

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

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 are 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 Core Requirements:	Credits	C	E	Grade
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 (Laboratory)	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 Laboratory I	2	_____	_____	_____
3150:381 Advanced Laboratory II	2	_____	_____	_____
3150:423 Analytical Chemistry I Lecture	3	_____	_____	_____
3150:424 Analytical Chemistry II Lecture	3	_____	_____	_____
3150:472 Advanced Inorganic Chemistry Lecture	3	_____	_____	_____
3150:480 Advanced Laboratory III	2	_____	_____	_____

A total of 7 semester credits from Chemistry/Polymer Science elective list below:

3150:199 Introduction to Chemistry Seminar	1	_____	_____	_____
3150:399 Internship in Chemistry **	1-3	_____	_____	_____
3150:401 Biochemistry Lecture I	3	_____	_____	_____
3150:402 Biochemistry Lecture II	3	_____	_____	_____
3150:463 Advanced Organic Chemistry Lecture	3	_____	_____	_____
3150:497 Honors Project in Chemistry*	1-2	_____	_____	_____
3150:498 Special Topics: Chemistry*	1-2	_____	_____	_____
3150:499 Research Problem in Chemistry*	1-2	_____	_____	_____
9871:403 Polymer Chemistry	3	_____	_____	_____
9871:404 Polymer Physics	3	_____	_____	_____
9871:405 Polymer Science Laboratory	3	_____	_____	_____

*Course may be repeated for a total of 8 credits

** Course may be repeated for a total of 6 credits

Non-Chemistry Required Courses:

Mathematics: 3450

	Credits	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	_____	_____	_____

Physics: 3650

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: 3500-3850:

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 General Bulletin for details.

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 I	3	_____	_____	_____
3300:112 English Composition II	3	_____	_____	_____
_____ Social Sciences	3	_____	_____	_____
_____ Social Sciences	3	_____	_____	_____
_____ Physical Education	½	_____	_____	_____
_____ Physical Education	½	_____	_____	_____
3400:210 Humanities in Western 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.)

5/2018