

RSITY MY DEGREE MAP COLLEGE OF EDUCATION RECOMMENDED ACADEMIC PLAN CHEMISTRY EDUCATION-PROGRAM YEAR 2020-21

TROY 1101	1 ST YEAR								
STH SEMESTER	1 st Semester			Hours					
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 IS 2ND YEAR IS 4TH SEMESTER HOURS 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 BIO \$100 SEMESTER HOURS STH SEMESTER HOURS CHM 3381/L381 3/1 CHM 3382 3 CHM 3381/L381 3/1 CHM 3382 3 CHM 3381/L381 3/1 CHM 3382 3 CHM 3381/L381 3/1 CHM 4444 3 AREA II HUM/FA COURSE 3 CHM 4444 3 <td co<="" td=""><td>TROY 1101</td><td>1</td><td>ENG 1102/04</td><td>3</td></td>	<td>TROY 1101</td> <td>1</td> <td>ENG 1102/04</td> <td>3</td>	TROY 1101	1	ENG 1102/04	3				
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10									
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	130								



2241

1126

2262/L262

2263/L263

MTH

PHY

COMPUTER CONCEPTS

PHYSICS I WITH CALCULUS AND LAB

PHYSICS II WITH CALCULUS AND LAB

CALCULUS II

COLLEGE OF EDUCATION RECOMMENDED ACADEMIC PLAN CHEMISTRY EDUCATION-PROGRAM YEAR 2020-21

COMPLETE ALL REQUIREMENTS			
AREA I			
MINIMUM GRADE OF "C" REQUIRED Eng 1101 comp and modern english i Eng 1102 comp and modern english ii	3 HOURS 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 CHM 1142/L142 GENERAL CHEMISTRY AND LAB	3/1 HOURS 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 IS 2241 COMPUTED CONCEPTS	1 HOUR		

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 EDUCATION OR CURRENT CATALOG FOR OTHER REQUIREMENTS NOT COVERED IN THIS DOCUMENT.NOTES: A SEQUENCE IN LITERATURE OR HISTORY IS REQUIRED. PLEASE CONSIDER THIS REQUIREMENT. WHEN SELECTING COURSEWORK IN AREAS II OR IV.

3 HOURS

4 HOURS

3/1 HOURS

3/1 HOURS



COLLEGE OF EDUCATION RECOMMENDED ACADEMIC PLAN CHEMISTRY EDUCATION-PROGRAM YEAR 2020-21

CHEMISTRY COURSES 2.75 GPA REQUIRED			(30 HOURS)
CHM 11 CHM 22 CHM 33 CHM 33 CHM 33 CHM 44	143/L143 242/L242 342/342 343/L343 381/L381 382 444	NG COURSES: GENERAL CHEMISTRY II AND LAB ANALYTICAL CHEMISTRY AND LAB ORGANIC CHEMISTRY I AND LAB ORGANIC CHEMISTRY II AND LAB PHYSICAL CHEMISTRY I AND LAB PHYSICAL CHEMISTRY II ADVANCED INORGANIC CHEMISTRY INSTRUMENTAL ANALYSIS AND LAB	3/1 HOURS 3/1 HOURS 3/1 HOURS 3/1 HOURS 3/1 HOURS 3 HOURS 3 HOURS 3/1 HOURS
CHEMISTRY ELECTIVE REQUIREMENT			(6 HOURS)
CHM 33 CHM L3 CHM 44 CHM 44 CHM L4 CHM 44 CHM 44	352/L352 382 400 403 444 491/4492 493/4494 499	HOURS OF CHEMISTRY ELECTIVES FROM THE FOLLOWING: BIOCHEMISTRY AND LAB (REQ FOR AL TEACHER CERT) PHYSICAL CHEMISTRY II LAB SPECIAL TOPICS IN CHEMISTRY ADVANCED ORGANIC CHEMISTRY ADVANCED INORGANIC CHEMISTRY LAB GUIDED INDEPENDENT RESEARCH GUIDED INDEPENDENT STUDY SENIOR SEMINAR INTRODUCTORY STATISTICS	3/1 HOURS 1 HOUR 3 HOURS 3 HOURS 1 HOUR 1-3 HOURS 1 HOURS 1 HOUR 3 HOURS
PROFESSIONAL STUDIES			(36 HOURS)
(MINIMULEDU 33 EDU 33 EDU 44 EDU 33 EDU 44 SPE 33 RED 44 SED 44	M GRADE 0 310 305 471 303 400 340 401 481 481	NG COURSES: DF 'C' REQUIRED) INTRODUCTION TO EDUCATION TEACHING WITH TECHNOLOGY CURRICULUM & INSTRUCTION DELIVERY EDUCATIONAL PSYCHOLOGY& CLASSROOM ASSESSMENT CLASSROOM MANAGEMENT DIVERSE LEARNERS READING IN THE CONTENT AREAS METHODS & MATERIALS INTERNSHIP SEMINAR INTERNSHIP IN CHEMISTRY	3 HOURS 4 HOURS 5 HOURS 7 HOURS 7 HOURS 9 HOURS