

Programme Document

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	GEC5102	Chinese 2	5	3
	2	GEC5202	English for Academic Studies 2	5	3
	3	SGE5311	Sustainability & Corporate Social Responsibility	5	3
	4	SGE5321	Green Engineering Laboratory	5	3
	5	SGE5331	Renewable Energy Systems	5	3
Y3-S6	1	GEC5206	English for Professional Purposes	5	3
	2	---	GE Elective 2	5	3
	3	SGE5342	Energy Engineering & Conservation	5	3
	4	SGE5352	Machine Learning	5	3
	5	---	Programme Elective 1	5	3
Year-3 Sub-total					30
Y4-S7	1	---	GE Elective 3	5	3
	2	SGE5411	Environmental Impact Assessment	5	3
	3	SGE5421	Machine Learning for Environmental Applications	5	3
	4	SGE5498	Final Year Project 1	5	3
	5	SGE4309 [#]	Work-Integrated-Learning (WIL)	4	6
Y4-S8	1	---	GE Elective 4	5	3
	2	SGE5432	IoT in Energy Management	5	3
	3	---	Programme Elective 2	5	3
	4	SGE5499	Final Year Project 2	5	3
Year-4 Sub-total					30
Total Credit Points for Degree Programme					60

Note:

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

[#] The Work-integrated Learning module (SGE4309) must be completed before graduation. Students are required to complete *WIL* module, amounting to a minimum of 720 hours, before they can graduate from the degree *programme*. For students who prefer to exit the Programme with a HD award, they are required to complete *WIL* module with a minimum of 360 hours.

^s GEC4305 has been renamed from “Technology, Society & Work” to “A.I. and Blockchain in Society & Work” effective from Semester One, AY 2024/25. Students who have taken the module “Technology, Society & Work” before Semester One, AY 2024/25 do not require to take the module “A.I. and Blockchain in Society & Work” to fulfil the graduation requirement.