

## Sample Course Sequence for the 5-year BS Natural Science with a Polymer Chemistry Concentration and MS in Polymer Science

Year One					
Fall Semester		Spring Semester		Summer Semester	
Prin of Chem I 3150:151	3	Prin of Chem II 3150:153	3	Org Lec I 3150:263	3
Prin of Chem I Lab 3150:152	1	Qual Anal 3150:154	2	Org Lab I 3150:265	2
Calc I 3450:221	4	Eng Comp II 3300:112 or			

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### Polymer Science

- 9871:401 Intro to Elastomers 3
- 9871:402 Intro to Plastics 3
- 9871:499 Rsch Prob in Polymer Sci 10

Or

- 9871:497 Honors Proj in Polymer Sci 10

### Electives – 8 credits from the following

- 3100:111 Principles of Biology I 4
- 3100:112 Principles of Biology II 4
- 3100: 211 General Genetics 3
- 3100:3xx Any two 300 level Biology 6
- 3650: 301 Elementary Modern Physics 3
- 3650:340 Thermal Physics 3
- 3650:350 Modeling and Simulation 3
- 3650: 441 Quantum Physics 3
- 3650:470 Intro to solid-state Physics 3
- 3150:480 Advanced Lab III 2
- 3150: 463 Advanced Organic Chem 3
- 3150:402 Biochemistry Lecture II 3
- 3470:461 Applied Statistics 4
- 3460:209 Intro to Computer Programming
- 3460:126 Intro to Visual Basic Programming
- 9871:407 Intro to Polymer Science 4