

Programme Overview and Curriculum

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

Year-Sem	No.	Module Code	Module Title	QF Level	Credit Points	
Y3-S5	1	SBS5211	Advanced Engineering Mathematics ^s	5	3	18
	2	GEC5202	English for Academic Studies 2	5	3	
	3	SBS5221	Piped Services	5	3	
	4	SBS5223	Power Distribution & Machines	5	3	
	5	SBS5225	HVACR 1	5	3	
	6	SBS5312	Lighting Technology	5	3	
Y3-S6	1	GEC5102	Chinese 2	5	3	15
	2	GEC5206	English for Professional Purposes	5	3	
	3	SBS5212	Advanced Electrical Technology	5	3	
	4	SBS5311	HVACR 2	5	3	
	5	SBS5313	Fire Services	5	3	
Y3-SS@	1	SBS5309	Work-integrated Learning 2 [#]	5	3	3
Year-3 Sub-total					36	
Y4-S7	1	---	GE Elective 3	5	3	18
	2	---	GE Elective 4	5	3	
	3	---	Programme Elective 1	5	3	
	4	SBS5411	BIM for MEP	5	3	
	5	SBS5412	Design for Operation & Maintenance	5	3	
	6	SBS5397	BSE Conceptual Design			
Y4-S8	1	---	Programme Elective 2	5	3	15
	2	SBS5421	Building Energy & Carbon Assessment	5	3	
	3	SBS5431	Building Automation & Control	5	3	
	4	SBS5498	Final Year Applied Research Project	5	3	
	5	SBS5499	BSE Detailed Design	5	3	
Year-4 Sub-total					33	
Total Credit Points for Degree Programme					69	

Note:

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

[#] 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

^s Additional Core Module