

**Programme Document**

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

Year of study	Sem	No.	Module Code	Module Title	QF Level	Credit Points
Year 5	S1	1	SBS5211	Advanced Engineering Mathematics <sup>\$</sup>	5	3
		2	GEC5202	English for Academic Studies 2	5	3
		3	SBS5221	Piped Services	5	3
		4	SBS5223	Power Distribution & Machines	5	3
	S2	5	GEC5102	Chinese 2	5	3
		6	SBS5212	Advanced Electrical Technology	5	3
		7	SBS5313	Fire Services	5	3
	SS@	8	GEC5206	English for Professional Purposes	5	3
<b>Year 5 Sub-total</b>						<b>24</b>
Year 6	S1	1	SBS5225	HVACR 1	5	3
		2	SBS5312	Lighting Technology	5	3
		3	SBS5411	BIM for MEP	5	3
	S2	4	---	Programme Elective 1	5	3
		5	SBS5311	HVACR 2	5	3
		6	SBS5431	Building Automation & Control	5	3
	SS@	7	---	GE Elective 3	5	3
		8	SBS5309	Work-integrated Learning 2 <sup>#</sup>	5	3
<b>Year 6 Sub-total</b>						<b>24</b>
Year 7	S1	1	---	Programme Elective 2	5	3
		2	SBS5412	Design for Operation & Maintenance	5	3
		3	SBS5397	BSE Conceptual Design	5	3
	S2	4	SBS5421	Building Energy & Carbon Assessment	5	3
		5	SBS5498	Final Year Applied Research Project	5	3
		6	SBS5499	BSE Detailed Design	5	3
	SS@	7	---	GE Elective 4	5	3
<b>Year 7 Sub-total</b>						<b>21</b>
<b>Total Credit Points for Degree Programme</b>						<b>69</b>

Note:

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

<sup>\$</sup> Additional Core Modules

<sup>#</sup> The Work-integrated Learning modules must be completed before graduation.

<sup>@</sup> Summer Semester