

D. Programme Overview and Curriculum

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 ^{\$}	5	3	12
		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	9
		6	SBS5212	Advanced Electrical Technology	5	3	
		7	SBS5313	Fire Services	5	3	
	SS [@]	8	GEC5206	English for Professional Purposes	5	3	3
		Year 5 Sub-total					24
Year 6	S1	1	SBS5225	HVACR 1	5	3	9
		2	SBS5312	Lighting Technology	5	3	
		3	SBS5411	BIM for MEP	5	3	
	S2	4	---	Programme Elective 1	5	3	9
		5	SBS5311	HVACR 2	5	3	
		6	SBS5431	Building Automation & Control	5	3	
	SS [@]	7	---	GE Elective 3	5	3	6
		8	SBS5309	Work-integrated Learning 2 [#]	5	3	
		Year 6 Sub-total					24
Year 7	S1	1	---	Programme Elective 2	5	3	9
		2	SBS5412	Design for Operation & Maintenance	5	3	
		3	SBS5397	BSE Conceptual Design	5	3	
	S2	4	SBS5421	Building Energy & Carbon Assessment	5	3	9
		5	SBS5498	Final Year Applied Research Project	5	3	
		6	SBS5499	BSE Detailed Design	5	3	
	SS [@]	7	---	GE Elective 4	5	3	3
		Year 7 Sub-total					21
		Total Credit Points for Degree Programme					69

Note:

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

^{\$} Additional Core Modules

[#] The Work-integrated Learning modules, which is equivalent to 3 Credit Points (CP) must be completed before graduation. It will be included in the calculation of the Grade Point Average (GPA).

[@] Summer Semester