

MY DEGREE MAP

COLLEGE OF ARTS AND SCIENCE APPROVED ACADEMIC PLAN
BIOLOGY PROGRAM/ GENERAL BIOLOGY – PROGRAM YEAR 2014-2015

1ST YEAR	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5				
	ENG 1101/03	3	AREA II, GRP 4 COURSE	3	ENG 1102/04	3	IS 2241	3	CHOOSE TWO: ART 1133, MUS 1131, DRA 2200				
	MTH 1125	4	AREA IV, GRP 2 COURSE	3	BIO 1100/LAB	3/1	AREA IV, GRP 2 CRSE OPT	3					
							TROY 1101	1					
	TOTALS		7	TOTALS		6	TOTALS		7	TOTALS		4	
	FALL SEMESTER				SPRING SEMESTER				SUMMER SEMESTER				
	TROY 1101	1	ART 1133 OR MUS 1131 OR DRA 2200		2	ENG 1102/04	3	ART 1133 OR MUS 1131 OR DRA 2200		2	SELECT COURSES THAT HAVE NOT BEEN COMPLETED FROM PREVIOUS TERMS OR SEMESTERS AS PREREQUISITE COURSES OR COURSES TO BE RETAKEN		
ENG 1101/03	3				BIO 1100/LAB	3/1							
MTH 1125	4	AREA IV, GRP 2 COURSE		3	AREA IV, GRP 2 COURSE	3	IS 2241		3				
AREA II, GRP 4 COURSE	3												
TOTALS				TOTALS				TOTALS					
TOTALS				TOTALS				TOTALS					
TOTALS 16				TOTALS 15									
2ND YEAR	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5				
	AREA II, GRP 3 LIT COURSE	3	AREA IV, GRP 2 COURSE	3	CHM 1143/LAB	3/1	BIO 2220/LAB	3/1	AREA IV, HIS COURSE		3		
	CHM 1142/LAB	3/1	BIO 1101/LAB	3/1	MTH 2210	3	COM 2241	3	FREE ELECTIVE		1		
	TOTALS		7	TOTALS		7	TOTALS		7	TOTALS		4	
	FALL SEMESTER				SPRING SEMESTER				SUMMER SEMESTER				
	AREA II, GRP 3 LIT COURSE	3	BIO 1101/LAB		3/1	MTH 2210	3	BIO 2220/LAB		3/1	SELECT COURSES THAT HAVE NOT BEEN COMPLETED FROM PREVIOUS TERMS OR SEMESTERS AS PREREQUISITE COURSES OR COURSES TO BE RETAKEN		
	CHM 1142/LAB	3/1	AREA IV, GPR 2 COURSE		3	COM 2241	3	FREE ELECTIVE		1			
AREA IV, HIS COURSE	3				CHM 1143/LAB	3/1							
TOTALS				TOTALS				TOTALS					
TOTALS				TOTALS				TOTALS					
TOTALS 17				TOTALS 15									
3RD YEAR	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5				
	AREA V PHYSICS COURSE/LAB	4	CHM 3342/LAB	3/1	AREA V PHYSICS COURSE/LAB	3/1	BIO 3320/LAB	3/1					
	REQ BIO/LAB ELEC	3/1	BIO 2229/LAB	3/1	REQ BIO/LAB ELEC	3/1	CHM 3343/LAB	3/1					
	TOTALS		8	TOTALS		8	TOTALS		8	TOTALS		0	
	FALL SEMESTER				SPRING SEMESTER				SUMMER SEMESTER				
	AREA V PHYSICS COURSE/LAB	3/1	REQ BIO/LAB ELEC		3/1	AREA V PHYSICS COURSE/LAB	3/1	REQ BIO/LAB ELEC		3/1	SELECT COURSES THAT HAVE NOT BEEN COMPLETED FROM PREVIOUS TERMS OR SEMESTERS AS PREREQUISITE COURSES OR COURSES TO BE RETAKEN		
	BIO 2229/LAB	3/1	CHM 3342/LAB		3/1	CHM 3343/LAB	3/1	BIO 3320/LAB		3/1			
TOTALS				TOTALS				TOTALS					
TOTALS				TOTALS				TOTALS					
TOTALS 16				TOTALS 16									
4TH YEAR	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5				
	APPROVED BIO/LAB ELEC	3/1	APPROVED BIO/LAB ELEC		3/1	APPROVED BIO/LAB ELEC	3/1	APPROVED BIO/LAB ELEC		3/1			
	REQ BIO/LAB ELEC	3/1				REQ BIO/LAB ELEC	3/1	FREE ELECTIVE		1			
	TOTALS		8	TOTALS		4	TOTALS		8	TOTALS		5	
	FALL SEMESTER				SPRING SEMESTER				SUMMER SEMESTER				
	REQ BIO/LAB ELEC	3/1	APPROVED BIO/LAB ELEC		3/1	APPROVED BIO/LAB ELEC	3/1	FREE ELECTIVE		1	SELECT COURSES THAT HAVE NOT BEEN COMPLETED FROM PREVIOUS 4 TERMS OR COURSES SUCH AS PREREQUISITE COURSES OR COURSES TO BE RETAKEN		
	APPROVED BIO/LAB ELEC	3/1				APPROVED BIO/LAB ELEC	3/1	REQ BIO/LAB ELEC		3/1 MA			
TOTALS				TOTALS				TOTALS					
TOTALS				TOTALS				TOTALS					
TOTALS 12				TOTALS 13									

TOTAL PROGRAM 120

**COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN
BIOLOGY PROGRAM/GENERAL BIOLOGY - PROGRAM YEAR 2014-2015**

COMPLETE ALL 6 SUB-REQUIREMENTS

A. 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

B. AREA II:

GROUP 1: TAKE COM 2241 FUNDAMENTALS OF SPEECH 3 HOURS
GROUP 2: SELECT TWO COURSES FROM ART 1133*, MUS 1131*
OR DRA 2200 4 HOURS
GROUP 3: TAKE THREE SEMESTER HOURS FROM THE FOLLOWING: 3 HOURS
ENG 2205*, ENG 2206*, ENG 2211, ENG 2212, ENG 2244, ENG 2245
GROUP 4: TAKE THREE SEMESTER HOURS FROM THE FOLLOWING: 3 HOURS
ASL 1141, CLA 2260*, ENG 2205*, ENG 2206*, ENG 2211, ENG 2212,
ENG 2244, ENG 2245, FRN 1101*, GER 1121*, GRK 1111*, LAT 1131*,
PHI 2203, PHI 2204, ANT 2280* OR SPN 1141*

C. AREA III:

GROUP 1: TAKE THE FOLLOWING COURSES WITH CORRESPONDING LAB
BIO 1100/L100 PRINCIPLES OF BIOLOGY W/LAB 3/1 HOURS
CHM 1142/L142 GENERAL CHEMISTRY I W/LAB 3/1 HOURS
GROUP 2: TAKE MTH 1125 CALCULUS I ("C" OR BETTER) 3 HOURS

D. AREA IV:

GROUP 1: TAKE THREE SEMESTER HOURS FROM THE FOLLOWING: 3 HOURS
HIS 1101, HIS 1102, HIS 1111, HIS 1112, HIS 1122* OR HIS 1123*
GROUP 2: TAKE THREE SEMESTER HOURS FROM THE FOLLOWING: 3 HOURS
ANT 2200*, ECO 2251*, ECO 2252-, GEO 2210*, HIS 1101,
HIS 1102, HIS 1111, HIS 1112, HIS 1122*, HIS 1123*, POL 2260, POL
2241, PSY 2200, PSY 2210, IDS 2200, LDR 1100, OR SOC 2275

E. AREA V:

TAKE THE FOLLOWING COURSES:

BIO 1101/L101 ORGANISMAL BIOLOGY W/LAB 3/1 HOURS
CHM 1143/L143 GENERAL CHEMISTRY II 3/1 HOURS
IS 2241 COMPUTER CONCEPTS & APPLICATIONS 3 HOURS
TROY 1101 UNIVERSITY ORIENTATION 1 HOUR

AREA V CONTINUED:

TAKE ONE OF THE FOLLOWING PHYSICS COURSE WITH CORRESPONDING LAB: 3/1 HOURS
PHY 2252/L252 AND PHY 2253/L253
OR
PHY 2262/L262 AND PHY 2263/L263

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 & 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 MARKED WITH AN ASTERISK (*) ARE INTERNATIONAL COURSES. SIX HOURS OF INTERNATIONAL COURSEWORK IS REQUIRED. CONSIDER THIS REQUIREMENT WHEN SELECTING COURSEWORK IN AREAS II AND IV.

**COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN
BIOLOGY PROGRAM/GENERAL BIOLOGY - PROGRAM YEAR 2014-2015**

BIOLOGY PROGRAM GENERAL CONCENTRATION (43 HOURS)

A MINIMUM 2.0 GPA IS REQUIRED:

BOTANY:

TAKE ONE OF THE FOLLOWING COURSES WITH ITS CORRESPONDING LAB 4 HOURS

BIO 3325/L325	PLANT FORM AND FUNCTION W/LAB	3/1 HOURS
BIO 3326/L326	PLANT DIVERSITY W/LAB	3/1 HOURS
BIO 4425	FIELD BOTANY	4 HOURS

ECOLOGY/ENVIRONMENTAL:

TAKE ONE OF THE FOLLOWING COURSES WITH ITS CORRESPONDING LAB 4 HOURS

BIO 2202/L202	PRINCIPLES OF ENVIRONMENTAL SCIENCE W/LAB	3/1 HOURS
BIO 4413/L413	LIMNOLOGY W/LAB	3/1 HOURS
BIO 4416/L416	MICROBIAL ECOLOGY W/LAB	3/1 HOURS
BIO 4421/L421	POPULATION ECOLOGY W/LAB	3/1 HOURS
BIO 4479/L479	ENVIRONMENTAL ASSESSMENT W/LAB	3/1 HOURS

PHYSIOLOGY/CELL/MOLECULAR:

TAKE ONE OF THE FOLLOWING COURSES WITH ITS CORRESPONDING LAB 4 HOURS

BIO 3347/L347	HUMAN ANATOMY AND PHYSIOLOGY I W/LAB	3/1 HOURS
BIO 3348/L348	HUMAN ANATOMY AND PHYSIOLOGY II W/LAB	3/1 HOURS
BIO 3372/L372	MICROBIOLOGY W/LAB	3/1 HOURS
BIO 3382/L382	IMMUNOLOGY W/LAB	3/1 HOURS
BIO 3386/L386	HEMATOLOGY W/LAB	3/1 HOURS
BIO 4414/L414	FOOD MICROBIOLOGY W/LAB	3/1 HOURS
BIO 4430/L430	APPLIED GENETICS W/LAB	3/1 HOURS
BIO 4433/L433	EMBRYOLOGY W/LAB	3/1 HOURS
BIO 4451/L451	TOXICOLOGY W/LAB	3/1 HOURS
BIO 4480/L480	HISTOLOGY W/LAB	3/1 HOURS
BIO 4482/L482	MOLECULAR BIOLOGY W/LAB	3/1 HOURS

MAJOR ELECTIVES: (16 HOURS)

TAKE 16 ADDITIONAL SEMESTER HOURS OF BIO OR MB COURSES. THE 16 HOURS CHOSEN SHOULD BE BASED ON THE STUDENT'S FUTURE PLANS FOR EMPLOYMENT, GRADUATE SCHOOL, OR PROFESSIONAL SCHOOL. *SPECIAL TOPICS IN BIOLOGY (BIO 4476), GUIDE INDEPENDENT STUDIES (BIO 4491/4492) AND GUIDE INDEPENDENT RESEARCH (BIO 4494/4494) MAY ONLY BE TAKEN FOR A MAXIMUM OF 6 SEMESTER HOURS.

FREE ELECTIVES:

SELECT ONE HOUR OF FREE ELECTIVES 1 HOUR