## MY DEGREE MAP COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN BIOMEDICAL SCIENCES PROGRAM-PROGRAM YEAR 2024-25

	1ST Y	EAR	
1ST SEMESTER	HRS	2ND SEMESTER	HRS
TROY 1101 OR TROY 1105	1	ENG 1102/04	3
ENG 1101/03	3	BIO 1101/LAB	3/1
FREE ELEC (MTH 1114 DR)	3	MTH 1125	4
CHM 1142/L142	3/1	CHM 1143/L143	3/1
BIO 1100/LAB	3/1		
TOTAL	15	TOTAL	15
	2ND Y	YEAR	
3RD SEMESTER	HRS	4TH SEMESTER	HRS
AREA II LIT COURSE	3	CHM 3343/L343 (DR)	3/1
BIO 2220	3	AREA II HUM/FA COURSE	3
AREA II FINE ARTS COURSE	3	STAT 2210 OR BIO 3315	3
CHM 3342/L342	3/1	BIO 2229/L229	3/1
AREA IV HIS COURSE	3		
TOTAL	16	TOTAL	14
	3RD Y	/EAR	
5TH SEMESTER	HRS	6TH SEMESTER	HRS
AREA IV SS COURSE	3	AREA V PHY/LAB SEQ	3/1
REQ MAJ ELEC	3/1	BIO 3320	3
REQ MAJ ELEC	3/1	AREA IV SS COURSE	3
AREA V PHY/LAB SEQ	3/1	REQ MAJ ELEC	3/1
MICHANICAL ELECTRON		REQ MAJ ELEC	2
TOTAL	15	TOTAL	16
	4TH \	/EAR	
7TH SEMESTER	HRS	8TH SEMESTER	HRS
REQ MAJ ELEC	3/1	BIO 4484	1
REQ MAJ ELEC	3/1	IS 2241	3
AREA II HUM/FA COURSE	3	REQ MAJ ELEC	3/1
AREA IV SS COURSE	3	REQ MAJ ELEC	3/1
	Batter Co.	REQ MAJ ELEC	3/1
SUBMIT GRADUATION Application			
TOTAL	14	TOTAL	16
Chipsella in the Chipsella and the Chipsella		TOTAL PROGRAM	120*

<sup>\*</sup> NOTE: PROGRAM REQUIRES 120 HOURS. HOURS ABOVE MAY DIFFER DUE TO MATH REQUIREMENTS.

## COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN BIOMEDICAL SCIENCES PROGRAM-PROGRAM YEAR 2024-25

TAKE THE FOLLOWING COURSES: ENG 1101 COMP AND MODERN ENGLISH I ENG 1102 COMP AND MODERN ENGLISH I ENG 1102 COMP AND MODERN ENGLISH II MINIMUM GRADE OF "C" REQ.  AREA II  TAKE ANY 1000 2000 LEVEL COURSE IN LITERATURE TAKE ANY 1000 2000 LEVEL COURSE WITH A NEWANDED HISTORICAL AND CULTURAL SCOPE IN FINE ARTS. INCLUDING THE DISCIPLINES OF ART, MUSIC, THEATRE, FILM, OR OTHER FINE ARTS AREA. TAKE ANY TWO 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. 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, NURISING, PHILOSOPHY, CLASSICS, THEATRE, MUSIC, DANCE, COMMUNICATION, SIGN LANGUAGE, INTERDISCIPLINARY STUDIES, OR OTHER HUMANITIES/FINE ARTS  NOTE: A SEQUENCE IN LITERATURE OR HISTORY IS REQ, WHEN SELECTING COURSEWORK IN AREAS II OR IN, PLEASE CONSIDER THIS REQUIREMENT.  AREA III  MITH 1125 CALCULUS MINIMUM GRADE OF "C" REQ. BIO 1100/1100 PRINCIPLES OF BIOLOGY W/ LAB CHM 1142/L142 GENERAL CHEMISTRY I W/ LAB CHM 1142/L142 GENERAL CHEMISTRY I W/ LAB TAKE ANY 1000 2000 LEVEL COURSE WITH A PRIMARY FOCUS IN HISTORY TAKE THERE 1000-2000 LEVEL COURSE WITH A PRIMARY FOCUS IN HISTORY TAKE THERE 1000-2000 LEVEL COURSE WITH A PRIMARY FOCUS IN HISTORY TAKE THERE 1000-2000 LEVEL COURSE WITH A PRIMARY FOCUS IN HISTORY TAKE THERE 1000-2000 LEVEL COURSE WITH A PRIMARY FOCUS IN HISTORY TO THERE SOCIAL SCIENCE AREAS.  NOTE: A SEQUENCE IN LITERATURE OR HISTORY IS REQ, WHEN SELECTING COURSEWORK IN AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT.  AREAV  IS 2241 COMPUTER CONCEPTS AND APPLICATIONS TROY 1101 OR TROY 1105 SI HOURS AREA V CONTINUED:  TAKE ON PHYSICS SEQUENCE PHY 2253/1253 GENERAL PHYSICS I W/ LAB OR RESTAULT OF THE TAKE THE PRIMARY PHYSICS I W/ LAB OR RESTAULT OF THE PHYSICS I W/ LAB O	COMPLETE ALL REQUIREMENTS	(C2 HOURS)
TAKE THE FOLLOWING COURSES: ENG 1101 COMP AND MODERN ENGLISH I ENG 1102 COMP AND MODERN ENGLISH II AND COURSE WITH AND SERVICE OF THE COURSE WITH AN EXPANDED HISTORICAL AREA II  TAKE ANY 1000 2000 LEVEL COURSE WITH AN EXPANDED HISTORICAL AND CULTURAL SCOPE IN FINE ARTS. INCLUDING THE DISCIPLINES OF ART, MUSIC, THEATRE, FILM, ON OTHER FINE ARTS AREA. TAKE ANY TWO 1000 2000 LEVEL COURSE WITH AN EXPANDED HISTORICAL AND CULTURAL SCOPE IN FINE ARTS. INCLUDING THE DISCIPLINES OF ART, MUSIC, THEATRE, FILM, ON OTHER FINE ARTS AREA. 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, NURSING, FILLIOSOPHY, CLASSICS, THEATRE, MUSIC, DANCE, COMMUNICATION, SIGNI LANGUAGE, INTERDISCIPLINARY STUDIES, OR OTHER HUMANITIES/FINE ARTS AREAS.  NOTE: A SEQUENCE IN LITERATURE OR HISTORY IS REQ., WHEN SELECTING COURSEWORK IN AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT.  AREA III  MITH 1125 CALCULUS MINIMUM GRADE OF "C" REQ. BIO 1100/1100 PRINCIPLES OF BIOLOGY W/ LAB CHM 1142/1142 GENERAL CHEMISTRY I W/ LAB  AREA IV  TAKE ANY 1000-2000 LEVEL COURSE WITH A PRIMARY FOCUS IN HISTORY TAKE THREE 1000-2000 LEVEL COURSE FROM THE FOLLOWING SOCIAL SCIENCE DISCIPLINES; NATHROPOLOGY, BUSINESS, CRIMINAL JUSTICE, ECONOMICS, GEOGRAPIY, HISTORY, HUMAN SERVICES, LEADERSHIP, HOSPITALITY, SPORE, & TOURISM MANAGEMENT, INTERDISCIPLINARY STUDIES, NURSING, POLITICAL SCIENCE, PSYCHOLOGY, NUTRITION, RELIGION, SOCIAL WORK, SOCIOLOGY, OR OTHER SOCIAL SCIENCE AREAS.  NOTE: A SEQUENCE IN LITERATURE OR HISTORY IS REQ., WHEN SELECTING COURSEWORK IN AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT.  AREA V  1S 2241 COMPUTER CONCEPTS AND APPLICATIONS TROY 1101 OR TROY 105 BIO 1101/1101 ORGANISMAL BIOLOGY W/ LAB OTHER SOCIAL SCIENCE AREAS.  NOTE: A SEQUENCE IN LITERATURE OR HISTORY IS REQ. WHEN SELECTING COURSEWORK IN AREAS II OUR; PLEASE CONSIDER THIS REQUIREMENT.  AREA V CONTINUED:  TAKE ONE PHYSICS SEQUENCE PILY 2253/1253 GENERAL PHYSICS I W	COMPLETE ALL REQUIREMENTS	(62 HOURS)
ENG. 1101 COMP AND MODERN ENGLISH II  AND COLOR AND MODERN ENGLISH II  AND COLOR AND MODERN ENGLISH II  TAKE ANY 1000 2000 LEVEL COURSE IN LITERATURE  TAKE ANY 1000 2000 LEVEL COURSE WITH AN EXPANDED HISTORICAL AND CULTURAL SCOPE IN FINE ARTS. INCLUDING THE DISCIPLINES OF ART, MUSIC, THEATRE, HILM, OR OTHER FINE ARTS AREA.  TAKE ANY 1000 2000 LEVEL COURSE WITH AN EXPANDED HISTORICAL AND CULTURAL SCOPE IN FINE ARTS. INCLUDING THE DISCIPLINES OF ART, MUSIC, THEATRE, HILM, OR OTHER FINE ARTS AREA.  TAKE ANY 1000 2000 LEVEL COURSES WITH AN EXPANDED HISTORICAL AND CULTURAL SCOPE IN THE HUMANNITIES/FINE ARTS DISCIPLINES, INCLUDING ENGLISH, FOREIGN LANGUAGES, RELEGION, NURSING, PHILOSOPHY, CLASSICS, THEATRE, HUSIC, DANCE, COMMUNICATION, SIGNI LANGUAGE, INTERDISCIPLINARY STUDIES, OR OTHER HUMANNITIES/FINE ARTS AREAS.  NOTE: A SEQUENCE IN LITERATURE OR HISTORY IS REQ. WHEN SELECTING COURSEWORK IN AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT.  AREA III  MITH 1125 CALCULUS MINIMUM GRADE OF C'RIQ, BIO 1100/LI00 PRINCIPLES OF BIOLOGY W/ LAB CHM 1142/L142 GENERAL CHEMISTRY I W/ LAB  AREA IV  TAKE ANY 1000-2000 LEVEL COURSE WITH A PRIMARY FOCUS IN HISTORY TAKE THREE 1000-2000 LEVEL COURSE FROM THE FOLLOWING SOCIAL SCIENCE DISCIPLINES; ANTHROPOLOGY, BUSINESS, CRIMINAL JUSTICE, ECONOMICS, GROGRAPHY, HISTORY, HUMAN SERVICES, LEADERSHIP, HOSPITALITY, SPORT, & TOURISM MANAGEMENT, INTEREDISCIPLINARY STUDIES, NURSING, POLITICAL SCIENCE, PSYCHOLOGY, NUTRITION, RELIGION, SOCIAL WORK, SOCIOLOGY, OR OTHER SOCIAL SCIENCE AREAS.  NOTE: A SEQUENCE IN LITERATURE OR HISTORY IS REQ. WHEN SELECTING COURSEWORK IN AREAS HOURS HOURS HOURS CHM 1143/L143 GENERAL CHEMISTRY II W/ LAB 3/1 HOURS AREA V CONTINUED:  TAKE ONE PHYSICS SQUENCE PHY 2253/1253 GENERAL PHYSICS I W/ LAB	AREA I	
TAKE ANY 1000 2000 LEVEL COURSE WITH AN EXPANDED HISTORICAL 3 HOURS AND CULTURAL SCOPE IN 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 SCOPE IN THE HUMANITIES/FINE ARTS DISCIPLINES. INCLUDING FINGLISH, FOREIGN LANGUAGE, RELIGION. NURSING, PHILOSOPHY, CLASSICS. THEATRE MUSIC. DANCE. COMMUNICATION. SIGN LANGUAGE, INTERDISCIPLINARY STUDIES, OR OTHER HUMANITIES/FINE ARTS AREAS.  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 MINIMUM GRADE OF C'' REQ. BIO 11007/100 PRINCIPLES OF BIOLOGY W/ LAB CHM 11427/L142 GENERAL CHEMISTRY I W/ LAB  AREA IV  TAKE ANY 1000-2000 LEVEL COURSE WITH A PRIMARY FOCUS IN HISTORY SCIENCE DISCIPLINES: ANTHROPOLOGY, BUSINESS, CRIMINAL JUSTICE, ECONOMICS, GEOGRAPH, HISTORY, HUMANS REVUCES, LEADERSHIP, HOSPITALITY, SPORT, A TOURISM MANAGEMENT, INTERDISCIPLINARY STUDIES, NURSING, POLITICAL SCIENCE, PSYCHOLOGY, NUTRITION, RELIGION, SOCIAL WORK, SOCIOLOGY, OR OTHER SOCIAL SCIENCE AREAS.  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 1 HOURS CHM 1437/L143 GENERAL CHEMISTRY II W/ LAB 371 HOURS CHM 1437/L143 GENERAL CHEMISTRY II W/ LAB 371 HOURS CHM 1437/L143 GENERAL CHEMISTRY II W/ LAB 371 HOURS CHM 1437/L143 GENERAL CHEMISTRY II W/ LAB 371 HOURS CHM 1437/L143 GENERAL CHEMISTRY II W/ LAB 371 HOURS CHM 1437/L143 GENERAL CHEMISTRY II W/ LAB 371 HOURS CHM 1437/L143 GENERAL CHEMISTRY II W/ LAB 371 HOURS CHM 1437/L143 GENERAL PHYSICS II W/ LAB 371 HOURS CHM 1437/L143 GENERAL PHYSICS II W/ LAB CHM 1437/L	ENG 1101 COMP AND MODERN ENGLISH I ENG 1102 COMP AND MODERN ENGLISH II	
TAKE ANY 1000 2000 LEVEL COURSE WITH AN EXPANDED HISTORICAL AND CULTURALS SCOPE IN FINE A RETS, 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 SCOPE IN THE HUMANITIES/FINE ARTS DISCIPLINES, INCLUDING ENGLISH, FOREIGN LANGUAGES, RELIGION, NURSING, PHILOSOPHY, CLASSICS, THEATRE, MUSIC, DANCE, COMMUNICATION, SIGN LANGUAGE, INTERDISCIPLINARY STUDIES, OR OTHER HUMANITIES/FINE ARTS AREAS.  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 MINIMUM GRADE OF "C" REQ. BIO 1100/1100 PRINCIPLES OF BIOLOGY W/ LAB 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 TAKE ANY 1000-2000 LEVEL COURSE FROM THE FOLLOWING SOCIAL SCIENCE DISCIPLINES: ANTHROPOLOGY, BUSINESS, CRIMINAL JUSTICE, ECONOMICS, GEOGRAPHY, HISTORY, HUMAN SERVICES, LEADERSHIP, HOSPITALITY, SPORT, A TOURISM MANAGEMENT, INTERDISCIPLINARY STUDIES, NURSING, POLITICAL SCIENCE, PSYCHOLOGY, NUTRITION, RELIGION, SOCIAL WORK, SOCIOLOGY, OR OTHER SOCIAL SCIENCE AREAS.  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 1 HOURS TROY 1101 OR TROY 1105 BIO 1101/L101 ORGANISMAL BIOLOGY W/ LAB 3/1 HOURS TROY 1101 OR TROY 1105 BIO 1101/L101 ORGANISMAL BIOLOGY W/ LAB 3/1 HOURS AREA VONTINUED:  TAKE ONE PHYSICS SEQUENCE PHY 2252/L253 GENERAL PHYSICS II W/ LAB	AREA II	
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, NURSING, PHILOSOPHY, CLASSICS. THEATRE, MUSIC, DANCE, COMMUNICATION, SIGN LANGUAGE, INTERDISCIPLINARY STUDIES, OR OTHER HUMANITIES/FINE ARTS AREAS.  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 MINIMUM GRADE OF "C" REQ. BIO 1100/L100 PRINCIPLES OF BIOLOGY W/ LAB CHM 1142/L142 GENERAL CHEMISTRY I W/ LAB  AREA IV  TAKE ANY 1000-2000 LEVEL COURSE WITH A PRIMARY FOCUS IN HISTORY TAKE THREE 1000-2000 LEVEL COURSE FROM THE FOLLOWING SOCIAL SCIENCE DISCIPLINES: ANTHROPOLOGY, BUSINESS, CRIMINAL JUSTICE, ECONOMICS, GEOGRAPHY, HISTORY, HUMAN SERVICES, LEADERSHIP, HOSPITALITY, SPORT, & TOURISM MANAGEMENT, INTERDISCIPLINARY STUDIES, NURSING, POLITICAL SCIENCE, PSYCHOLOGY, NUTRITION, RELIGION, SOCIAL WORK, SOCIOLOGY, OR OTHER SOCIAL SCIENCE AREAS.  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 37 HOURS BIO 1101/L101 ORGANISMAL BIOLOGY W/ LAB 37 HOURS CHM 1143/L143 GENERAL CHEMISTRY II W/ LAB 37 HOURS CHM 1143/L143 GENERAL CHEMISTRY II W/ LAB PHY 22253/L253 GENERAL PHYSICS I W/ LAB PHY 22253/L253 GENERAL PHYSICS II W/ LAB	TAKE ANY 1000 2000 LEVEL COURSE WITH AN EXPANDED HISTORICAL and cultural scope in fine arts, including the disciplines of	
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 MINIMUM GRADE OF "C" REQ. BIO 1100/L100 PRINCIPLES OF BIOLOGY W/ LAB CHM 1142/L142 GENERAL CHEMISTRY I W/ LAB 3/1 HOURS CHM 1142/L142 GENERAL CHEMISTRY I W/ LAB  AREA IV  TAKE ANY 1000-2000 LEVEL COURSE WITH A PRIMARY FOCUS IN HISTORY TAKE THREE 1000-2000 LEVEL COURSE FROM THE FOLLOWING SOCIAL SCIENCE DISCIPLINES: ANTHROPOLOGY, BUSINESS, CRIMINAL JUSTICE. ECONOMICS, GEOGRAPHY, HISTORY, HUMAN SERVICES, LEADERSHIP, HOSPITALITY, SPORT, A. TOURISM MANAGEMENT, INTERDISCIPLINARY STUDIES, NURSING, POLITICAL SCIENCE, PSYCHOLOGY, NUTRITION, RELIGION, SOCIAL WORK, SOCIOLOGY, OR OTHER SOCIAL SCIENCE AREAS.  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 I HOUR BIO 100/H101 ORGANISMAL BIOLOGY W/ LAB CHM 143/L143 GENERAL CHEMISTRY II W/ LAB BIO 1101/H101 ORGANISMAL BIOLOGY W/ LAB CHM 143/L143 GENERAL CHEMISTRY II W/ LAB PHY 2253/L253 GENERAL PHYSICS I W/ LAB PHY 2253/L253 GENERAL PHYSICS I W/ LAB OR	HISTORICAL AND CULTURAL SCOPE IN THE HUMANITIES/FINE ARTS DISCIPLINES, INCLUDING ENGLISH, FOREIGN LANGUAGES, RELIGION, NURSING, PHILOSOPHY, CLASSICS, THEATRE, MUSIC, DANCE, COMMUNICATION,	6 HOURS
MTH 1125 CALCULUS MINIMUM GRADE OF "C" REQ BIO 1100/L100 PRINCIPLES OF BIOLOGY W/ LAB CHM 1142/L142 GENERAL CHEMISTRY I W/ LAB  AREA IV  TAKE ANY 1000-2000 LEVEL COURSE WITH A PRIMARY FOCUS IN HISTORY TAKE THREE 1000-2000 LEVEL COURSE FROM THE FOLLOWING SOCIAL SCIENCE DISCIPLINES: ANTHROPOLOGY, BUSINESS, CRIMINAL JUSTICE, ECONOMICS, GEOGRAPHY, HISTORY, HUMAN SERVICES, LEADERSHIP, HOSPITALITY, SPORT, & TOURISM MANAGEMENT, INTERDISCIPLINARY STUDIES, NURSING, POLITICAL SCIENCE, PSYCHOLOGY, NUTRITION, RELIGION, SOCIAL WORK, SOCIOLOGY, OR OTHER SOCIAL SCIENCE AREAS.  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 TROY 1101 OR TROY 1105 BIO 1101/L101 ORGANISMAL BIOLOGY W/ LAB CHM 1143/L143 GENERAL CHEMISTRY II W/ LAB CHM 1143/L143 GENERAL CHEMISTRY II W/ LAB PHY 2253/L253 GENERAL PHYSICS I W/ LAB OR  TAKE ONE PHYSICS SEQUENCE PHY 2253/L253 GENERAL PHYSICS I W/ LAB OR	NOTE: A SEQUENCE IN LITERATURE OR HISTORY IS REQ. WHEN SELECTING COURSEWORK IN	
MINIMUM GRADE OF "C" REQ. BIO 1100/L100 PRINCIPLES OF BIOLOGY W/ LAB CHM 1142/L142 GENERAL CHEMISTRY I W/ LAB  AREA IV  TAKE ANY 1000-2000 LEVEL COURSE WITH A PRIMARY FOCUS IN HISTORY TAKE THREE 1000-2000 LEVEL COURSE FROM THE FOLLOWING SOCIAL SCIENCE DISCIPLINES: ANTHROPOLOGY, BUSINESS, CRIMINAL JUSTICE, ECONOMICS, GEOGRAPHY, HISTORY, HUMAN SERVICES, LEADERSHIP, HOSPITALITY, SPORT, & TOURISM MANAGEMENT. INTERDISCIPLINARY STUDIES, NURSING, POLITICAL SCIENCE, PSYCHOLOGY, NUTRITION, RELIGION, SOCIAL WORK, SOCIOLOGY, OR OTHER SOCIAL SCIENCE AREAS.  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 TROY 1101 OR TROY 1105 BIO 1101/L101 ORGANISMAL BIOLOGY W/ LAB CHM 1143/L143 GENERAL CHEMISTRY II W/ LAB CHM 1143/L143 GENERAL CHEMISTRY II W/ LAB PHY 2252/L252 GENERAL PHYSICS I W/ LAB PHY 2252/L252 GENERAL PHYSICS I W/ LAB OR OR  MINIMUM GRADE 3/1 HOURS 3/1 HOURS 3/1 HOURS AREA V CONTINUED:	AREA III	
BIO 1100/L100 PRINCIPLES OF BIOLOGY W/ LAB 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 TAKE THREE 1000-2000 LEVEL COURSE FROM THE FOLLOWING SOCIAL SCIENCE DISCIPLINES: ANTHROPOLOGY, BUSINESS, CRIMINAL JUSTICE, ECONOMICS, GEOGRAPHY, HISTORY, HUMAN SERVICES, LEADERSHIP, HOSPITALITY, SPORT, & TOURISM MANAGEMENT, INTERDISCIPLINARY STUDIES, NURSING, POLITICAL SCIENCE, PSYCHOLOGY, NUTRITION, RELIGION, SOCIAL WORK, SOCIOLOGY, OR OTHER SOCIAL SCIENCE AREAS.  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 TROY 1101 OR TROY 1105 1101/L101 ORGANISMAL BIOLOGY W/ LAB CHM 1143/L143 GENERAL CHEMISTRY II W/ LAB 3/1 HOURS AREA V CONTINUED:  TAKE ONE PHYSICS SEQUENCE PHY 22253/L2523 GENERAL PHYSICS I W/ LAB OR		4 HOURS
TAKE ANY 1000-2000 LEVEL COURSE WITH A PRIMARY FOCUS IN HISTORY  TAKE THREE 1000-2000 LEVEL COURSE FROM THE FOLLOWING SOCIAL  SCIENCE DISCIPLINES: ANTHROPOLOGY, BUSINESS, CRIMINAL JUSTICE, ECONOMICS, GEOGRAPHY, HISTORY, HUMAN SERVICES, LEADERSHIP, HOSPITALITY, SPORT, & TOURISM MANAGEMENT, INTERDISCIPLINARY STUDIES, NURSING, POLITICAL SCIENCE, PSYCHOLOGY, NUTRITION, RELIGION, SOCIAL WORK, SOCIOLOGY, OR OTHER SOCIAL SCIENCE AREAS.  NOTE: A SEQUENCE IN LITERATURE OR HISTORY IS REQ. WHEN SELECTING COURSEWORK IN AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT.  AREA V  1S 2241 COMPUTER CONCEPTS AND APPLICATIONS TROY 1101 OR TROY 1105 11 HOUR BIO 1101/L101 ORGANISMAL BIOLOGY W/ LAB CHM 1143/L143 GENERAL CHEMISTRY II W/ LAB 3/1 HOURS CHM 1143/L143 GENERAL CHEMISTRY II W/ LAB OR  AREA V CONTINUED:  TAKE ONE PHYSICS SEQUENCE PHY 2253/L253 GENERAL PHYSICS I W/ LAB OR  8 HOURS PHY 2253/L253 GENERAL PHYSICS I W/ LAB OR	BIO 1100/L100 PRINCIPLES OF BIOLOGY W/ LAB	
TAKE THREE 1000-2000 LEVEL COURSE FROM THE FOLLOWING SOCIAL  SCIENCE DISCIPLINES: ANTHROPOLOGY, BUSINESS, CRIMINAL JUSTICE, ECONOMICS, GEOGRAPHY, HISTORY, HUMAN SERVICES, LEADERSHIP, HOSPITALITY, SPORT, & TOURISM MANAGEMENT, INTERDISCIPLINARY STUDIES, NURSING, POLITICAL SCIENCE, PSYCHOLOGY, NUTRITION, RELIGION, SOCIAL WORK, SOCIOLOGY, OR OTHER SOCIAL SCIENCE AREAS.  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 OR TROY 1105 1 HOUR BIO 1101/L101 ORGANISMAL BIOLOGY W/ LAB 3/1 HOURS CHM 1143/L143 GENERAL CHEMISTRY II W/ LAB 3/1 HOURS AREA V CONTINUED:  TAKE ONE PHYSICS SEQUENCE PHY 2252/L252 GENERAL PHYSICS I W/ LAB OR  8 HOURS PHY 2253/L253 GENERAL PHYSICS I W/ LAB OR	AREA IV	
II OR IV, PLEASE CONSIDER THIS REQUIREMENT.  AREA V  IS 2241 COMPUTER CONCEPTS AND APPLICATIONS TROY 1101 OR TROY 1105 BIO 1101/L101 ORGANISMAL BIOLOGY W/ LAB CHM 1143/L143 GENERAL CHEMISTRY II W/ LAB  AREA V CONTINUED:  TAKE ONE PHYSICS SEQUENCE PHY 2252/L252 GENERAL PHYSICS I W/ LAB OR  8 HOURS OR	TAKE THREE 1000-2000 LEVEL COURSE FROM THE FOLLOWING SOCIAL SCIENCE DISCIPLINES: ANTHROPOLOGY, BUSINESS, CRIMINAL JUSTICE, ECONOMICS, GEOGRAPHY, HISTORY, HUMAN SERVICES, LEADERSHIP, HOSPITALITY, SPORT, & TOURISM MANAGEMENT, INTERDISCIPLINARY STUDIES, NURSING, POLITICAL SCIENCE, PSYCHOLOGY, NUTRITION, RELIGION, SOCIAL WORK, SOCIOLOGY, OR	
1S 2241 COMPUTER CONCEPTS AND APPLICATIONS TROY 1101 OR TROY 1105 BIO 1101/L101 ORGANISMAL BIOLOGY W/ LAB CHM 1143/L143 GENERAL CHEMISTRY II W/ LAB  AREA V CONTINUED:  TAKE ONE PHYSICS SEQUENCE PHY 2252/L252 GENERAL PHYSICS I W/ LAB PHY 2253/L253 GENERAL PHYSICS II W/ LAB OR		as .
TROY 1101 OR TROY 1105  BIO 1101/L101 ORGANISMAL BIOLOGY W/ LAB CHM 1143/L143 GENERAL CHEMISTRY II W/ LAB  AREA V CONTINUED:  TAKE ONE PHYSICS SEQUENCE PHY 2252/L252 GENERAL PHYSICS I W/ LAB PHY 2253/L253 GENERAL PHYSICS II W/ LAB OR	AREA V	
TAKE ONE PHYSICS SEQUENCE PHY 2252/L252 GENERAL PHYSICS I W/ LAB PHY 2253/L253 GENERAL PHYSICS II W/ LAB OR	TROY 1101 OR TROY 1105 BIO 1101/L101 ORGANISMAL BIOLOGY W/ LAB	1 HOUR 3/1 HOURS
PHY 2252/L252 GENERAL PHYSICS I W/ LAB PHY 2253/L253 GENERAL PHYSICS II W/ LAB OR	AREA V CONTINUED:	
	PHY 2252/L252 GENERAL PHYSICS I W/ LAB PHY 2253/L253 GENERAL PHYSICS II W/ LAB	8 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. PLEASE CONSIDER THIS REQUIREMENT. WHEN

2263/L253 GENERAL PHYSICS II WITH CALCULUS W/ LAB



## **BIOMEDICAL SCIENCES PROGRAM** (54 HOURS) TAKE THE FOLLOWING COURSES: 2.0 GPA REQUIRED 2220 BIO PRINCIPLES OF CELL BIOLOGY 3 HOURS 2229/L229 GENERAL ECOLOGY/LAB BIO 3/1 HOURS 3 HOURS BIO 3320 GENETICS CHM 3342/L342 ORGANIC CHEMISTRY I/LAB 3/1 HOURS CHM 3343/L343 ORGANIC CHEMISTRY II/LAB (DEPARTMENTAL RECOMMENDATION) 3/1 HOURS CHM 3352/L352 BIO CHEMISTRY/LAB

INTRODUCTORY STATISTICS OR BIO 3315 INTRODUCTION TO BIOSTATISTICS 4484 SENIOR SEMINAR IN BIOLOGICAL & ENVIRONMENTAL SCIENCES 1 HOUR BIO MAJOR ELECTIVES 32 HOURS

TAKE 32-34 ADDITIONAL SEMESTER HOURS IN APPROVED UPPER LEVEL BIOLOGY, BIOCHEMISTRY (CHM 3352), MARINE BIOLOGY COURSES, OR MEDICAL LAB SCIENCE COURSES (MLS - HOSPITAL INTERNSHIP STUDENTS ONLY). THE 32-34 HOURS CHOSEN SHOULD BE BASED ON FUTURE PLANS FOR EMPLOYMENT, GRADUATE SCHOOL, OR PROFESSIONAL SCHOOL. (BIOCHEMISTRY COURSE(S) REQUIRE AN ACADEMIC EVALUATOR EXCEPTION.)

SPECIAL TOPICS IN BIOLOGY (BIO 4476), GUIDED INDEPENDENT STUDIES (BIO 4491/4492), AND GUIDED INDEPENDENT RESEARCH (BIO 4493/4494) MAY ONLY BE TAKEN FOR A MAXIMUM OF 6 SEMESTER HOURS.

## FREE ELECTIVE REQUIRMENT

STAT 2210

(4 HOURS)

3 HOURS

TAKE 4 HOURS OF FREE ELECTIVE CREDIT.

DR DENOTES DEPARTMENT RECOMMENDED COURSE. TAKE MTH 1114 AS FREE ELECTIVE COURSE IF NEEDED.

MY DEGREE MAP SERVES AS A GUIDE TO ASSIST YOU WITH THE PROPER SEQUENCE AND SELECTION OF COURSES. IT DOES NOT REPLACE YOUR PROGRAM EVALUATION, WHICH DEPICTS THE OFFICIAL DOCUMENT USED TO CLEAR STUDENTS FOR GRADUATION. MY DEGREE MAP INCLUDES THE REQUIRED COURSE WORK AND SUGGESTED SEQUENCE OF COURSES FOR A PARTICULAR DEGREE PROGRAM. EVERY REASONABLE ATTEMPT HAS BEEN MADE TO ENSURE ACCURACY OF CONTENT. PLEASE KEEP IN MIND THAT SOME COURSES, SUCH AS DEVELOPMENTAL OR PRE-REQUISITE COURSES, ARE NOT REFLECTED IN MY DEGREE MAP. COMPLETION OF DEGREE REQUIREMENTS IS BASED ON THE SPECIFIC CATALOG YEAR UNDER WHICH YOU WERE ADMITTED TO TROY. PLEASE CONSULT THE COLLEGE CATALOG, YOUR ACADEMIC ADVISOR, YOUR SPECIFIC SCHOOL, DEPARTMENT, OR YOUR PROGRAM EVALUATION FOR ANY ADDITIONAL REQUIREMENTS.