

**MY DEGREE MAP**  
**COLLEGE OF EDUCATION RECOMMENDED ACADEMIC PLAN**  
**CHEMISTRY EDUCATION-PROGRAM YEAR 2022-23**

<b>1ST YEAR</b>			
1ST SEMESTER	HRS	2ND SEMESTER	HRS
TROY 1101	1	ENG 1102/04	3
ENG 1101-03	3	CHM 1143/L143	3/1
MTH 1125	4	MTH 1126	4
AREA II FINE ARTS COURSE	3	EDU 3310	3
CHM 1142-L142	3/1	PHY 2262/L262	3/1
<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>	<b>18</b>
<b>2ND YEAR</b>			
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
<b>TOTAL</b>	<b>18</b>	<b>ADMIT TO TEP</b>	<b>TOTAL</b> <b>16</b>
<b>3RD YEAR</b>			
5TH SEMESTER	HRS	6TH SEMESTER	HRS
CHM 3381/L381	3/1	CHM 3382	3
CHM 2242/L242	3/1	CHM 4444	3
AREA II HUM/FA COURSE	3	CHM 4445/L445	3/1
EDU 3303	3	APPROVED MAJ ELEC	2
EDU 4400	3	RED 4401	3
		AREA IV SS COURSE	3
<b>TOTAL</b>	<b>17</b>	<b>TOTAL</b>	<b>18</b>
<b>4TH YEAR</b>			
7TH SEMESTER	HRS	8TH SEMESTER	HRS
AREA IV HIS COURSE	3	CHM 4474	9
APPROVED MAJ ELEC	3/1	SED 4454	3
AREA IV SS COURSE	3		
CHM 4481	3		
EDU 4471	3		
<b>PRAXIS II: CONTENT AREA EXAM</b>			
<b>SUBMIT GRADUATION APPLICATION</b>			
<b>TOTAL</b>	<b>16</b>	<b>TOTAL</b>	<b>12</b>
<b>MINIMUM HOURS REQUIRED FOR DEGREE</b>			<b>130</b>

**COMPLETE ALL REQUIREMENTS**

**(58 HOURS)**

**AREA I**

MINIMUM GRADE OF "C" REQUIRED

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

**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 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		3/1 HOURS
CHM 1142/L142 GENERAL CHEMISTRY AND LAB		3/1 HOURS

**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 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 THE FOLLOWING COURSES:

TROY 1101	THE UNIVERSITY EXPERIENCE	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

**CHEMISTRY COURSES**  
**2.75 GPA REQUIRED**

**(30 HOURS)**

TAKE THE FOLLOWING COURSES:

CHM 1143/L143	GENERAL CHEMISTRY II AND LAB	3/1 HOURS
CHM 2242/L242	ANALYTICAL CHEMISTRY AND LAB	3/1 HOURS
CHM 3342/342	ORGANIC CHEMISTRY I AND LAB	3/1 HOURS
CHM 3343/L343	ORGANIC CHEMISTRY II AND LAB	3/1 HOURS
CHM 3381/L381	PHYSICAL CHEMISTRY I AND LAB	3/1 HOURS
CHM 3382	PHYSICAL CHEMISTRY II	3 HOURS
CHM 4444	ADVANCED INORGANIC CHEMISTRY	3 HOURS
CHM 4445/L445	INSTRUMENTAL ANALYSIS AND LAB	3/1 HOURS

**CHEMISTRY ELECTIVE REQUIREMENT**

**(6 HOURS)**

TAKE 6 ADDITIONAL HOURS OF CHEMISTRY ELECTIVES FROM THE FOLLOWING:

CHM 3352/L352	BIOCHEMISTRY AND LAB (REQ FOR AL TEACHER CERT)	3/1 HOURS
CHM L382	PHYSICAL CHEMISTRY II LAB	1 HOUR
CHM 4400	SPECIAL TOPICS IN CHEMISTRY	3 HOURS
CHM 4403	ADVANCED ORGANIC CHEMISTRY	3 HOURS
CHM L444	ADVANCED INORGANIC CHEMISTRY LAB	1 HOUR
CHM 4491/4492	GUIDED INDEPENDENT RESEARCH	1-3 HOURS
CHM 4493/4494	GUIDED INDEPENDENT STUDY	1-3 HOURS
CHM 4499	SENIOR SEMINAR	1 HOUR
STAT 2210	INTRODUCTORY STATISTICS	3 HOURS

**PROFESSIONAL STUDIES**

**(36 HOURS)**

TAKE THE FOLLOWING COURSES:

(MINIMUM GRADE OF 'C' REQUIRED)

EDU 3310	INTRODUCTION TO EDUCATION	3 HOURS
EDU 3305	TEACHING WITH TECHNOLOGY	3 HOURS
EDU 4471	CURRICULUM & INSTRUCTION DELIVERY	3 HOURS
EDU 3303	EDUCATIONAL PSYCHOLOGY& CLASSROOM ASSESSMENT	3 HOURS
EDU 4400	CLASSROOM MANAGEMENT	3 HOURS
SPE 3340	DIVERSE LEARNERS	3 HOURS
RED 4401	READING IN THE CONTENT AREAS	3 HOURS
CHM 4481	METHODS & MATERIALS	3 HOURS
SED 4454	INTERNSHIP SEMINAR	3 HOURS
CHM 4474	INTERNSHIP IN CHEMISTRY	9 HOURS