

MY DEGREE MAP
 COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN
 CHEMISTRY MAJOR-PROGRAM YEAR 2019-20

1 ST YEAR			
1 ST SEMESTER	HOURS	2 ND 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 ND YEAR			
3 RD SEMESTER	HOURS	4 TH 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 RD YEAR			
5 TH SEMESTER	HOURS	6 TH 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 TH YEAR			
7 TH SEMESTER	HOURS	8 TH 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 2019-20

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
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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	UNIVERSITY ORIENTATION	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

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 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.

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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.