

**My Degree Map**  
**COLLEGE OF EDUCATION APPROVED ACADEMIC PLAN**  
**BIOLOGY EDUCATION-PROGRAM YEAR 2020-2021**

this document is pending state department of education review

# COLLEGE OF EDUCATION APPROVED ACADEMIC PLAN BIOLOGY EDUCATION-PROGRAM YEAR 2020-21

COMPLETE ALL REQUIREMENTS

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:

TAKE ONE PHYSICS SEQUENCE: 8 HOURS  
 PHY 2252/L252 GENERAL PHYSICS I AND PHY 2253/L2543 GENERAL PHYSICS II  
 OR  
 PHY 2262/L263 GENERAL PHYSICS I WITH CALCULUS AND PHY 2263/L263  
 GENERAL PHYSICS II WITH CALCULUS

### BIOLOGY MAJOR REQUIREMENTS (23 HOURS) 2.75 GPA REQUIRED

BIO	2220/L220	PRIN CELL BIOLOGY W/LAB	4 HOURS
BIO	2229/L229	GENERAL ECOLOGY W/LAB	4 HOURS
BIO	3320/L320	GENETICS W/LAB	4 HOURS
CHM	3342/L342	ORGANIC CHEMISTRY I W/LAB	4 HOURS
CHM	3343/L343	ORGANIC CHEMISTRY II W/LAB	4 HOURS
STAT	2210	INTRODUCTORY STATISTICS	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)

EDU	3310	INTRODUCTION TO EDUCATION	3 HOURS
EDU	3305	TEACHING WITH TECHNOLOGY	3 HOURS
EDU	4400	CLASSROOM MANAGEMENT	3 HOURS
EDU	4471	CURRICULUM & INSTRUCTION DELIVERY	3 HOURS
RED	4401	READING IN THE CONTENT AREAS	3 HOURS
EDU	3303	EDUCATIONAL PSYCHOLOGY& CLASSROOM ASSESSMENT	3 HOURS
SPE	3340	DIVERSE LEARNERS	3 HOURS
BIO	4481	METHODS AND MATERIALS FOR THE SECONDARY TEACHER	3 HOURS
SED	4454	INTERNSHIP SEMINAR	3 HOURS
BIO	4474	INTERNSHIP IN BIOLOGY	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 (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 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.