

## MY DEGREE MAP COLLEGE OF EDUCATION APPROVED ACADEMIC PLAN BIOLOGY EDUCATION-PROGRAM YEAR 2024-25

THIS DOCUMENT IS PENDING STATE DEPARTMENT OF EDUCATION REVIEW

1ST SEMESTER	HRS	2ND SEMESTER	HRS
TROY 1101 OR TROY 1105	1	ENG 1102/04	3
ENG 1101/03	3	BIO 1101/L101	3/1
BIO 1100/LAB	3/1	CHM 1143/LAB	3/1
MTH 1125	4	AREA IV HIS COURSE	3
CHM 1142/LAB	3/1	AREA II FINE ARTS COURSE	3
TOTA	L 16	TOTAL	17
3RD SEMESTER	HRS	4TH SEMESTER	HRS
AREA II LIT COURSE CHM 3342/LAB	3	CHM 3343/LAB Area II Hum/Fa Course	3/1
AREA IV SS COURSE	3/1	BIO 2229/LAB	3/1
BIO 2220/L220	3/1	EDU 3305	3/1
EDU 3310	3	AREA II HUM/FA COURSE	3
		ADMIT TO TEP	
TOTA	L 17	TOTAL	17
5TH SEMESTER	HRS	6TH SEMESTER	HRS
AREA V PHY SEQ REQ/LAB	3/1	AREA V PHY SEQ REQ/LAB	3/1
STAT 2210	3	BIO 3320/L320	3/1
SPE 3340	3	BOTANY COURSE/LAB	3/1
EDU 3303	3	EDU 4400	3
IS 2241	3		
TOT	1 1(	тоты	15
TOTA	L 16	TOTAL	15
7TH SEMESTER	HRS	8TH SEMESTER	HRS
ECOLOGY/ENV COURSE/LAB	3/1	APPROVED MAJOR ELEC/LAB	3/1
PHYS/CELL/MOL COURSE/LAB	3/1	EDU 4471	3
ZOOLOGY COURSE/LAB	3/1	RED 4401	3
AREA IV SS COURSE	3	BIO 4481	3
	or all the	AREA IV SS COURSE	3
	1. 2. (17.)	PRAXIS II: CONTENT AREA EXAM	1.1.1
TOTA	L 15	TOTAL	16
9TH SEMESTER	HRS		
BIO 4474	9		Chi ser e T
SED 4454	3		2.114.11
TOTA	L 12	MINIMUM HOURS	141
SUBMIT GRADUATION APPLICATION		REQUIRED FOR DEGREE	141

**NOTE: THE INFORMATION PROVIDED THROUGHOUT THIS DOCUMENT IS SUBJECT TO CHANGE DUE TO CHANGES IN ALABAMA STATE DEPARTMENT GUIDELINES.** 



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COMPLETE ALL REQUIREMENTS	(62 HOURS)		
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, Nursing, 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 COURSEW IN AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT.	VORK		
AREA III			
TAKE MTH 1125 CALCULUS 1 Minimum grade of "C" required	4 HOURS		
BIO 1100/L100 PRINCIPLES OF BIOLOGY AND LAB CHM 1142/L142 GENERAL CHEMISTRY AND LAB	4 HOURS 4 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, Psycho Sociology, Ldr 1100, or Advisor Approved Courses (Requiring Substitution Form)	9 HOURS LOGY,		
NOTE: A SEQUENCE IN LITERATURE OR HISTORY IS REQUIRED. WHEN SELECTING COURSEWORK IN AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT.			
AREAV			
TAKE THE FOLLOWING COURSES:TROY1101 ORTROY 1105IS2241COMPUTER CONCEPTSBIO1101/L101Organismal biology and labCHM1143/L143General Chemistry II and Lab	1 HOUR 3 Hours 4 Hours 4 Hours 4 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 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.



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## **AREA V CONTINUED:**

AREA V CONTINUED:	
TAKE ONE PHYSICS SEQUENCE: Phy 2252/L252 General Physics I and Phy 2253/L2543 General Physics II Or Phy 2262/L252 General Physics I with Calculus and Phy 2263/L253 General Physics II with Calculus	8 HOURS
BIOLOGY MAJOR REQUIREMENTS 2.75 GPA REQUIRED	(23 HOURS)
BIO2220/L220PRIN CELL BIOLOGY W/LABBIO2229/L229GENERAL ECOLOGY W/LABBIO3320/L320GENETICS W/LABCHM3342/L342ORGANIC CHEMISTRY I W/LABCHM3343/L343ORGANIC CHEMISTRY II W/LABSTAT2210INTRODUCTORY STATISTICS	4 HOURS 4 HOURS 4 HOURS 4 HOURS 4 HOURS 3 HOURS
BOTANY	(4 HOURS)
TAKE BIO 3325/L325 OR BIO 4425	
ZOOLOGY	(4 HOURS)
TAKE BIO 3307/L307, BIO 4405, BIO 4420, BIO 4447/L447, or Bio 4471/L471	
ECOLOGY/ENVIRONMENTAL	(4 HOURS)
TAKE BIO 4413/L413, BIO 4416/L416, BIO 4421/L421, OR BIO 4479/L479	
PHYSIOLOGY/CELL/MOLECULAR	(4 HOURS)
TAKE BIO 3347/L347, BIO 3348/L348, BIO 3372/L372, BIO 3382/L382, BIO 3386/L386, BIO 4414/L414, BIO 4451/L451, BIO 4480/L480, OR BIO 4482/L482	
MAJOR ELECTIVES	(4 HOURS)
TAKE ONE UPPER-LEVEL (3000-4000) ADVISOR APPROVED Course and its corresponding LAB	
PROFESSIONAL STUDIES	(36 HOURS)
(MINIMUM GRADE OF 'C' REQUIRED)EDU3310INTRODUCTION TO EDUCATIONEDU3305TEACHING WITH TECHNOLOGYEDU4400CLASSROOM MANAGEMENTEDU4471CURRICULUM & INSTRUCTION DELIVERYRED4401READING IN THE CONTENT AREASEDU3303EDUCATIONAL PSYCHOLOGY& CLASSROOM ASSESSMENTSPE3340DIVERSE LEARNERSBIO4481METHODS AND MATERIALS FOR THE SECONDARY TEACHERSED4454INTERNSHIP SEMINARBIO4474INTERNSHIP IN BIOLOGY	3 HOURS 3 HOURS 3 HOURS 3 HOURS 3 HOURS 3 HOURS 3 HOURS 3 HOURS 9 HOURS

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. EVALUATION 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.