

## MY DEGREE MAP COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN CHEMISTRY MAJOR-PROGRAM YEAR 2018-19

	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
	CHM 1142/LAB	3/1	MTH 1126	4	CHM 3342/LAB	3/1	CHM 3343/LAB	3/1	BIO 1100/LAB	3/1
	TOTAL		TOTAL		TOTAL		TOTAL		TOTAL	
	8		8		7		7		5	
1 <sup>ST</sup> YEAR	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 BEEN COMPLETED FROM PREVIOUS TERMS OR SEMESTERS AS PREREQUISITE COURSES OR COURSES TO BE RETAKEN	
	ENG 1101/03	3	CHM 1142/LAB	3/1	CHM 1143/LAB	3/1				
	MTH 1125	4			MTH 1126	4				
	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	
AREA II LIT COURSE	3	MINOR COURSE	3	AREA IV SS COURSE	3	AREA II HUM/FA COURSE	3			
TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		
6		6		7		7		4		
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 BEEN COMPLETED FROM PREVIOUS TERMS OR SEMESTERS AS PREREQUISITE COURSES OR COURSES TO BE RETAKEN		
BIO 1100/LAB	3/1	CHM 3342/LAB	3/1	CHM 3343/LAB	3/1	MINOR COURSE	3			
TOTAL 15				TOTAL 13						
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		TOTAL		TOTAL		TOTAL		TOTAL		
7		5		6		6		6		
FALL SEMESTER				SPRING SEMESTER				SUMMER SEMESTER		
CHM 3381/LAB	3/1	CHM 2242/LAB	3/1	CHM 3382	3	MINOR COURSE	3	SELECT COURSES THAT HAVE NOT BEEN COMPLETED FROM PREVIOUS TERMS OR SEMESTERS AS PREREQUISITE COURSES OR COURSES TO BE RETAKEN		
AREA IV SS COURSE	3	FREE ELEC	2	APPROVED MAJ ELEC	3/1	FREE ELEC	3			
AREA II HUM/FA COURSE	3			MINOR COURSE	3					
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			
TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		
7		7		5		6				
FALL SEMESTER				SPRING SEMESTER				SUMMER SEMESTER		
AREA IV HIS COURSE	3	MINOR COURSE	3	CHM 4444	3	FREE ELEC	3	SELECT COURSES THAT HAVE NOT BEEN COMPLETED FROM PREVIOUS TERMS OR SEMESTERS AS PREREQUISITE COURSES OR COURSES TO BE RETAKEN		
APPROVED MAJ ELEC	2	MINOR COURSE	3	CHM 4445/LAB	3/1	AREA IV SS COURSE	3			
AREA IV SS COURSE	3			MINOR COURSE	3					
TOTAL 14				TOTAL 16						
REMEMBER TO FILE YOUR INTENT TO GRADUATE.										
TOTAL PROGRAM 120 HOURS										

## COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN CHEMISTRY MAJOR-PROGRAM YEAR 2018-19

COMPLETE ALL 6 SUB-REQUIREMENTS (58 HOURS)

A. AREA I:

TAKE THE FOLLOWING COURSES:

MINIMUM GRADE OF "C" REQUIRED

ENG 1101	COMP AND MODERN ENGLISH I	3 HOURS
ENG 1102	COMP AND MODERN ENGLISH II	3 HOURS

B. AREA II:

TAKE ANY 1000-2000 LEVEL COURSE IN LITERATURE	3 HOURS
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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
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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
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C. AREA III:

TAKE THE FOLLOWING COURSES:

TAKE BIO 1100/L100 PRINCIPLES OF BIOLOGY W/LAB	3/1 HOURS
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CHM 1142/L142 GENERAL CHEMISTRY I W/LAB	3/1 HOURS
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TAKE MTH 1125 CALCULUS I ("C" OR BETTER)	4 HOURS
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D. AREA IV:

TAKE ANY 1000-2000 LEVEL COURSE WITH A PRIMARY FOCUS IN HISTORY.	3 HOURS
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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.	9 HOURS
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E. AREA V:

TAKE THE FOLLOWING COURSES:

IS 2241	COMPUTER CONCEPTS & APPLICATIONS	3 HOURS
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TROY 1101	UNIVERSITY ORIENTATION	1 HOUR
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MTH 1126	CALCULUS II	4 HOURS
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PHY 2262/L262	PHYSICS I WITH CALCULUS	3/1 HOURS
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PHY 2263/L263	PHYSICS II WITH CALCULUS	3/1 HOURS
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## COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN CHEMISTRY MAJOR-PROGRAM YEAR 2018-19

**CHEMISTRY MAJOR** (30 HOURS)

MINIMUM 2.0 OVERALL GPA REQUIRED

TAKE THE FOLLOWING COURSES:

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	ADVANCED INORGANIC CHEMISTRY	3 HOURS
CHM 4445/L445	INSTRUMENTAL ANALYSIS/LAB	3/1 HOURS

**MAJOR ELECTIVES** (6 HOURS)

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)

**MINOR** (18 HOURS)

AT LEAST ONE 18-HOUR MINOR IS REQUIRED TO COMPLETE THIS PROGRAM.  
(ADDITIONAL MAJORS ARE ALSO ACCEPTABLE.)

**FREE ELECTIVES REQUIREMENT** (8 HOURS)

TAKE 8 SEMESTER HOUR OF FREE ELECTIVE CREDIT. 8 HOURS