

## VERSITY ™MY DEGREE MAPCOLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN<br/>CHEMISTRY MAJOR-PROGRAM YEAR 2021-22

1 <sup>ST</sup> YEAR				
1 <sup>st</sup> SEMESTER	HOURS	2 <sup>ND</sup> SEMESTER	HOURS	
TROY 1101	1	ENG 1102/04	3	
ENG 1101/03	3	CHM 1143/LAB	3/1	
MTH 1125	4	MTH 1126	4	
AREA II FINE ARTS COURSE	3	PHY 2262/LAB	3/1	
CHM 1142/LAB	3/1	The state of the s	and the second	
TOTAL	15	TOTAL	15	
	2 <sup>ND</sup> }	(EAR		
3 <sup>RD</sup> SEMESTER	HOURS	$4^{TH}$ SEMESTER	HOURS	
AREA II LIT COURSE	3	IS 2241	3	
BIO 1100/LAB	3/1	CHM 3343/LAB	3/1	
PHY 2263/LAB	3/1	AREA II HUM/FA COURSE	3	
CHM 3342/LAB	3/1	MINOR COURSE	3	
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TOTAL	15	TOTAL	13	
	3 <sup>rd</sup> Y			
5 <sup>th</sup> Semester	HOURS	6 <sup>th</sup> SEMESTER	HOURS	
CHM 3381/LAB	3/1	CHM 3382	3	
AREA IV SS COURSE	3	APPROVED MAJ ELEC	3/1	
AREA II HUM/FA COURSE	3	MINOR COURSE	3	
CHM 2242/LAB	3/1	MINOR COURSE	3	
FREE ELEC	2	FREE ELEC	3	
TOTAL	16	TOTAL	16	
	4 <sup>th</sup> Y			
7 <sup>th</sup> SEMESTER	HOURS	8 <sup>th</sup> Semester	HOURS	
AREA IV HIS COURSE	3	CHM 4444/LAB	3/1	
APPROVED MAJ ELEC	2	CHM 4445/LAB	3/1	
AREA IV SS COURSE	3	MINOR COURSE	3	
MINOR COURSE	3	FREE ELEC	2	
MINOR COURSE	3	AREA IV SS COURSE	3	
SUBMIT GRADUATION			1000	
APPLICATION				
TOTAL	14	TOTAL	16	
		TOTAL PROGRAM	120	



## COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN CHEMISTRY MAJOR-PROGRAM YEAR 2021-22

COMPLETE ALL REQUIREMENTS	(58 HOURS)	
AREA I		
TAKE THE FOLLOWING COURSES: Eng 1101 comp and modern English I Eng 1102 comp and modern English II Minimum grade of "C" Req.	3 HOURS 3 HOURS	
AREA II		
TAKE ANY 1000 2000 LEVEL COURSE IN LITERATURE 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 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.		
NOTE: A SEQUENCE IN LITERATURE OR HISTORY IS REQ. WHEN SELECTING COURSEWORK IN AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT.		
AREA III		
MTH 1125 CALCULUS Minimum grade of "C" Req_ Bio 1100/L100 Principles of Biology W/ LAB CHM 1142/L142 general chemistry I W/ LAB	4 HOURS 3/1 HOURS 3/1 HOURS	
AREA IV		
TAKE ANY 1000-2000 LEVEL COURSE WITH A PRIMARY FOCUS IN HISTORY Take three 1000-2000 Level Course 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.	3 HOURS 9 HOURS	
NOTE: A SEQUENCE IN LITERATURE OR HISTORY IS REQ. WHEN SELECTING COURSEWORK IN AREAS II or IV, please consider this requirement.		
AREA V		
IS2241COMPUTER CONCEPTS AND APPLICATIONSTROY1101UNIVERSITY ORIENTATIONMTH1126CALCULUS IIPHY2262/L262GENERAL PHYSICS I WITH CALCULUS W/ LABPHY2263/L263GENERAL PHYSICS II WITH CALCULUS W/ LAB	3 HOURS 1 HOUR 4 HOURS 4 HOURS 4 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. COMPLETION 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 07 2.0 OVERALL AND IN THE MAJOR IS REQUIRED TO GRADUATE.NOTE: PLEASE CONSULT THE COLLEGE OF ARTS AND SCIENCES OR CURRENT CATALOG FOR OTHER REQUIREMENTS NOT COVERED IN THIS DEQUMENT.NOTES: A SEQUENCE IN LITERATURE OR HISTORY IS REQUIRED. WHEN SELECTING COURSEWORK IN AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT. COURSEWORK IS REQUIRED. CONSIDER THIS REQUIREMENT. COURSEWORK IN AREAS II AND IV.



## COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN CHEMISTRY MAJOR-PROGRAM YEAR 2021-22

## CHEMISTRY MAJOR

(37 HOURS)

TAKE THE FOLLOWING COURSES:			
2.0 GPA REQUIRED	2 /1 LIQUES		
CHM 1143/L143 GENERAL CHEMISTRY II/LAB	3/1 HOURS		
CHM 2242/L242 ANALYTICAL CHEMISTRY/LAB	3/1 HOURS		
CHM 3342/L342 ORGANIC CHEMISTRY I/LAB	3/1 HOURS		
CHM 3343/L343 ORGANIC CHEMISTRY II/LAB	3/1 HOURS		
CHM 3381/L381 PHYSICAL CHEMISTRY I/LAB	3/1 HOURS		
CHM 3382 PHYSICAL CHEMISTRY II	3 HOURS		
CHM 4444/L444 ADVANCED INORGANIC CHEMISTRY/LAB CHM 4445/L445 INSTRUMENTAL ANALYSIS/LAB	3/1 HOURS 3/1 HOUR		
CHM 4443/L443 INSTRUMENTAL ANALISIS/LAD	3/1 HOUR		
MAJOR ELECTIVE	6 HOURS		
SELECT 6 ADDITIONAL HOURS OF CHEMISTRY COURSES FROM THE FOLLOWING:			
CHM 3352/L352 (3/1), CHM L382 (1), CHM 4400 (3), CHM 4403 (3), CHM 4420/L420,			
CHM 4452, CHM 4491/4492 (1-3), CHM 4493/4494 (1-3), CHM 4499 (1), OR STAT 2210 (3)			
	(10 11 01 10 0)		
MINOR	(18 HOURS)		
AT LEAST ONE 18 SEMESTER HOUR MINOR IS REQUIRED TO COMPLETE THIS DEGREE			
PROGRAM. ADDITIONAL MAJORS ARE ACCEPTABLE.			
FREE ELECTIVES	(7 HOURS)		
TAKE 7 HOURS OF FREE ELECTIVE COURSES.			

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.