

MY DEGREE MAP  
 COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN  
 CHEMISTRY MAJOR-PROGRAM YEAR 2020-21

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		
TOTAL	15	TOTAL	15
2 <sup>ND</sup> YEAR			
3 <sup>RD</sup> SEMESTER	HOURS	4 <sup>TH</sup> 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
TOTAL	15	TOTAL	13
3 <sup>RD</sup> YEAR			
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> YEAR			
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 APPLICATION			
TOTAL	14	TOTAL	16
		TOTAL PROGRAM	120

## COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN CHEMISTRY MAJOR-PROGRAM YEAR 2020-21

COMPLETE ALL REQUIREMENTS (58 HOURS)

### AREA I

TAKE THE FOLLOWING COURSES:

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

MINIMUM GRADE OF "C" REQ

### AREA II

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, 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	4 HOURS
MINIMUM GRADE OF "C" REQ		
BIO 1100/L100	PRINCIPLES OF BIOLOGY W/ LAB	3/1 HOURS
CHM 1142/L142	GENERAL CHEMISTRY I W/ LAB	3/1 HOURS

### AREA IV

TAKE ANY 1000-2000 LEVEL COURSE WITH A PRIMARY FOCUS IN HISTORY	3 HOURS
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.	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

IS 2241	COMPUTER CONCEPTS AND APPLICATIONS	3 HOURS
TROY 1101	THE UNIVERSITY EXPERIENCE	1 HOUR
MTH 1126	CALCULUS II	4 HOURS
PHY 2262/L262	GENERAL PHYSICS I WITH CALCULUS W/ LAB	4 HOURS
PHY 2263/L263	GENERAL PHYSICS II WITH CALCULUS W/ LAB	4 HOURS

## COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN CHEMISTRY MAJOR-PROGRAM YEAR 2020-21

**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.