

# MY DEGREE MAP COLLEGE OF EDUCATION RECOMMENDED ACADEMIC PLAN CHEMISTRY EDUCATION-PROGRAM YEAR 2024-25

1ST YEAR							
1ST SEMESTER		2ND SEMESTER					
TROY 1101 OR TROY 1105	1	ENG 1102/04					
ENG 1101-03	3	CHM 1143/L143					
MTH 1125	4	MTH 1126	4				
AREA II FINE ARTS COURSE	3	EDU 3310	3				
CHM 1142-L142	3/1	PHY 2262/L262					
		State of the state of the state of the					
TOTAL	15	TOTAL	18				
	<b>2ND Y</b>	EAR					
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	3				
EDU 3305	3 AREA IV SS COURSE		3				
TOTAL	18	ADMIT TO TEP TOTAL	16				
	3RD Y	EAR					
5TH SEMESTER	HRS	6TH SEMESTER	HRS				
CHM 3381/L381	3/1 CHM 3382		3				
CHM 2242/L242		CHM 4444	3				
AREA II HUM/FA COURSE		CHM 4445/L445	3/1				
EDU 3303	3	APPROVED MAJ ELEC	2				
EDU 4400		RED 4401	3				
AREA IV SS COURSE		3					
TOTAL	17	TOTAL	18				
	4TH Y						
	HRS		HRS				
AREA IV HIS COURSE	3	CHM 4474	9				
APPROVED MAJ ELEC	3/1	SED 4454					
AREA IV SS COURSE	OURSE 3						
CHM 4481	3	AND AND AND AN AND A STORE					
EDU 4471	3	States and the second second					
PRAXIS II: CONTENT AREA EXAM							
SUBMIT GRADUATION APPLICATION	1241.000						
TOTAL	16	TOTAL	12				
MINIMUM HOURS REQUIRED FOR DEGREE 13							



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COMPLETE ALL REQUIREMENTS					
ARI	EAI				
	MINIMUM GRADE OF "C" REQUIRED ENG 1101 COMP AND MODERN ENGLISH I ENG 1102 COMP AND MODERN ENGLISH II	3 HOURS 3 HOURS			
ARI	EAII				
	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, 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 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			
ARI	EAIV				
	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 T	HE FOLLOW	ING COURSES:	
TROY	1101 OR	TROY 1105	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. 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 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 COURSEWORK IN AREAS II OR IV.

# **TROY** COI UNIVERSITY TN

CHM

4474

## Y COLLEGE OF EDUCATION RECOMMENDED ACADEMIC PLAN CHEMISTRY EDUCATION-PROGRAM YEAR 2024-25

CHEMIST 2.75 GPA R	RY COURSES		(30 HOURS)		
	1143/L143 2242/L242 3342/342 3343/L343 3381/L381 3382 4444	ING COURSES: GENERAL CHEMISTRY II AND LAB ANALYTICAL CHEMISTRY AND LAB ORGANIC CHEMISTRY I AND LAB ORGANIC CHEMISTRY II AND LAB PHYSICAL CHEMISTRY I AND LAB PHYSICAL CHEMISTRY II ADVANCED INORGANIC CHEMISTRY INSTRUMENTAL ANALYSIS AND LAB	3/1 HOURS 3/1 HOURS 3/1 HOURS 3/1 HOURS 3/1 HOURS 3 HOURS 3 HOURS 3/1 HOURS		
CHEMIST	(6 HOURS)				
TAKE CHM CHM CHM CHM CHM CHM CHM STAT	3352/L352 L382 4400 4403 L444 4491/4492 4493/4494	L HOURS OF CHEMISTRY ELECTIVES FROM THE FOLLOWING: BIOCHEMISTRY AND LAB (REQ FOR AL TEACHER CERT) PHYSICAL CHEMISTRY II LAB SPECIAL TOPICS IN CHEMISTRY Advanced organic chemistry Advanced inorganic chemistry LAB Guided independent research Guided independent study Senior Seminar Introductory Statistics	3/1 HOURS 1 HOUR 3 HOURS 3 HOURS 1 HOUR 1-3 HOURS 1-3 HOURS 1 HOUR 3 HOURS		
PROFESSIONAL STUDIES					
(MINI	IMUM GRADE	ING COURSES: OF 'C' REQUIRED)			
EDU EDU EDU EDU EDU	3310 3305 4471 3303 4400	INTRODUCTION TO EDUCATION TEACHING WITH TECHNOLOGY CURRICULUM & INSTRUCTION DELIVERY EDUCATIONAL PSYCHOLOGY& CLASSROOM ASSESSMENT CLASSROOM MANAGEMENT	3 HOURS 3 HOURS 3 HOURS 3 HOURS 3 HOURS		
SPE RED CHM SED	3340 4401 4481 4454	DIVERSE LEARNERS Reading in the content areas Methods & Materials Internship Seminar	3 HOURS 3 HOURS 3 HOURS 3 HOURS		

INTERNSHIP IN CHEMISTRY

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. ENOULTION 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.

9 HOURS