

MY DEGREE MAP
COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN
BIOLOGY MAJOR-PROGRAM YEAR 2020-2021

| | TERM 1 | | TERM 2 | | TERM 3 | | TERM 4 | | TERM 5 | |
|--------------------------------------|-----------------------|-----|--------------------------|-----|-----------------------|-----|-------------------|-----|-----------------------|-----|
| 1ST YEAR | MTH 1125 | 4 | AREA IV HIS COURSE | 3 | BIO 1100/LAB | 3/1 | BIO 1101/LAB | 3/1 | AREA II HUM/FA COURSE | 3 |
| | ENG 1101/03 | 3 | ENG 1102/04 | 3 | IS 2241 | 3 | AREA IV SS COURSE | 3 | | |
| | | | TROY 1101 | 1 | | | | | | |
| | TOTAL | 7 | TOTAL | 7 | TOTAL | 7 | TOTAL | 7 | TOTAL | 3 |
| 2ND YEAR | TERM 1 | | TERM 2 | | TERM 3 | | TERM 4 | | TERM 5 | |
| | AREA II LIT COURSE | 3 | AREA II FINE ARTS COURSE | 3 | CHM 1142/LAB | 3/1 | CHM 1143/L143 | 3/1 | MINOR COURSE | 3 |
| | BIO 2220/LAB | 3/1 | AREA IV SS COURSE | 3 | STAT 2210 | 3 | MINOR COURSE | 3 | | |
| | TOTAL | 7 | TOTAL | 6 | TOTAL | 7 | TOTAL | 7 | TOTAL | 3 |
| 3RD YEAR | TERM 1 | | TERM 2 | | TERM 3 | | TERM 4 | | TERM 5 | |
| | AREA V PHY/LAB SEQ | 3/1 | REQ BOTANY ELEC | 3/1 | AREA V PHY/LAB SEQ | 3/1 | CHM 3343/LAB | 3/1 | REQ ZOOLOGY ELEC | 3/1 |
| | BIO 2229/LAB | 3/1 | CHM 3342/LAB | 3/1 | BIO 3320/LAB | 3/1 | | | | |
| | TOTAL | 8 | TOTAL | 8 | TOTAL | 8 | TOTAL | 4 | TOTAL | 4 |
| 4TH YEAR | TERM 1 | | TERM 2 | | TERM 3 | | TERM 4 | | TERM 5 | |
| | AREA II HUM/FA COURSE | 3 | MINOR COURSE | 3 | MINOR COURSE | 3 | BIO 4484 | 1 | MINOR COURSE | 3 |
| | REQ ECOL/ENV ELEC | 3/1 | REQ PHY/CELL/MOL ELEC | 3/1 | APPROVED BIO/LAB ELEC | 3/1 | AREA IV SS COURSE | 3 | | |
| | | | | | | | MINOR COURSE | 3 | | |
| | TOTAL | 7 | TOTAL | 7 | TOTAL | 7 | TOTAL | 7 | TOTAL | 3 |
| SUBMIT GRADUATION APPLICATION | | | | | | | | | | |
| TOTAL PROGRAM 124 | | | | | | | | | | |

COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN BIOLOGY MAJOR–PROGRAM YEAR 2020-2021

COMPLETE ALL REQUIREMENTS (62 HOURS)

AREA I

TAKE THE FOLLOWING COURSES:

| | | |
|--------------------------|----------------------------|---------|
| ENG 1101 | COMP AND MODERN ENGLISH I | 3 HOURS |
| ENG 1102 | COMP AND MODERN ENGLISH II | 3 HOURS |
| MINIMUM GRADE OF "C" REQ | | |

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, 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 REQ WHEN SELECTING COURSEWORK IN AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT.

AREA III

| | | |
|--------------------------|------------------------------|-----------|
| MTH 1125 | CALCULUS | 4 HOURS |
| MINIMUM GRADE OF "C" REQ | | |
| BIO 1100/L100 | PRINCIPLES OF BIOLOGY W/ LAB | 3/1 HOURS |
| 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 | 3 HOURS |
| 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. | 9 HOURS |

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 | THE UNIVERSITY EXPERIENCE | 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 | 8 HOURS |
| PHY 2252/L252 | GENERAL PHYSICS I W/ LAB |
| PHY 2253/L253 | GENERAL PHYSICS II W/ LAB |
| OR | |
| PHY 2262/L262 | GENERAL PHYSICS I WITH CALCULUS W/ LAB |
| PHY 2263/L263 | GENERAL PHYSICS II WITH CALCULUS W/ LAB |

**COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN
BIOLOGY MAJOR–PROGRAM YEAR 2020-2021**

BIOLOGY MAJOR (44 HOURS)

TAKE THE FOLLOWING COURSES:

2.0 GPA REQUIRED

| | | |
|---------------|---|-----------|
| BIO 2220/L220 | PRINCIPLES OF CELL BIOLOGY | 3/1 HOURS |
| BIO 2229/L229 | GENERAL ECOLOGY/LAB | 3/1 HOURS |
| BIO 3320/L320 | GENETICS/LAB | 3/1 HOURS |
| CHM 3342/L342 | ORGANIC CHEMISTRY I/LAB | 3/1 HOURS |
| CHM 3343/L343 | ORGANIC CHEMISTRY II/LAB | 3/1 HOURS |
| STAT 2210 | INTRODUCTORY STATISTICS | 3 HOURS |
| BIO 4484 | SENIOR SEMINAR IN BIOLOGICAL & ENVIRONMENTAL SCIENCES | 1 HOUR |

BOTANY 3/1 HOURS

TAKE ONE OF THE FOLLOWING BOTANY COURSES WITH ITS CORRESPONDING LAB.
BIO 3325/L325 OR BIO 4425

ZOOLOGY 3/1 HOURS

TAKE ONE OF THE FOLLOWING ZOOLOGY COURSES WITH ITS CORRESPONDING LAB.
BIO 3307/L307, BIO 4405/L305, BIO 4420, BIO 4447/L447, BIO 4471/L471

ECOLOGY/ENVIRONMENTAL 3/1 HOURS

TAKE ONE OF THE FOLLOWING ECOLOGY/ENVIRONMENTAL COURSES WITH ITS
CORRESPONDING LAB.

BIO 4413/L413, BIO 4416/L416, BIO 4421/L421, OR BIO 4479/L479

PHYSIOLOGY/CELL/MOLECULAR 3/1 HOURS

TAKE ONE OF THE FOLLOWING PHYSIOLOGY/CELL/MOLECULAR COURSES WITH
ITS CORRESPONDING LAB.

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 ELECTIVE 3/1 HOURS

SELECT ONE UPPER-LEVEL (3000-4000) ADVISOR-APPROVED BIOLOGY COURSE
AND ITS CORRESPONDING LAB.

MINOR (18 HOURS)

AT LEAST ONE 18 SEMESTER HOUR MINOR IS REQUIRED TO COMPLETE THIS DEGREE
PROGRAM. ADDITIONAL MAJORS ARE ACCEPTABLE.