

## MY DEGREE MAP

### COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN

#### CHEMISTRY MAJOR – PROGRAM YEAR 2015-16

	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5	
	<b>1<sup>ST</sup> YEAR</b>	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		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	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	
ENG 1101/03		3	CHM 1142/LAB	3/1	CHM 1143/LAB	3/1				
MTH 1125		4			MTH 1126	4				
TOTAL 15				TOTAL 14						
<b>2<sup>ND</sup> YEAR</b>	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5	
	AREA II HUM/FA COURSE	3	IS 2241	3	PHY 2262/LAB	3/1	PHY 2263/LAB	3/1	APPROVED MAJ ELEC	3/1
	AREA II LIT COURSE	3	MINOR COURSE	3	AREA IV SS COURSE	3	AREA II HUM/FA COURSE	3		
	TOTAL	6	TOTAL	6	TOTAL	7	TOTAL	7	TOTAL	4
	FALL SEMESTER				SPRING SEMESTER				SUMMER SEMESTER	
	AREA II LIT COURSE	3	PHY 2262/LAB	3/1	IS 2241	3	PHY 2263/LAB	3/1	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 14						
<b>3<sup>RD</sup> YEAR</b>	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
	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						
<b>4<sup>TH</sup> YEAR</b>	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	7	TOTAL	7	TOTAL	5	TOTAL	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					
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 2015-16**

**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

TAKE ANY 1000-2000 LEVEL COURSE WITH AN EXPANDED HISTORICAL AND CULTURAL SCOPE IN 3 HOURS

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 6 HOURS

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.

**C. AREA III:**

TAKE THE FOLLOWING COURSES:

TAKE BIO 1100/L100 PRINCIPLES OF BIOLOGY W/LAB 3/1 HOURS

CHM 1142/L142 GENERAL CHEMISTRY I W/LAB 3/1 HOURS

TAKE MTH 1125 CALCULUS I ("C" OR BETTER) 4 HOURS

**D. AREA IV:**

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 SCIENCE 9 HOURS

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.

**E. AREA V:**

TAKE THE FOLLOWING COURSES:

IS 2241 COMPUTER CONCEPTS & APPLICATIONS 3 HOURS

TROY 1101 UNIVERSITY ORIENTATION 1 HOUR

MTH 1126 CALCULUS II 4 HOURS

PHY 2262/L262 PHYSICS I WITH CALCULUS 3/1 HOURS

PHY 2263/L263 PHYSICS II WITH CALCULUS 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 50% OF REQUIRED COURSEWORK MUST BE EARNED AT A SENIOR INSTITUTION.

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

**COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN  
CHEMISTRY MAJOR – PROGRAM YEAR 2015-16**

**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)

6 HOURS

**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