

NAME: _____ ID Number: _____

**THE UNIVERSITY OF AKRON
DEPARTMENT OF CHEMISTRY**

Date Admitted to Arts/Sciences: _____

STUDENT PROGRAM OF STUDY FOR THE B.S. DEGREE IN CHEMISTRY – POLYMER OPTION

This program of study is effective for **5 YEARS** from the date of signature. If you change your major or transfer to another college, a new program of requirements must be drawn up. A minimum of 120 earned, approved semester credits is needed for graduation; at least 40 semester credit hours must be at the 300/400 level (certain substitutions may be made with the consent of the advisor, department chair and dean). This course of study provides the necessary 40 credits.

Chemistry: 3150	Credits	C	E	Grade
Core Requirements:				
3150:151 Principles of Chemistry I Lecture	3	___	___	___
3150:152 Principles of Chemistry I Laboratory	1	___	___	___
3150:153 Principles of Chemistry II Lecture	3	___	___	___
3150:154 Qualitative Analysis	2	___	___	___
3150:263 Organic Chemistry I Lecture	3	___	___	___
3150:264 Organic Chemistry II Lecture	3	___	___	___
3150:265 Organic Chemistry I Laboratory	2	___	___	___
3150:266 Organic Chemistry II Laboratory	2	___	___	___
3150:313 Physical Chemistry I Lecture	3	___	___	___
3150:314 Physical Chemistry II Lecture	3	___	___	___
3150:380 Advanced Chemistry Laboratory I	2	___	___	___
3150:381 Advanced Chemistry Laboratory II	2	___	___	___
3150:423 Analytical Chemistry I	3	___	___	___
3150:424 Analytical Chemistry II	3	___	___	___
3150:472 Advanced Inorganic Chemistry	3	___	___	___

Polymer Courses:

9871:403 Polymer Chemistry - required	3	___	___	___
9871:404 Polymer Physics	3	___	___	___
or				
9871:405 Polymer Science Laboratory	3	___	___	___
9871:499 Research Problems in Polymer Science	3	___	___	___
or				
3150:499 Research Problems in Chemistry	3	___	___	___

Non-Chemistry Required Courses:

Mathematics: 3450	Credit	C	E	Grade
3450:221** Analytical Geometry – Calculus I	4	___	___	___
3450:222** Analytical Geometry – Calculus II	4	___	___	___
3450:223** Analytical Geometry-Calculus III	4	___	___	___
3450:335 Introduction to Ordinary Differential Equations	3	___	___	___

Non-Chemistry Required Courses (Continued):

Physics:	3650	Credit	C	E	Grade
3650:291**	Elementary Classical Physics I	4	___	___	___
3650:292**	Elementary Classical Physics II	4	___	___	___

** These courses are acceptable for 300/400 level credit

Foreign Language: 3500 – 3580 _____

101	Beginning I	4	___	___	___
102	Beginning II	4	___	___	___
201	Intermediate I	3	___	___	___
202	Intermediate II	3	___	___	___
OR					
7700:101	Introduction to American Sign Language	3	___	___	___
7700:102	American Sign Language I	3	___	___	___
7700:201	American Sign Language II	3	___	___	___
7700:202	Conversational American Sign Language	3	___	___	___
7700:222	Survey of Deaf Culture in America	2	___	___	___

General Education Requirements: Please refer to the Undergraduate Bulletin.

2540:265	Professional Communications and Presentations	3	___	___	___
OR					
7600:105	Introduction to Public Speaking	3	___	___	___
OR					
7600:106	Effective Oral Communication	3	___	___	___
3300:111	English Composition	3	___	___	___
3300:112	English Composition	3	___	___	___
_____	Social Sciences	3	___	___	___
_____	Social Sciences	3	___	___	___
_____	Physical Education	.5	___	___	___
_____	Physical Education	.5	___	___	___
3400:210	Humanities in West I (required)	4	___	___	___
_____	Humanities (refer General Bulletin for details)	3	___	___	___
_____	Humanities (refer General Bulletin for details)	3	___	___	___
_____	Area Studies _____	2	___	___	___
_____	Area Studies _____	2	___	___	___

COMMENTS: _____

Student's Signature *Advisor's Signature* *Date*

(C – Completed; E- Exempt due to transfer credit, advanced placement, etc.) 1/2018