

Specialization Electives

Module Code	Module Name	Prerequisite /Co - requisite (if any)	CREDITS	Results
Semesters 5 & 7				
CHE4018	Wastewater Treatment		3	
CHE4016	Air Pollution Control		3	
Semester 7				
CHE4022	Industrial Chemical Technology		3	
Semester 8				
CHE4024	Process Control & Dynamics II	CHE4003	3	
CHE4023	Polymer Science for Engineering		3	
CHE4013	Fermentation Technology		3	
CHE4019	Remediation Technology		3	

Modules in bold print must be taken in the semesters for which they are listed because of prerequisite rules which affect eligibility for accessing modules in subsequent semesters.

F. Y. I.

Please speak to your Programme Director/Academic Advisor about electives and to confirm whether there are module changes. Remember your Academic Advisor is here to assist you in making your academic decisions!

Contact Persons

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University of Technology, Jamaica Module Selection Guide

School of Engineering



B.Eng. in Chemical Engineering Class of 2015

Student's Name:

Student's Id #:

Start Date:

Name - Academic Advisor/PL/PD:

Module Code	Module Name	Prerequisite /Co-requisite (if any)	CREDITS	Results
Semester 1				
CMP1003	Computers in Engineering		4	
COM1020	Academic Writing 1		3	
ENG1009	Engineering Tools		3	
MAT2018	B.Eng. Maths 1		3	
PHS1005	Engineering Physics 1		4	
CSP1001	Community Service Project		1	
Semester 2				
CHE1001	Elementary Principles of Chemical engineering	ENG1009	4	
COM2014	Academic Writing 2	COM1020	3	
MAT2022	B.Eng. Maths 2		3	
ELE2210	Electrical Technology		3	
ENG2008	Engineering Statics		3	
LIB1001	Library Fundamentals		1	
Semester 3				
SPA2007	Spanish for Engineers 3	SPA1002	2	
MAT3004	BEng. Maths 3		3	
CHE2001	Unit Operations 1		4	
CHY2018	Physical Chemistry		4	
CHY2026	Biochemistry		3	
CHY2027	Biochemistry Laboratory		1	
Semester 4				
CHE3012	Unit Operations 2		3	
CHY2017	Analytical Chemistry		4	
ELE2001	Electrical Technology		3	
CHE2004	Chemical & Biological Process Principles		1	
CHE2003	Unit Operations Laboratory 1		2	
STA2023	Engineering Statistics		3	
Summer Session				
ENG4010	Industrial Work Experience		2	

Module Code	Module Name	Prerequisite /Co-requisite (if any)	CREDITS	Results
Semester 5				
ENG3001	Material Science with Corrosion		3	
CHE3006	Chemical Reactions Engineering		3	
CHE3003	Chemical Engineering Thermodynamics 1	CHE1001	3	
CHE3004	Unit Operations 4	CHE1001	3	
CHExxxx	Engineering Specialization Elective		3	
Semester 6				
CHE3001	Unit Operations 3		3	
CHE3008	Unit Operations 5	CHE1001	3	
CHE3007	Chemical Engineering Thermodynamics 2	CHE3003	3	
CHE3005	Unit Operations Laboratory 2	CHE3004	2	
CHE3002	Mathematical Modeling	CMP1003	3	
PRJ402.	Engineering Research Methods	ENG2008 COM2014	3	
Semester 7				
CHExxxx	Engineering Specialization Elective		3	
SPA2006	Spanish for Engineers 4	SPA2007	1	
CHExxxx	University Electives		3	
CHE4003	Process Control & Dynamics 1	CHE2001, CHE3012, CHE3008	3	
ENG4016	Management for Engineers		3	
CHE4001	Chemical Engineering Plant Design and Economics	CHE3012, CHE3004, CHE3008	4	
PRJ4005	Engineering Research Project		4	
Semester 8				
CHExxxx	Engineering Specialization Elective		3	
CHExxxx	Engineering Specialization Elective		3	
CHE4001	Chemical Engineering Plant Design and Economics	CHE3012, CHE3004, CHE3008	4	
PRJ4024	Engineering Research Project	PRJ4023	3	