

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	18
	2	GEC5202	English for Academic Studies 2	5	3	
	3	STC5311	Advanced Analytical Food Techniques	5	3	
	4	STC5312	Measurement Uncertainty, Method Validation & Development in Testing	5	3	
	5	STC5313	Testing Standards & Regulations	5	3	
	6	STC5314	Quality Control & Food Safety Management	5	3	
Y3-S6	1	GEC5206	English for Professional Purposes	5	3	18
	2	----	Programme Elective 1	5	3	
	3	STC5321	Inspection in Practice	5	3	
	4	STC5322	Material Testing & Characterization	5	3	
	5	STC5324	Analytical Instrumentation for Chemical Testing <i>(This module is only for students in CTC Stream)</i>	5	3	
	6	STC5325	Polymer Chemistry & Nanotechnology <i>(This module is only for students in CTC Stream)</i>	5	3	
	7	STC5326	Analytical Techniques for Microbiological Testing <i>(This module is only for students in MTC Stream)</i>	5	3	
	8	STC5328	Molecular Biology <i>(This module is only for students in MTC Stream)</i>	5	3	
Y3-SS@	1	STC4331	Work-integrated Learning	4	3 [#]	3 [#]
Year-3 Sub-total					36	
Y4-S7	1	----	General Education Elective 3	5	3	21
	2	----	General Education Elective 4	5	3	
	3	STC5411	Management Systems for Inspection & Certification	5	3	
	4	STC5414	Advanced Instrumentation Analysis <i>(This module is only for students in CTC Stream)</i>	5	3	
	5	STC5415	Forensic Analytical Science <i>(This module is only for students in CTC Stream)</i>	5	3	
	6	STC5412	Food Toxicology <i>(This module is only for students in MTC Stream)</i>	5	3	
	7	STC5413	Medical Microbiology <i>(This module is only for students in MTC Stream)</i>	5	3	
	8	STC5410	Final Year Project ^	5	6	
Y4-S8	1	----	Programme Elective 2	5	3	9
	2	STC5421	Advanced Topics in Testing and Certification	5	3	
	3	STC5422	Spectroscopic Techniques for Structure Determination <i>(This module is only for students in CTC Stream)</i>	5	3	

	4	STC5423	Biochemical & DNA Technologies <i>(This module is only for students in MTC Stream)</i>	5	3	
Year-4 Sub-total						30
Total Credit Points for Degree Programme						66

Note:

The actual delivery of the modules is subject to the arrangement of the respective Department/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
- \$ 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.
- ^ Year-long module