TROY UNIVERSITY M MY DEGREE MAP COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN BIOMEDICAL SCIENCES PROGRAM--PROGRAM YEAR 2020-2021

1 st YEAR							
1 st SEMESTER	HOURS	2 ND SEMESTER	HOURS				
TROY 1101	1	ENG 1102/04	3				
ENG 1101/03	3	BIO 1101/LAB	3/1				
MTH 1125	4	AREA II HUM/FA COURSE	3				
AREA IV HIS COURSE	3	AREA IV SS COURSE	3				
BIO 1100/LAB	3/1	IS 2241	3				
TOTAL	15	TOTAL	16				
2 ND YEAR							
3 RD SEMESTER	HOURS	4^{TH} semester	HOURS				
AREA II LIT COURSE	3	CHM 1143/LAB	3/1				
BIO 2220/LAB	3/1	AREA IV SS COURSE	3				
AREA II FINE ARTS COURSE	3	STAT 2210	3				
CHM 1142/LAB	3/1	REQ MAJ ELEC	3				
TOTAL	14	TOTAL	13				
		<u>YEAR</u>					
5 th Semester	HOURS	6 th Semester	HOURS				
BIO 2229/LAB	3/1	AREA V PHY/LAB SEQ	3/1				
CHM 3342/LAB	3/1	BIO 3320/LAB	3/1				
REQ MAJ ELEC	3/1	CHM 3343/LAB	3/1				
AREA V PHY/LAB SEQ	3/1	REQ MAJ ELEC	3/1				
TOTAL	16	TOTAL	16				
		/EAR					
7 th SEMESTER	HOURS	8 th SEMESTER	HOURS				
REQ MAJ ELEC	3/1	BIO 4484	1				
REQ MAJ ELEC	3/1	AREA IV SS COURSE	3				
AREA II HUM/FA COURSE	3	REQ MAJ ELEC	3/1				
REQ MAJ ELEC	3	REQ MAJ ELEC	3				
FREE ELEC	2	REQ MAJ ELEC	3				
SUBMIT GRADUATION Application		A SALES SALES					
TOTAL	16	TOTAL	14				
		TOTAL PROGRAM	120				

UNIVERSITY TM College of Arts and Sciences Approved Academic Plan Biomedical Sciences Program—Program year 2020-2021

YC

COMPLETE ALL REQUIREMENTS			
AREA I			
TAKE THE FOLLOWING COURSES: Eng 1101 comp and modern English I Eng 1102 comp and modern English II Minimum grade of "C" Req.	3 HOURS 3 Hours		
AREA 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, Film, or other fine Arts Area.	3 HOURS 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.			
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	4 HOURS		
BIO 1100/L100 PRINCIPLES OF BIOLOGY W/ LAB CHM 1142/L142 GENERAL CHEMISTRY I W/ LAB	3/1 HOURS 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, interdisciplinary studies, Nursing, Political Science, Psychology, 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.			
AREAV			
IS 2241 COMPUTER CONCEPTS AND APPLICATIONS TROY 1101 THE UNIVERISTY EXPERIENCE BIO 1101/L101 ORGANISMAL BIOLOGY W/ LAB CHM 1143/L143 GENERAL CHEMISTRY II W/ LAB	3 HOURS 1 HOUR 3/1 HOURS 3/1 HOURS		
AREA V CONTINUED:			
TAKE ONE PHYSICS SEQUENCEPHY2252/L252 GENERAL PHYSICS I W/ LABPHY2253/L253 GENERAL PHYSICS II W/ LAB	8 HOURS		
OR PHY 2262/1262 GENERAL PHYSICS I WITH CALCULUS W/ LAB PHY 2263/1263 GENERAL PHYSICS II WITH CALCULUS W/ LAB			

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. COMPLE-TION 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 SELECTING COURSE-WORK IN AREAS II OR IV.

JNIVERSITY TM COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN BIOMEDICAL SCIENCES PROGRAM--PROGRAM YEAR 2020-2021

BIOMEDICAL SCIENCES PROGRAM

AKE 1	THE FOLLC	DWING COURSES:			
0 GP	A REQUIRE	ED			
IO	2220/L220	PRINCIPLES OF CELL BIOLOGY	3/1 HOURS		
IO	2229/L229	GENERAL ECOLOGY/LAB	3/1 HOURS		
IO	3320/L320	GENETICS/LAB	3/1 HOURS		
HM	3342/L342	ORGANIC CHEMISTRY I/LAB	3/1 HOURS		
ΗM	3343/L343	ORGANIC CHEMISTRY II/LAB	3/1 HOURS		
TAT	2210	INTRODUCTORY STATISTICS	3 HOURS		
IO	4484	SENIOR SEMINAR IN BIOLOGICAL & ENVIRONMENTAL SCIENCES	1 HOUR		
R ELE	ECTIVES		32 HOURS		
TAKE 30-32 ADDITIONAL SEMESTER HOURS IN APPROVED UPPER LEVEL					
(BIOCHEMISTRY COURSE(S) REQUIRE AN ACADEMIC EVALUATOR EXCEPTION.)					
	0 GP 10 10 HM FAT 10 R EL AKE 3 IOLC HE 3 MPLC	0 GPA REQUIRI 10 2220/L220 10 2229/L229 10 3320/L320 HM 3342/L342 HM 3343/L343 FAT 2210 10 4484 R ELECTIVES AKE 30-32 ADDI 10LOGY, BIOCH HE 30-32 HOUR MPLOYMENT, G	IO 2229/L229 GENERAL ECOLOGY/LAB IO 3320/L320 GENETICS/LAB HM 3342/L342 ORGANIC CHEMISTRY I/LAB HM 3343/L343 ORGANIC CHEMISTRY II/LAB IAT 2210 INTRODUCTORY STATISTICS IO 4484 SENIOR SEMINAR IN BIOLOGICAL & ENVIRONMENTAL SCIENCES R ELECTIVES		

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

M

TAKE 2 SEMESTER HOURS OF FREE ELECTIVE CREDIT.

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 (AVAILABLE THROUGH TROJAN WEB EXPRESS), 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 PRASONABLE ATTEMPT HAS BEEN MADE TO ENSURE ACCURACY OF CONTENT. PLEASE KEPT 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.

(2 HOURS)

(56 HOURS)