# MY DEGREE MAP
## COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN
### BIOMEDICAL SCIENCES PROGRAM–PROGRAM YEAR 2021-22

<table>
<thead>
<tr>
<th>1ST YEAR</th>
<th>2ND YEAR</th>
<th>3RD YEAR</th>
<th>4TH YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TERM 1</strong></td>
<td><strong>TERM 2</strong></td>
<td><strong>TERM 3</strong></td>
<td><strong>TERM 4</strong></td>
</tr>
<tr>
<td>MTH 1125</td>
<td>4</td>
<td>AREA IV HIS COURSE</td>
<td>3</td>
</tr>
<tr>
<td>ENG 1101/03</td>
<td>3</td>
<td>ENG 1102/04</td>
<td>3</td>
</tr>
<tr>
<td>TROY 1101</td>
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<td><strong>TOTAL</strong></td>
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<tr>
<th>2ND YEAR</th>
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</thead>
<tbody>
<tr>
<td>AREA II LIT COURSE</td>
<td>3</td>
<td>AREA II FINE ARTS COURSE</td>
<td>3</td>
</tr>
<tr>
<td>BIO 2220</td>
<td>3</td>
<td>AREA IV SS COURSE</td>
<td>3</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>6</strong></td>
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<th>3RD YEAR</th>
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<tbody>
<tr>
<td>AREA V PHY/LAB SEQ</td>
<td>3/1</td>
<td>REQ BOTANY ELEC</td>
<td>3/1</td>
<td>AREA V PHY/LAB SEQ</td>
<td>3/1</td>
</tr>
<tr>
<td>BIO 2229/LAB</td>
<td>3/1</td>
<td>CHM 3342/LAB</td>
<td>3/1</td>
<td>BIO 3320</td>
<td>3</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td><strong>8</strong></td>
<td><strong>TOTAL</strong></td>
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<th>4TH YEAR</th>
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</thead>
<tbody>
<tr>
<td>AREAII HUM/FA COURSE</td>
<td>3</td>
<td>REQ MAJ ELEC</td>
<td>3/1</td>
<td>REQ MAJ ELEC</td>
<td>3/1</td>
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<tr>
<td>REQ MAJ ELEC</td>
<td>3/1</td>
<td>REQ MAJ ELEC</td>
<td>3/1</td>
<td>AREA IV SS COURSE</td>
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**TOTAL PROGRAM 120**
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 of study. A minimum GPA of 2.0 overall and in the major is required to graduate. 

NOTE: A sequence in literature or history is required. When selecting coursework in Areas II or IV, please consider this requirement.

COMPLETE ALL REQUIREMENTS (62 HOURS)

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.

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.
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.
BIO 1100/L100 PRINCIPLES OF BIOLOGY W/ LAB
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
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, SOCIOLGY, 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.

AREA V

IS 2241 COMPUTER CONCEPTS AND APPLICATIONS
- TROY 1101 THE UNIVERSITY EXPERIENCE
- BIO 1101/L101 ORGANISMAL BIOLOGY W/ LAB
CHM 1143/L143 GENERAL CHEMISTRY II W/ LAB

3/1 HOURS

AREA V CONTINUED:

TAKE ONE PHYSICS SEQUENCE
- 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

8 HOURS
BIOMEDICAL SCIENCES PROGRAM

TAKE THE FOLLOWING COURSES:

2.0 GPA REQUIRED

BIO 2220 PRINCIPLES OF CELL BIOLOGY 3 HOURS
BIO 2229/L229 GENERAL ECOLOGY/LAB 3/1 HOURS
BIO 3320 GENETICS 3 HOURS
CHM 3342/L342 ORGANIC CHEMISTRY I/LAB 3/1 HOURS
CHM 3343/L343 ORGANIC CHEMISTRY II/LAB 3/1 HOURS

OR

CHM 3352 BIO CHEMISTRY/LAB

STAT 2210 INTRODUCTORY STATISTICS 3 HOURS
BIO 4484 SENIOR SEMINAR IN BIOLOGICAL & ENVIRONMENTAL SCIENCES 1 HOUR

MAJOR ELECTIVES

TAKE 30-32 ADDITIONAL SEMESTER HOURS IN APPROVED UPPER LEVEL BIOLOGY, BIOCHEMISTRY (CHM 3352), OR MARINE BIOLOGY COURSES
THE 30-32 HOURS CHOSEN SHOULD BE BASED ON FUTURE PLANS FOR EMPLOYMENT, GRADUATE SCHOOL, OR PROFESSIONAL SCHOOL
(BIOCHEMISTRY COURSE(S) REQUIRE AN ACADEMIC EVALUATOR EXCEPTION.)

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 REQUIREMENT

TAKE 4 SEMESTER HOURS OF FREE ELECTIVE CREDIT.