

**Programme Document**

The following tables give an overview and a summary of the overall curriculum structure for the part-time Degree Programme:

Year-Sem	No.	Module Code	Module Title	QF Level	Credit Points
Y1 (S1-S3)	1	GEC4201	English for Academic Studies 1	4	3
	2	GEC4301	The Human Spirit	4	3
	3	SBS4111	Calculus	4	3
	4	SBS4112	Engineering Physics	4	3
	5	SBS4113	Architecture & Buildings	4	3
	6	SBS4125	Engineering Drawing & Construction CAD	4	3
Y2 (S1-S3)	1	GEC4101	Chinese 1	4	3
	2	SBS4114	Built Environment	4	3
	3	SBS4121	Fluid Mechanics	4	3
	4	SBS4123	Electrical Services Fundamental	4	3
	5	SBS4124	Engineering Thermodynamics	4	3
	6	SBS4109	Safety, Health & Industrial Training	4	(3) <sup>#</sup>
<b>Year-1 &amp; 2 Sub-total</b>					<b>33</b>
Y3 (S1-S3)	1	GEC4303	Social Dynamics of Organisations	4	3
	2	---	Select one GE Elective	5	3
	3	SBS4211	Heat & Mass Transfer	4	3
	4	SBS5212	Advanced Electrical Technology	5	3
	5	SBS5225	HVACR 1	5	3
Y4 (S1-S3)	1	GEC4302	Habits of Scientific Thinking	4	3
	2	---	Select one GE Elective	5	3
	3	SBS5221	Piped Services	5	3
	4	SBS5222	Indoor Environmental Engineering	5	3
	5	SBS5223	Power Distribution & Machines	5	3
	6	SBS5224	Engineering Management	5	3
<b>Year-3 &amp; 4 Sub-total</b>					<b>33</b>

Year-Sem	No.	Module Code	Module Title*	QF Level	Credit Points	
Y5-S1	1	GEC5202 <sup>\$</sup>	English for Academic Studies 2 <sup>\$</sup>	5	3	18
	2	SBS5211 <sup>\$</sup>	Advanced Engineering Mathematics <sup>\$</sup>	5	3	
Y5-S2	3	GEC5102	Chinese 2	5	3	
	4	SBS5311	HVACR 2	5	3	
	5	SBS5313	Fire Services	5	3	
Y5-S3 <sup>@</sup>	6	GEC5206	English for Professional Purposes	5	3	
<b>Year-5 Sub-total</b>					<b>18</b>	
Y6-S1	1	SBS5312	Lighting Technology	5	3	15
	2	SBS5322	Basics of Building Information Modelling	5	3	
Y6-S2	3	SBS5314	Commissioning of Facilities	5	3	
	4	SBS5321	Numerical Method for Analysis	5	3	
Y6-S3 <sup>@</sup>	5	---	GE Elective 1	5	3	
<b>Year-6 Sub-total</b>					<b>15</b>	
Y7-S1	1	SBS5413	Building Sustainability & Green Building Assessment	5	3	18
	2	SBS5412	Design for Operation & Maintenance	5	3	
Y7-S2	3	SBS5411	Building Information Modelling for BSE	5	3	
	4	SBS5421	Building Energy Efficiency cum Carbon Emission	5	3	
	5	---	Programme Elective 1	5	3	
Y7-S3 <sup>@</sup>	6	---	GE Elective 2	5	3	
<b>Year-7 Sub-total</b>					<b>18</b>	
Y8-S1	1	SBS5397	Final Year Project 1 (BSE Conceptual Design)	5	3	15
	2	---	Programme Elective 2	5	3	
	3	---	Programme Elective 3	5	3	
Y8-S2	4	SBS5498	Final Year Project 2 (Applied Research Project)	5	3	
	5	SBS5499	Final Year Project 3 (MEP Design)	5	3	
<b>Year-8 Sub-total</b>					<b>15</b>	
<b>Total Credit Points for Degree Programme</b>					<b>132</b>	

Note:

The actual delivery of the modules is subject to the arrangement of the respective Faculty/School.

# The Work-integrated Learning modules must be completed before graduation. It will be assessed on a Pass/Fail basis and will not be counted as part of the required minimum number of CPs for graduation or included in the calculation of the Grade Point Average (GPA).

@ Summer Semester

\$ Module can be waived based on advanced standing of equivalent subject.