



"NTU has been the premier institute of textile education in the country, meeting technical and managerial human resource needs of entire textile industry of Pakistan by establishing crucial link between university and the business world. NTU has strived to achieve the aim of imparting world class education while encouraging research and intellectual growth in the country. As a result, NTU has played a key role in setting high standards of academics and produced professionals to compete in the world. NTU imparts extraordinary academic and social skills among students to face challenges of the time and become the next generation of leaders believing in its motto "Innovate and Lead". NTU has close collaboration with the world renowned universities to promote research and innovation. The hallmark of NTU is that within a short period of 16 years, it is now among top universities of the country. On the face of fast changing and diverse world, NTU stands firm to offer new programmes in relevant, emerging fields for the people of Pakistan and the wider world."

MS Polymer Science & Engineering

MS Polymer Science and Engineering Program aims to provide a technology-based polymer engineering education through the specially designed courses and the extracurricular research training, students will have a good knowledge about the development and prospect of polymer science & engineering within emerging scientific intersecting fields like photonic, magnetic functional polymer materials, biomedical polymer materials, polymeric membrane for separation as well as fine polymer materials, and furthermore, develop abilities of scientific research, product development, education and technical management.



Eligibility Criteria

B.Sc./BE Engineering (Polymer/Materials/Chemical/Textile/Mechanical/Petroleum/Environmental) or BS (Hons.) Chemistry, Physics and Environmental Sciences or M.Sc. (Chemistry, Physics, Environmental Sciences) with a minimum of CGPA 2.00/4.00 or 3.00/5.00 in semester system or 60% in annual/term system from HEC recognized institute/university.

The applicant must pass NTU-GAT (General) test conducted by National Textile University, as per HEC guidelines and adopted by Advanced Studies and Research Board of NTU, Faisalabad with a minimum of 50% cumulative score.

The applicant must not be already registered as a student in any other academic program in Pakistan or abroad.

Merit Criteria

BS Engineering or BS (Hons.) / B.Sc. + M.Sc. 60% / (30+30)	60% weightage,
NTU-GAT (General)	30% weightage
Interview	10% weightage

Semester-Wise Layout of Courses

Semester-I	Credit Hours
Course Title	
Polymers Science Engineering & Applications	3
Advanced Characterization Techniques	3
Polymer Matrix Composites	3
Research Methodology	3
Semester-II	
Mechanics of Polymers	3
Polymer Rheology & Viscoelasticity	3
Elastomeric Materials & Processes	3
Polymer Membrane Design & Applications	3

Semester-III & IV

Research Thesis	6
Total Credit Hours	30

(24 credit hours of course work and 6 credit hours for research work/thesis)

Study Duration

The minimum duration of study will be 4 semesters and maximum of 8 semesters as per HEC guidelines.

How to Apply

Apply online at admissions.ntu.edu.pk

For More Information Please Contact or Visit:

Office of the Graduate Studies & Research, National Textile University, Faisalabad, Sheikhpura Road, Faisalabad. Ph. +92 41 9230081-82 (Ext.257-258) or email at ogsr@ntu.edu.pk website: www.ntu.edu.pk/ogsr