

# MY DEGREE MAP COLLEGE OF EDUCATION RECOMMENDED ACADEMIC PLAN CHEMISTRY EDUCATION-PROGRAM YEAR 2021-22

1ST YEAR							
1ST SEMESTER	HRS	2ND SEMESTER	HRS				
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				
	- 16-15						
TOTAL	15	TOTAL	18				
	2NDY						
3RD SEMESTER	HRS	4TH SEMESTER	HRS				
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				
PHY 2263/L263	3/1	SPE 3340					
EDU 3305	3	AREA IV SS COURSE	3				
тоты	18		1(				
TOTAL	3RD Y	ADMIT TO TEP TOTAL	16				
5TH SEMESTER	HRS	6TH SEMESTER	HRS				
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					
EDU 3303	3	APPROVED MAJ ELEC					
EDU 4400	3	RED 4401	23				
		AREA IV SS COURSE	3				
TOTAL	17	TOTAL	18				
	4TH Y	EAR					
7TH SEMESTER	HRS	8TH SEMESTER	HRS				
AREA IV HIS COURSE	3	СНМ 4474	9				
APPROVED MAJ ELEC	3/1	SED 4454	3				
AREA IV SS COURSE	3						
CHM 4481	3	CONTRACTOR OF A SHORE					
EDU 4471	3						
PRAXIS II: CONTENT AREA EXAM							
SUBMIT GRADUATION APPLICATION	12 20 10		-				
TOTAL	16	TOTAL	12				
MINIMUM HOURS REQUIRED FOR DEGREE 13							
MITTIMOM HOOKS RECOILED FOR DEOREE 150							



## COLLEGE OF EDUCATION RECOMMENDED ACADEMIC PLAN CHEMISTRY EDUCATION-PROGRAM YEAR 2021-22

COMPLETE ALL REQUIREMENTS	(58 HOURS)
AREA I	
MINIMUM GRADE OF "C" REQUIRED Eng 1101 comp and modern English I Eng 1102 comp and modern English II	3 HOURS 3 HOURS
AREA 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.	3 HOURS
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.	
AREA 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
AREA 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 SCIENCES: Anthropology, Economics, Geography, History, Political Science, Psychology, Sociology, LDR 1100, or Advisor Approved Courses (Requiring Substitution Form.)	9 HOURS
NOTE: A SEQUENCE IN LITERATURE OR HISTORY IS REQUIRED. WHEN SELECTING COURSEWORK	

IN AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT.

#### **AREA V**

TAKE 7	THE FOLLOW	ING COURSES:	
TROY	1101	THE UNIVERSITY EXPERIENCE	1 HOUR
IS	2241	COMPUTER CONCEPTS	3 HOURS
MTH	1126	CALCULUS II	4 HOURS
PHY	2262/L262	PHYSICS I WITH CALCULUS AND LAB	3/1 HOURS
PHY	2263/L263	PHYSICS II WITH CALCULUS AND LAB	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 STUDENT.A 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 2021-22

#### CHEMISTRY COURSES 2.75 GPA REQUIRED

### (30 HOURS)

TAKE	THE FOLLOW	ING COURSES:	
		GENERAL CHEMISTRY II AND LAB	3/1 HOURS
CHM		ANALYTICAL CHEMISTRY AND LAB	3/1 HOURS
CHM		ORGANIC CHEMISTRY LAND 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
CHM	3382	PHYSICAL CHEMISTRY II	3 HOURS
CHM	4444	ADVANCED INORGANIC CHEMISTRY	3 HOURS
CHM		INSTRUMENTAL ANALYSIS AND LAB	3/1 HOURS
CHEMIST	RY ELECTIVE	REQUIREMENT	(6 HOURS)
TAKE		AL HOURS OF CHEMISTRY ELECTIVES FROM THE FOLLOWING:	
СНМ	3352/L352	BIOCHEMISTRY AND LAB (REQ FOR AL TEACHER CERT)	3/1 HOURS
СНМ	L382	PHYSICAL CHEMISTRY II LAB	1 HOUR
CHM	4400	SPECIAL TOPICS IN CHEMISTRY	3 HOURS
CHM	4403	ADVANCED ORGANIC CHEMISTRY	3 HOURS
CHM	L444	ADVANCED INORGANIC CHEMISTRY LAB	1 HOUR
CHM	4491/4492	GUIDED INDEPENDENT RESEARCH	1-3 HOURS
CHM	4493/4494	GUIDED INDEPENDENT STUDY	1-3 HOURS
CHM	4499	SENIOR SEMINAR	1 HOUR
STAT	2210	INTRODUCTORY STATISTICS	3 HOURS
PROFESSIO	ONAL STUDI	ES	(36 HOURS)
TAKE	THE FOLLOW	ING COURSES:	
(MINI	MUM GRADE	OF 'C' REQUIRED)	
EDU	3310	INTRODUCTION TO EDUCATION	3 HOURS
EDU	3305	TEACHING WITH TECHNOLOGY	3 HOURS
EDU	4471	CURRICULUM & INSTRUCTION DELIVERY	3 HOURS
EDU	3303	EDUCATIONAL PSYCHOLOGY& CLASSROOM ASSESSMENT	3 HOURS
EDU	4400	CLASSROOM MANAGEMENT	3 HOURS
SPE	3340	DIVERSE LEARNERS	3 HOURS
RED	4401	READING IN THE CONTENT AREAS	3 HOURS
CHM	4481	METHODS & MATERIALS	3 HOURS
SED	4454	INTERNSHIP SEMINAR	3 HOURS
СНМ	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 WAR AND SUGGESTED SE-QUENCE 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.