## MY DEGREE MAP COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN CHEMISTRY MAJOR-PROGRAM YEAR 2024-25

	1ST YI	EAR		
1ST SEMESTER	HRS	2ND SEMESTER	HRS	
TROY 1101 OR TROY 1105	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			
TOTAL	15	TC	DTAL 15	
2ND YEAR				
3RD SEMESTER	HRS	4TH SEMESTER	HRS	
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	
			an an an an	
TOTAL	15		DTAL 13	
	3RD Y			
5TH SEMESTER	HRS	6TH SEMESTER	HRS	
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		DTAL 16	
	4TH Y			
7TH SEMESTER	HRS	8TH SEMESTER	HRS	
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 Application				
TOTAL	14	TC	OTAL 16	
TOTAL PROGRAM			RAM 120	

## COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN CHEMISTRY MAJOR-PROGRAM YEAR 2024-25

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, Nursing, 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 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, Hospitality, Sport, & Tourism Management, Interdisciplinary Studies, Nursing, Political Science, Psychology, Nutrition, 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 AREA II OR IV, PLEASE CONSIDER THIS REQUIREMENT.	<b>NS</b>
AREA V	
IS 2241 COMPUTER CONCEPTS AND APPLICATIONS TROY 1101 OR TROY 1105 MTH 1126 CALCULUS II PHY 2262/L252 GENERAL PHYSICS I WITH CALCULUS W/LAB	3 HOURS 1 HOUR 4 HOURS 4 HOURS

PHY 2263/L253 GENERAL PHYSICS II WITH CALCULUS W/LAB

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 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 0F 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 DOCUMENT.NOTES: A SEQUENCE IN LITERATURE OR HISTORY IS REQUIRED. WHEN SELECTING COURSEWORK IN AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT. COURSEWORK MARKED WITH AN ASTERISK (\*) ARE INTERNATIONAL COURSES. SIX HOURS OF INTERNATIONAL COURSEWORK IS REQUIRED. CONSIDER THIS REQUIREMENT WHEN SELECTING COURSEWORK IN AREAS II AND IV.

4 HOURS

## ROY COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN CHEMISTRY MAJOR-PROGRAM YEAR 2024-25

CHEMISTRY MAJOR	(37 HOURS)
TAKE THE FOLLOWING COURSES:	
2.0 GPA REQUIRED	
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	3/1 HOURS
CHM 4445/L445 INSTRUMENTAL ANALYSIS/LAB	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)	
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, 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. FOR OWNELTION OF DEGREE REQUIREMENTS IS BASED ON THE SPECIFIC CATALOG YEAR UNDER WHICH YOU WERE ADMITTED TO TROY. PLEASE COURSE SOULT THE COLLEGE CATALOG, YOUR ACADEMIC ADVISOR, YOUR SPECIFIC SCHOOL, DEPARTMENT, OR YOUR PROGRAM EVALUATION FOR ANY ADDITIONAL REQUIREMENTS.