

MY DEGREE MAP COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN CHEMISTRY MAJOR-PROGRAM YEAR 2016-17

1 st Year	Term 1		Term 2		Term 3		Term 4		Term 5	
	MTH 1125	4	CHM 1143/LAB	3/1	ENG 1101/03	3	ENG 1102/04	3	TROY 1101	1
	CHM 1142/LAB	3/1	MTH 1126	4	CHM 3342/LAB	3/1	CHM 3343/LAB	3/1	BIO 1100/LAB	3/1
	TOTAL	8	TOTAL	8	TOTAL	7	TOTAL	7	TOTAL	5
	FALL SEMESTER				SPRING SEMESTER				SUMMER SEMESTER	
	TROY 1101	1	AREA II FINE ARTS COURSE	3	ENG 1102/04	3	PHY 2262/LAB	3/1	SELECT COURSES THAT HAVE NOT	
	ENG 1101/03	3	CHM 1142/LAB	3/1	CHM 1143/LAB	3/1		1 19 10	COMPLETED FROM PREVIOUS TER SEMESTERS AS PREREQUISITE COU	
	MTH 1125	4			MTH 1126	4			OR COURSES TO BE RETAKEN	
		TOTAL 15				TOTAL 15				
	Term 1		Term 2		Term 3		Term 4		Term 5	
	AREA II FINE ARTS COURSE	3	IS 2241	3	PHY 2262/LAB	3/1	PHY 2263/LAB	3/1	APPROVED MAJOR ELEC	3/1
2^{ND}	AREA II LIT COURSE	3	MINOR COURSE	3	AREA IV SS COURSE	3	AREA II HUM/FA COURSE	3		77777
	TOTAL	6	TOTAL	6	TOTAL	7	TOTAL	7	TOTAL	4
YEAR	FALL SEMESTER			•	SPRING SEMESTER				SUMMER SEMESTER	
	AREA II LIT COURSE	3	PHY 2263/LAB	3/1	IS 2241	3	AREA II HUM/FA COURSE	3	SELECT COURSES THAT HAVE NOT	
	BIO 1100/LAB	3/1	CHM 3342/LAB	3/1	CHM 3343/LAB	3/1	MINOR COURSE	3	COMPLETED FROM PREVIOUS TER SEMESTERS AS PREREQUISITE COU	
	TOTAL 15				TOTAL 13				OR COURSES TO BE RETAKEN	1
3 rd YEAR	Term 1		Term 2		Term 3		Term 4		Term 5	
	CHM 3381/LAB	3/1	FREE ELEC	2	MINOR COURSE	3	MINOR COURSE	3	MINOR COURSE	3
	MINOR COURSE	3	CHM 3382	3	CHM 4444	3	AREA IV SS COURSE	3	AREA IV HIS COURSE	3
	TOTAL 7		TOTAL 5		TOTAL 6		TOTAL 6		TOTAL	6
	FAL	ESTER		SPRING S		Semester		Summer Semester		
	CHM 3381/LAB	3/1	CHM 2242/LAB	3/1	CHM 3382	3	MINOR COURSE	3	SELECT COURSES THAT HAVE NOT COMPLETED FROM PREVIOUS TER.	
	AREA IV SS COURSE	3	FREE ELEC	2	APPROVED MAJ ELEC	3/1	FREE ELEC	3	SEMESTERS AS PREREQUISITE COL	
	AREA II HUM/FA COURSE	3			MINOR COURSE	3			OR COURSES TO BE RETAKEN	1
	CALL STATE OF THE		TOTAL 16				TOTAL 16			
	Term 1		Term 2		Term 3		Term 4		Term 5	
	CHM 2242/LAB	3/1	CHM 4445/LAB	3/1	APPROVED MAJ ELEC	2	AREA II HUM/FA COURSE	3		
	MINOR COURSE	3	AREA IV SS COURSE	3	FREE ELEC	3	FREE ELEC	3	and the same of the same	71.7
4 тн						LE YOU	IR INTENT TO GRADUATE.	100	the state of the state of	- 1877
	TOTAL	7	TOTAL	7	TOTAL	5	TOTAL	6		
YEAR	FAL	ESTER		SPRING		Semester		SUMMER SEMESTE	R	
TEAR	AREA IV HIS COURSE	3	MINOR COURSE	3	CHM 4444	3	FREE ELEC	3	SELECT COURSES THAT HAVE NOT	
	APPROVED MAJ ELEC	2	MINOR COURSE	3	CHM 4445/LAB	3/1	AREA IV SS COURSE	3	COMPLETED FROM PREVIOUS TER SEMESTERS AS PREREQUISITE COU	
	AREA IV SS COURSE	3	Contraction and the second		MINOR COURSE	3			OR COURSES TO BE RETAKEN	
	REMEMBER TO FILE YOUR INTENT TO GRADUATE. TOTAL 14 TOTAL 16									
	Total Program 120 Hours									



COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN CHEMISTRY MAJOR-PROGRAM YEAR 2016-17

COMPLETE ALL 6 SUB-REQUIREMENTS								
A. AREA I:								
Take the following courses: Minimum Grade of "C" required ENG 1101 Comp and Modern English I ENG 1102 Comp and Modern English II	3 HOURS 3 HOURS							
B. 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. 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.	3 HOURS 3 HOURS 6 HOURS							
C. AREA III:								
TAKE THE FOLLOWING COURSES: TAKE BIO 1100/L100 PRINCIPLES OF BIOLOGY W/LAB CHM 1142/L142 GENERAL CHEMISTRY I W/LAB TAKE MTH 1125 CALCULUS I ("C" OR BETTER)	3/1 HOURS 3/1 HOURS 4 HOURS							
D. AREA IV:								
Take Any 1000-2000 Level Course With A Primary Focus In History. 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.	3 HOURS 9 HOURS							
E. AREA V:								
TAKE THE FOLLOWING COURSES: IS 2241 COMPUTER CONCEPTS & APPLICATIONS TROY 1101 UNIVERSITY ORIENTATION MTH 1126 CALCULUS II PHY 2262/L262 PHYSICS I WITH CALCULUS PHY 2263/L263 PHYSICS II WITH CALCULUS	3 HOURS 1 HOUR 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. 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 STUDYA MINIMUM GPA OF 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 IN AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT. COURSEWORK IN AREAS II AND IV.



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CHEMISTRY MAJOR	(30 HOURS)				
Minimum 2.0 overall GPA Required Take the following courses:					
CHM 1143/L143 GENERAL CHEMISTRY II/LAB CHM 2242/L242 ANALYTICAL CHEMISTRY/LAB CHM 3342/L342 ORGANIC CHEMISTRY I/LAB CHM 3343/L343 ORGANIC CHEMISTRY II/LAB	3/1 HOURS 3/1 HOURS 3/1 HOURS 3/1 HOURS				
CHM 3381/L381 PHYSICAL CHEMISTRY I/LAB CHM 3382 PHYSICAL CHEMISTRY II CHM 4444 ADVANCED INORGANIC CHEMISTRY CHM 4445/L445 INSTRUMENTAL ANALYSIS/LAB	3/1 HOURS 3 HOURS 3 HOURS 3/1 HOURS				
MAJOR ELECTIVES					
Take Six Additional Hours Of Chemistry Electives From The Following: CHM 3352/L352 (3/1), CHM L382 (1), CHM 4400 (3), CHM 4403 (3), CHM L444 (1), CHM 4491/4492 (1-3), CHM 4493/4494 (1-3), CHM 4499 (1), OR MTH 2210 (3)	6 hours				
MINOR					
AT LEAST ONE 18-HOUR MINOR IS REQUIRED TO COMPLETE THIS PROGRAM. (ADDITIONAL MAJORS ARE ALSO ACCEPTABLE.)					
FREE ELECTIVES REQUIREMENT					
Take 8 semester hour of free elective credit.	8 HOURS				