NAME	ID	Number							
THE UNIVERSITY OF AKRON DEPARTMENT OF CHEMISTRY									
Date Admit	tted to Arts and Sciences:								
	STUDENT PROGRAM OF STUDY FOR								
	m of study is effective for 5 years from the c								
another a co	llege, you will have to agree to a new progr	am of study. A	mınımu	m of 120	Dearned, approved				
	edits is needed for graduation; at least 40 ser								
	s may be made with the consent of the advist necessary 40 credits at the 300/400 level.	or, department	chan, an	u uean).	This course of study				
provides the	necessary 40 creates at the 500/400 level.								
Chemistry:	3150	Credits	\mathbf{C}	${f E}$	Grade				
Core Requi	rements:								
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 Lecture I	3							
3150:264	Organic Lecture II	3							
3150:265	Organic Laboratory I	2							
3150:266	Organic Laboratory II	2							
3150:305	Physical Chemistry for Biochemistry OR	4							
3150:313	Physical Chemistry I**	3							
3150:314	Physical Chemistry II**	3	<u></u> -						
3150:370	Biochemistry Laboratory	2							
3150:401	Biochemistry Lecture I	3							
3150:402	Biochemistry Lecture II	3							
3150:480	Advanced Chemistry Laboratory III	2							
	/314 Physical Chemistry I/II – both courses	would need to b	e taken	to meet	the 3150:305				
	Chemistry for Biosciences requirement.								
Biology: 31		4							
3100:111	Principles of Biology I	4							
3100:112	Principles of Biology II	4							
3100:211	General Genetics	3							
3100:212	General Genetics Laboratory	1							
3100:311	Cell and Molecular Biology	4							
3100:480	Molecular Biology	3							
3100:485	Cell Physiology	3							
3100:486	Physiology lab	2							
Electives: A	At least eight (8) credits from the following.	Only one of th	e two sta	atistics c	courses listed can be				
considered f	For credit.								
3100:331	Microbiology	4							
3100:437	Immunology	4							
3100:481	Advanced Genetics	3							
3150:199	Introductory Seminars in Chemistry	1							
3150:380	Advanced Chemistry Laboratory I	2							
3150:381	Advanced Chemistry Laboratory II	2							
3150:399	Internship in Chemistry**	1-3							
3150:423	Analytical Chemistry I	3							

3150:424	Electives (C	ontinued):	Credits	\mathbf{C}	E	Grade
3150:472			3			
Storage Stor	3150:463	Advanced Organic Chemistry	3			
1-8 3470:491 Probability and Statistics for Engineers 2 9871:407 Polymer Science 4 9871:499 Research Problems in Polymer Science 1-3 9871:407 Polymer Science 1-3 9	3150:472	Advanced Inorganic	3			
3470-401	3150:497	Honors Project	2-8			
9871:407 Polymer Science 4 9871:499 Research Problems in Polymer Science 1-3 **Course may be repeated for a total of 6 credits **Physics: 3650 3650:261 Physics for Life Sciences I 4 3650:262 Physics for Life Sciences II 4 3650:291 Elementary and Classical Physics I 4 3650:292 Elementary and Classical Physics II 4 **Mathematics: 3450 3450:149 Pre-Calculus 4 3450:212 Analytical Geometry-Calculus I 4 3450:222 Analytical Geometry-Calculus II 4 **Foreign Language: 3500-3580 101&102 Beginning I, Beginning II 8 201&202 Intermediate I, Intermediate II 6 or 7700:101, 102, 201, 202, and 222 4(Introduction to American Sign Language, American Sign Language I & II, Conversational American Sign Language and Survey of Deaf Culture in America) **General Education Requirements: Please refer to the Undergraduate Bulletin. 2540:265 Professional Commun. & Presentations 3 or 7600:105 Introduction to Public Speaking 3 or 7600:105 Introduction to Public Speaking 3 300:111 English Composition II 3 3300:111 English Composition II 3 3300:112 English Composition II 3 3300:112 English Composition II 3 3300:112 English Composition II 3 3300:113 Social Science 3 Humanities (refer General Bulletin) 3 Humanities (refer General Bulletin) 3 Area Studies 2 COMMENTS: **Student's Signature** **Date*** **Date** **Date*** **Date** **Date**	3150:499	Research Problems	1-8			
1-3	3470:401	Probability and Statistics for Engineers	2			
#* Course may be repeated for a total of 6 credits Physics: 3650 3650:261	9871:407	Polymer Science	4			
Physics: 3650 3650:261 Physics for Life Sciences I 4 4 3650:262 Physics for Life Sciences II 4 4 3650:262 Physics for Life Sciences II 4 4 3650:292 Elementary and Classical Physics I 4 3650:292 Elementary and Classical Physics II 4 3650:292 Analytical Geometry-Calculus I 4 3450:222 Analytical Geometry-Calculus I 4 3650:222 Analytical Geometry-Calculus II 4 3650:222 Analytical Geometry-Calculus II 4 3650:222 Analytical Geometry-Calculus II 5 4 3650:222 Analytical Geometry-Calculus II 6 3650:360 3650:360 3650:360 3650:360:360 3650:360:360:360:360:360:360:360:360:360:36	9871:499	Research Problems in Polymer Science	1-3			
Action	** Course m	ay be repeated for a total of 6 credits				
Action	Physics: 365	50				
Second	3650:261	Physics for Life Sciences I	4			
Mathematics: 3450 3450:149 Pre-Calculus 4	3650:262	•	4			
Mathematics: 3450 3450:149 Pre-Calculus 4	3650:291	Elementary and Classical Physics I	4			
3450:149	3650:292	Elementary and Classical Physics II	4			
3450:149	Mathematic	es: 3450				
3450:221 Analytical Geometry-Calculus I 4 3450:222 Analytical Geometry-Calculus II 4 Foreign Language: 3500-3580 101&102 Beginning I, Beginning II 8 201& 202 Intermediate I, Intermediate II 6 or 7700:101, 102, 201, 202, and 222 14 (Introduction to American Sign Language, American Sign Language I & II, Conversational American Sign Language and Survey of Deaf Culture in America) General Education Requirements: Please refer to the Undergraduate Bulletin. 2540:265 Professional Commun. & Presentations 3			4			
Student's Signature Advisor's Contends Table 1						
101&102	3450:222					
101&102	Foreign Lai	nguage: 3500-3580				
201& 202 Intermediate I, Intermediate II or 7700:101, 102, 201, 202, and 222 14 (Introduction to American Sign Language, American Sign Language I & II, Conversational American Sign Language and Survey of Deaf Culture in America) General Education Requirements: Please refer to the Undergraduate Bulletin. 2540:265 Professional Commun. & Presentations or 7600:105 Introduction to Public Speaking or 7600:106 Effective Oral Communication 3	_		8			
7700:101, 102, 201, 202, and 222 14	201& 202					
(Introduction to American Sign Language, American Sign Language I & II, Conversational American Sign Language and Survey of Deaf Culture in America) General Education Requirements: Please refer to the Undergraduate Bulletin. 2540:265 Professional Commun. & Presentations		or				
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General Education Requirements: Please refer to the Undergraduate Bulletin. 2540:265 Professional Commun. & Presentations or 7600:105 Introduction to Public Speaking or 7600:106 Effective Oral Communication 3 3300:111 English Composition I 3 3300:112 English Composition II 3 Social Science 3 Social Science 3 Physical Education .5 Physical Education .5 Physical Education .5 Humanities in the Western Traditions I 4 Humanities (refer General Bulletin) 3 Humanities (refer General Bulletin) 3 Area Studies 2 Area Studies 2 COMMENTS: Date	(Introduction	n to American Sign Language, American Sign	n Language I	& II, Con	versatio	onal American Sign
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Or 7600:105 Introduction to Public Speaking 3	General Ed	ucation Requirements: Please refer to the	Undergradua	ite Bullet	in.	
Total	2540:265		3			
7600:106 Effective Oral Communication 3 3300:111 English Composition II 3 3300:112 English Composition II 3 Social Science 3	7600:105	Introduction to Public Speaking	3			
3300:111 English Composition I 3 3300:112 English Composition II 3 Social Science 3 Physical Education .5 Physical Education .5 3400:210 Humanities in the Western Traditions I 4 Humanities (refer General Bulletin) 3 Humanities (refer General Bulletin) 3 Area Studies 2 Area Studies 2 COMMENTS: Date	7600:106	-	3			
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