TROY UNIVERSITY M MY DEGREE MAP COLLEGE OF EDUCATION RECOMMENDED ACADEMIC PLAN CHEMISTRY EDUCATION – PROGRAM YEAR 2017-18

1 st Semester	HOURS	2 ND SEMESTER	HOURS
TROY 1101	1	ENG 1102/04	3
ENG 1101/03	3	CHM 1143/L143	3/1
MTH 1125	4	MTH 1126	4
AREA II FINE ARTS COURSE	3	EDU 3310	3
CHM 1142/L142	3/1	PHY 2262/L262	3/1
	15		18
3 RD SEMESTER	HOURS	4 th Semester	HOURS
AREA II LIT COURSE	3	IS 2241	3
BIO 1100/L100	3/1	CHM 3343/L343	3/1
CHM 3342/L342	3/1	AREA II HUM/FA COURSE	3
	1000		
PHY 2263/L263	3/1	EDU 3303	3
EDU 3305	3	AREA IV SS COURSE	3
	18	ADMIT TO TEP	16
5 th Semester	HOURS	6 th Semester	HOURS
CHM 3381/L381	3/1	CHM 3382	3
CHM 2242/L242	3/1	CHM 4444	3
AREA II HUM/FA COURSE	3	CHM 4445/L445	3/1
SPE 3340	3	APPROVED MAJ ELEC	2
EDU 4400	3	RED 4401	0
	5		3
	N. A.	AREA IV SS COURSE	3
	20		3 3 18
	20	AREA IV SS COURSE	3
7 th Semester	20 Hours	AREA IV SS COURSE 8 th Semester	3 18 Hours
7 th Semester Area IV HIS Course	20 Hours 3	AREA IV SS COURSE 8 th Semester CHM 4474	3 18 HOURS 9
7 th Semester Area IV HIS Course Approved Maj Elec	20 Hours 3 3/1	AREA IV SS COURSE 8 th Semester	3 18 Hours
7 th Semester Area IV His Course Approved Maj Elec Area IV SS Course	20 HOURS 3 3/1 3	AREA IV SS COURSE 8 th Semester CHM 4474	3 18 HOURS 9
7 th Semester Area IV HIS Course Approved Maj Elec Area IV SS Course CHM 4481	20 HOURS 3 3/1 3 3	AREA IV SS COURSE 8 th Semester CHM 4474	3 18 HOURS 9
7 th Semester Area IV His Course Approved Maj Elec Area IV SS Course	20 HOURS 3 3/1 3	AREA IV SS COURSE 8 th Semester CHM 4474	3 18 HOURS 9
7TH SEMESTERAREA IV HIS COURSEAPPROVED MAJ ELECAREA IV SS COURSECHM 4481EDU 4471	20 HOURS 3 3/1 3 3 3	AREA IV SS COURSE 8 th Semester CHM 4474	3 18 HOURS 9 3
7TH SEMESTERAREA IV HIS COURSEAPPROVED MAJ ELECAREA IV SS COURSECHM 4481EDU 4471FILE YOUR INTENT TO	20 HOURS 3 3/1 3 3	AREA IV SS COURSE 8 th Semester CHM 4474	3 18 HOURS 9
7™ SEMESTER AREA IV HIS COURSE APPROVED MAJ ELEC AREA IV SS COURSE CHM 4481 EDU 4471 FILE YOUR INTENT TO GRADUATE	20 HOURS 3 3/1 3 3 3 3 16	AREA IV SS COURSE 8 th Semester CHM 4474	3 18 HOURS 9 3

UNIVERSITY TM College of Education Recommended Academic Plan Chemistry Education – Program Year 2017-18

COMPLETE ALL REQUIREMENTS

AREA I

(58 HOURS)

	MINIMUM GRADE OF "C" REQUIRED Eng 1101 comp and modern English I Eng 1102 comp and modern English II	3 HOURS 3 HOURS				
AR	EA II					
	TAKE ANY 1000-2000 LEVEL COURSE IN LITERATURE	3 HOURS				
	TAKE ANY 1000-2000 LEVEL COURSE WITH AN EXPANDED HISTORICAL And cultural scope in Fine Arts, including the disciplines of Art, Music, Theatre, Film, or other fine Arts Area.					
	TAKE ANY TWO 1000-2000 LEVEL COURSES WITH AN EXPANDED HISTORICAL AND CULTURAL SCOPE IN THE HUMANITIES/FINE ARTS DISCIPLINES, INCLUDING ENGLISH, FOREIGN LANGUAGES, RELIGION, PHILOSOPHY, CLASSICS, THEATRE, MUSIC, DANCE, COMMUNICATION, SIGN LANGUAGE, INTERDISCIPLINARY STUDIES, OR OTHER HUMANITIES/ FINE ARTS AREAS.	6 HOURS				
	NOTE: A SEQUENCE IN LITERATURE OR HISTORY IS REQUIRED. WHEN SELECTING COURSEWORK In Areas II or IV, please consider this requirement.					
AR	EA III					
	TAKE MTH 1125 Minimum grade of "C" required	4 HOURS				
	TAKE THE FOLLOWING COURSES: BIO 1100/L100 PRINCIPLES OF BIOLOGY AND LAB CHM 1142/L142 general chemistry and Lab	3/1 HOURS 3/1 Hours				
AR	EA IV					
	TAKE ANY 1000-2000 LEVEL COURSE WITH A PRIMARY FOCUS IN HISTORY.	3 HOURS				
	TAKE ANY THREE 1000-2000 LEVEL COURSES FROM THE FOLLOWING SOCIAL Science Disciplines: Anthropology, Business, Criminal Justice, Economics, Geography, History, Human Services, Leadership, Interdisciplinary Studies, Nursing, Political Science, Psychology, Religion, Social Work, Sociology, or other Social Science Areas.	9 HOURS				
	NOTE: A SEQUENCE IN LITERATURE OR HISTORY IS REQUIRED. WHEN SELECTING COURSEWORK In Areas II or IV, please consider this requirement.					
AR	EAV					
	TAKE THE FOLLOWING COURSES:TROY 1101UNIVERSITY ORIENTATIONIS2241COMPUTER CONCEPTSMTH1126CALCULUS IIPHY2262/L262PHYSICS I WITH CALCULUS AND LABPHY2263/L263PHYSICS II WITH CALCULUS AND LAB	1 HOUR 3 HOURS 4 HOURS 3/1 HOURS 3/1 HOURS				

EVERY REASONABLE ATTEMPT TO ENSURE ACCURACY HAS BEEN MADE. SOME COURSES (SUCH AS DEVELOPMENTAL OR PRE-REQUISITE COURSES) ARE NOT REFLECTED IN THIS DEGREE MAP. COMPLE-TION OF DEGREE REQUIREMENTS IS BASED ON THE SPECIFIC CATALOG YEAR FOR EACH STUDENTA MINIMUM OF 120 HOURS IS REQUIRED FOR ALL BACCALAUREATE DEGREE PROGRAMS.AT LEAST 25% OF THE CREDIT HOURS REQUIRED FOR THE DEGREE MUST BE COMPLETED IN RESIDENCY WITH TROY UNIVERSITY.AT LEAST 12 SEMESTER HOURS OF RESIDENCY MUST BE COMPLETED IN EACH MAJOR FIELD(S) OF STUDY.A MINIMUM GPA OF 2.0 OVERALL AND IN THE MAJOR IS REQUIRED TO GRADUATE.NOTE: PLEASE CONSULT THE COLLEGE OF EDUCATION OR CURRENT CATALOG FOR OTHER REQUIREMENTS NOT COVERED IN THIS DOCUMENT.NOTES: A SEQUENCE IN LITERATURE OR HISTORY IS REQUIRED. PLEASE CONSIDER THIS REQUIREMENT. WHEN SELECTING COURSE-WORK IN AREAS II OR IV.

COLLEGE OF EDUCATION RECOMMENDED ACADEMIC PLAN CHEMISTRY EDUCATION – PROGRAM YEAR 2017-18

CHEMISTRY COURSES

UNIVERSITY TM

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(30 HOURS)

	IAKE	THE FOLLO	DWING COURSES:	
	CHM	1143/L143	GENERAL CHEMISTRY II AND LAB	3/1 HOURS
	CHM	2242/L242	ANALYTICAL CHEMISTRY AND LAB	3/1 HOURS
	CHM	3342/342	ORGANIC CHEMISTRY I AND LAB	3/1 HOURS
	CHM	3343/L343	ORGANIC CHEMISTRY II AND LAB	3/1 HOURS
	CHM	3381/L381	PHYSICAL CHEMISTRY I AND LAB	3/1 HOURS
			PHYSICAL CHEMISTRY II	3 HOURS
			ADVANCED INORGANIC CHEMISTRY	3 HOURS
			INSTRUMENTAL ANALYSIS AND LAB	3/1 HOURS
СН	EMIST	RY ELECTIV	'E REQUIREMENT	(6 HOURS)
	TAKE		NAL HOURS OF CHEMISTRY ELECTIVES FROM THE FOLLOWING:	
			BIOCHEMISTRY AND LAB (REQ FOR AL TEACHER CERT)	3/1 HOURS
	CHM	1382	PHYSICAL CHEMISTRY ILLAR	1 HOUR
	CHM	4400	SPECIAL TOPICS IN CHEMISTRY	3 HOURS
	CHM	4403	ADVANCED ORGANIC CHEMISTRY	3 HOURS
	CHM	1444	ADVANCED INORGANIC LAB	1 HOUR
	CHM	4491/4492	GUIDED INDEPENDENT RESEARCH	1-3 HOURS
			GUIDED INDEPENDENT STUDY	1-3 HOURS
			SENIOR SEMINAR	1-3 HOURS
	MTH	2210	INTRODUCTORY STATISTICS	3 HOURS
	OFFEELO	SNIAL CTUE		
'KI	JFESSIC	ONAL STUE	JIES	(36 HOURS)
			WING COURSES:	
			DE OF 'C' REQUIRED)	
	EDU		INTRODUCTION TO EDUCATION	3 HOURS
		3305	TEACHING WITH TECHNOLOGY	3 HOURS
	EDU		CURRICULUM & INSTRUCTION DELIVERY	3 HOURS
			EDUCATIONAL PSYCHOLOGY& CLASSROOM ASSESSMENT	3 HOURS
	EDU		CLASSROOM MANAGEMENT	3 HOURS
		3340	DIVERSE LEARNERS	3 HOURS
	RED		READING IN THE CONTENT AREAS	3 HOURS
	CHM		METHODS & MATERIALS	3 HOURS
	SED		INTERNSHIP SEMINAR	3 HOURS
	CHM	4474	INTERNSHIP IN CHEMISTRY	9 HOURS

MY DEGREE MAP SERVES AS A GUIDE TO ASSIST YOU WITH THE PROPER SEQUENCE AND SELECTION OF COURSES. IT DOES NOT REPLACE YOUR PROGRAM EVALUATION (AVAILABLE THROUGH TROJAN WEB EXPRESS), WHICH DEPICTS THE OFFICIAL DOCUMENT USED TO CLEAR STUDENTS FOR GRADUATION. MY DEGREE MAP INCLUDES THE REQUIRED COURSE WORK AND SUGGESTED SEQUENCE OF COURSES FOR A PARTICULAR DEGREE PROGRAM. EVERY REASONABLE ATTEMPT HAS BEEN MADE TO ENSURE ACCURACY OF CONTENT. PLEASE KEEP IN MIND THAT SOME COURSES, SUCH AS DEVELOPMENTAL OR PRE-REQUISITE COURSES, ARE NOT REFLECTED IN MY DEGREE MAP. COMPLETION OF DEGREE REQUIREMENTS IS BASED ON THE SPECIFIC CATALOG YEAR UNDER WHICH YOU WERE ADMITTED TO TROY. PLEASE CONSULT THE COLLEGE CATALOG, YOUR ACADEMIC ADVISOR, YOUR SPECIFIC SCHOOL, DEPARTMENT, OR YOUR PROGRAM EVALUATION FOR ANY ADDITIONAL REQUIREMENTS.