

National Diploma: Polymer Technology

Qualification: 3234

CURRICULUM

		Presented	Module Code	Credit Value
First Year – Semester 1				
	Compulsory modules:			
	Analytical Chemistry 1	Semester 1	ACC1001	24
	General Chemistry 1	Semester 1	GCC1001	16
	Mathematics 1	Semester 1	WIS1111	7
	Physics 1	Semester 1	MFS1201	7
	Computer Skills 1	Semester 1 or Semester 2	CCP1111 CCP1112	5
	Mathematics I	Semester 1 or Semester 2	WIS1111 WIS1112	10 10
In order to register for Second Semester of First Year, <u>both</u> Chemistry I (GCC1001) and Analytical Chemistry I (ACC1001) modules must be passed.				
		Presented	Module Code	Credit Value
First Year – Semester 2				
	Compulsory modules:			
	Organic Chemistry II		CHO22M2	
	Practical Module	Semester 2	CHO22P2	5
	Theory Module	Semester 2	CHO22T2	5
	Paint Technology II Practical	Semester 2	PPA21P2	10
	Paint Technology II Theory	Semester 2	PPA21T2	10
	Polymer Technology II Practical		PPP2001	
	Polymer Technology II Practical – Rubber	Semester 2	PPP2212	5
	Polymer Technology II Practical – Plastics	Semester 2	PPP2222	5
	Polymer Technology II		PPT2001	
	Polymer Technology II – Rubber	Semester 2	PPT2212	5
	Polymer Technology II – Plastics	Semester 2	PPT2222	5
	Polymer Raw Materials II Practical		WPP2112	
	Polymer Raw Materials II Practical – Rubber	Semester 2	WPP2122	5
	Polymer Raw Materials II Practical – Plastics	Semester 2	WPP2132	5
	Polymer Raw Materials II		WPT2112	
	Polymer Raw Materials II – Rubber	Semester 2	WPT2122	5
	Polymer Raw Materials II – Plastics	Semester 2	WPT2132	5
	Credits First Year			
Second Year				
	Compulsory modules:			

		Presented	Module Code	Credit Value
	Analytical Techniques III Practical	Semester 2	CAP3112	9
	Analytical Techniques III Theory	Semester 2	CAT3112	9
	Process Chemistry II	Semester 2	CPR2222	9
	Paint Technology III Practical ♦	Semester 1	PPA31P1	9
	Paint Technology III ♦	Semester 1	PPA31T1	9
	Polymer Technology III Practical ♦		PPP3001	
	Polymer Technology III Practical – Rubber	Semester 1	PPP3211	4
	Polymer Technology III Practical – Plastics	Semester 1	PPP3221	4
	Polymer Technology III ♦		PPT3001	
	Polymer Technology III – Rubber	Semester 1	PPT3211	4
	Polymer Technology III – Plastics	Semester 1	PPT3221	4
	Polymer Raw Materials III	Semester 1	WPT3111	9
	Polymer Science II Practical	Semester 1	WSP2111	10
	Polymer Science III Practical ♦	Semester 2	WSP3212	9
	Polymer Science II	Semester 1	WST2111	10
	Polymer Science III ♦	Semester 2	WST3212	9
		Presented	Module Code	Credit Value
Third Year				
	Compulsory module:			
	Polymer Production Practice	Year	CPP3110	120

♦ Major modules (please refer to the General Prospectus).

Students can migrate from Analytical Chemistry (3146) to Polymer Technology and vice versa after the first six months of study, subject to space available in the respective courses.