

Program Structure:

Twenty-four Credit hours and a Thesis are required.

1st Semester

Course No.	Course Title	Credit Hours
CHEM 561	Fundamental of Polymer Science	2+0
CHEM 562	Material Science	2+0
CHEM 563	Biopolymers	2+0
CHEM 564	Synthesis of Polymers	2+0
Total		8

2nd Semester

Course No.	Course Title	Credit Hours
CHEM 571	Polymer Degradation and Stabilization	2+0
CHEM 572	Characterization of Polymeric Materials	2+0
CHEM 573	Selected Topics	2+0
CHEM 574	Preparation and Characterization of Polymer	0+2
Total		8

3rd Semester

Course No.	Course Title	Credit Hours
CHEM 581	Polymer Solutions	2+0
CHEM 582	Polymer Transitions	1+0
CHEM 583	Polymer Processing	2+1
CHEM 584	Seminar	2+0
Total		8

4th Semester

.Course No	Course Title	Credit Hours
CHEM 600	Thesis	6
Total		6