

Curriculum

| Year | Semester | Course Code | Course Title | Credit-Lecture Hr.-Designing Hr. for accreditation for engineering education.-Prac.Training |
|----------|------------|-------------|--|---|
| Evry yr. | Every sem. | FP0001 | Advisor Counsel | 0-0-0-0 |
| 1 | 2 | GC0002 | Introduction to Design | 3-0-3-0 |
| 2 | 1 | GC1001 | Introduction to Polymer Science & Engineering1 | 3-3-0-0 |
| 2 | 1 | GC1002 | Organic Chemistry1 | 3-3-0-0 |
| 2 | 1 | GC1003 | Physical Chemistry Lab. | 2-0-0-4 |
| 2 | 1 | GC1004 | Physical Chemistry1 | 3-3-0-0 |
| 2 | 2 | GC1006 | Organic Chemistry2 | 3-3-0-0 |
| 2 | 2 | GC1007 | Organic Chemistry Lab. | 2-0-0-4 |
| 2 | 2 | GC1008 | Introduction to Polymer Science & Engineering2 | 3-3-0-0 |
| 2 | 2 | GC1009 | Physical Chemistry2 | 3-3-0-0 |
| 2 | 2 | GC1010 | Basic Calculations in Chemical Engineering | 3-3-0-0 |
| 3 | 1 | GC1011 | Polymer Synthesis1 | 3-3-0-0 |
| 3 | 1 | GC1012 | Polymer Physical1 | 3-3-0-0 |
| 3 | 1 | GC1013 | Polymer Synthesis Lab. | 2-0-0-4 |
| 3 | 1 | GC1014 | Instrumental Polymer Analysis1 | 3-3-0-0 |
| 3 | 1 | GC1015 | Fusion Design for Polymer Applications | 3-0-3-0 |
| 3 | 1 | GC1016 | Organic Materials for Information | 3-0-3-0 |
| 3 | 2 | GC1017 | Polymer Synthesis2 | 3-3-0-0 |
| 3 | 2 | GC1018 | Polymer Physical2 | 3-3-0-0 |
| 3 | 2 | GC1019 | Polymer Physical Properties Lab. | 2-0-0-4 |
| 3 | 2 | GC1020 | Instrumental Polymer Analysis2 | 3-3-0-0 |
| 3 | 2 | GC1022 | Design for Polymer Analysis | 3-0-3-0 |
| 3 | 2 | GC1023 | Reaction Engineering | 3-3-0-0 |
| 4 | 1 | GC1024 | Polymer Processing 1 | 3-3-0-0 |
| 4 | 1 | GC1025 | Polymer Materials1 | 3-3-0-0 |
| 4 | 1 | GC1026 | Advanced Biomedical Polymers | 3-3-0-0 |
| 4 | 1 | GC1027 | Polymer Capstone Design | 3-3-0-0 |
| 4 | 1 | GC1028 | Research Project of Science &Engineering1 | 2-2-0-0 |
| 4 | 2 | GC1029 | Polymer Processing2 | 3-3-0-0 |
| 4 | 2 | GC1030 | Polymer Materials1 | 3-3-0-0 |

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| 4 | 2 | GC1031 | Industrial Chemistry | 3-3-0-0 |
| 4 | 2 | GC1032 | Polymeric Drug Delivery System | 3-3-0-0 |
| 4 | 2 | GC1033 | Research Project of Science &Engineering2 | 2-2-0-0 |
| 4 | 1 | GC1037 | Polymer Composite Materials | 3-3-0-0 |
| 4 | 1 | GC1038 | Functional Polymer | 3-3-0-0 |