010	IEDA 1020	IEDA 1020	IEDA 4960	IEDA 4960
CHEM 1010 / 1020 / PHYS 1112 / 1312	MATH 1014	IEDA 2520	IEDA 2540	IEDA 3010	IEDA 4100	Major Elective	Major Elective
MATH 1013	ENGG Intro	ENGG2010	IEDA 3230	IEDA 3250	IEDA 4130	Major Elective	Major Elective
U Core	U Core	LANG 2030	IEDA 3300	ECON 2103 / 2113	LANG 4032	U Core	U Core
U Core-Eng Lang I	U Core	COMP 1021	ENGG2010	ENGG 2010	ENGG 2010	U Core	Free Elective
	U Core-Eng Lang II	MATH 2111	MATH 2011	Major Elective	Major Elective		
		U Core	U Core	U Core	Major Elective		
		U Core					
<i>TOTAL: 12 credits</i>	<i>TOTAL: 15 credits</i>	<i>TOTAL: 18 credits</i>	<i>TOTAL: 15 credits</i>	<i>TOTAL: 15 credits</i>	<i>TOTAL: 15 credits</i>	<i>TOTAL: 15 credits</i>	<i>TOTAL: 15 credits</i>

### Study Pattern Recommended for 2018-19 Intake Students in *DA* Program (120 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
ENGG 1010	ENGG 1010	IEDA 1010	IEDA 1010	IEDA 1020	IEDA 1020	IEDA 4920	IEDA 4920
CHEM 1010 / 1020 / PHYS 1112 / 1312	MATH 1014	IEDA 2520	IEDA 2540	IEDA 3010	IEDA 3560	Major Elective	Free elective
MATH 1013	ENGG Intro	ENGG2010	IEDA 3230	IEDA 3250	LANG 4032	Major Elective	Free elective
U Core	U Core	LANG 2030	IEDA 3300	ECON 2103 / 2113	ENGG 2010	U Core	Free elective
U Core-Eng Lang I	U Core	COMP 1021	ENGG2010	ENGG 2010	Major Elective	Free elective	U Core
	U Core-Eng Lang II	MATH 2111	MATH 2011	Major Elective	Major Elective		
		U Core	U Core	U Core	U Core		
		U Core					
<i>TOTAL: 12 credits</i>	<i>TOTAL: 15 credits</i>	<i>TOTAL: 18 credits</i>	<i>TOTAL: 15 credits</i>	<i>TOTAL: 15 credits</i>	<i>TOTAL: 15 credits</i>	<i>TOTAL: 15 credits</i>	<i>TOTAL: 15 credits</i>

**Note: IEEM and DA students are required to complete either (i) Industrial Training (IEDA1990) or (ii) Industrial Experience (IEDA1991) and Safety Training Module. Courses and training modules are available in Winter and Summer term.**

Remarks:

IE Core	IE Major Electives	Engineering Fundamentals	U Core	Free Electives
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