

COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN
 COMPREHENSIVE GENERAL SCIENCE PROGRAM – PROGRAM YEAR 2017-18

| 1 ST YEAR | | | | |
|------------------------------|-----|--------------------------|-------|---|
| FALL SEMESTER | HRS | SPRING SEMESTER | HRS | SUMMER SEMESTER |
| TROY 1101 | 1 | ENG 1102/04 | 3 | SELECT COURSES THAT HAVE NOT BEEN COMPLETED FROM PREVIOUS TERMS OR SEMESTERS AS PREREQUISITE COURSES OR COURSES TO BE RETAKEN |
| ENG 1101/03 | 3 | PHY 2262/LAB | 3/1 | |
| MTH 1125 | 4 | BIO 1101/LAB | 3/1 | |
| BIO 1100/LAB | 3/1 | MTH 1126 | 4 | |
| SCI 2234/LAB | 3/1 | | | |
| TOTAL | 16 | TOTAL | 15 | |
| 2 ND YEAR | | | | |
| FALL SEMESTER | HRS | SPRING SEMESTER | HRS | SUMMER SEMESTER |
| AREA II LIT COURSE | 3 | PHY 3310/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 | MTH 2210 | 3 | |
| PHY 2263/LAB | 3/1 | CHM 1143/LAB | 3/1 | |
| FREE ELEC (MTH 2227 DR) | 4 | BIO 2220/LAB | 3/1 | |
| TOTAL | 15 | TOTAL | 15 | |
| 3 RD YEAR | | | | |
| FALL SEMESTER | HRS | SPRING SEMESTER | HRS | SUMMER SEMESTER |
| BIO 3347/LAB | 3/1 | AREA IV HIS COURSE | 3 | SELECT COURSES THAT HAVE NOT BEEN COMPLETED FROM PREVIOUS TERMS OR SEMESTERS AS PREREQUISITE COURSES OR COURSES TO BE RETAKEN |
| AREA IV SS COURSE | 3 | CHM 3343/LAB | 3/1 | |
| CHM 3342/LAB | 3/1 | BIO 3320/LAB | 3/1 | |
| PHY 3359/LAB | 3/1 | FREE ELEC | 3 | |
| | | AREA II FINE ARTS COURSE | 3 | |
| TOTAL | 15 | TOTAL | 17 | |
| 4 TH YEAR | | | | |
| FALL SEMESTER | HRS | SPRING SEMESTER | HRS | SUMMER SEMESTER |
| CHM 3381/LAB | 3/1 | AREA IV SS COURSE | 3 | SELECT COURSES THAT HAVE NOT BEEN COMPLETED FROM PREVIOUS TERMS OR SEMESTERS AS PREREQUISITE COURSES OR COURSES TO BE RETAKEN |
| PHY 4420 | 3 | IS 2241 | 3 | |
| AREA II HUM/FA COURSE | 3 | AREA II HUM/FA COURSE | 3 | |
| AREA IV SS COURSE | 3 | FREE ELEC (PHY 4440 DR) | 3 | |
| FREE ELEC | 2 | | | |
| FILE YOUR INTENT TO GRADUATE | | | | |
| TOTAL | 15 | TOTAL | 12 | |
| | | | TOTAL | 120 |

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COMPLETE ALL 6 SUB-REQUIREMENTS (54 HOURS)

A. AREA I:

TAKE THE FOLLOWING COURSES:

MINIMUM GRADE OF "C" REQUIRED

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| ENG 1101 | COMP AND MODERN ENGLISH I | 3 HOURS |
| ENG 1102 | COMP AND MODERN ENGLISH II | 3 HOURS |

B. AREA II:

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| TAKE ANY 1000-2000 LEVEL COURSE IN LITERATURE | 3 HOURS |
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| 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 |
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| 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 |
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C. AREA III:

TAKE THE FOLLOWING COURSES:

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| BIO 1100/L100 | PRINCIPLES OF BIOLOGY W/LAB | 4 HOURS |
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| CHM 1142/L142 | GENERAL CHEMISTRY I W/LAB | 4 HOURS |
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| MTH 1125 | CALCULUS I ("C" OR BETTER) | 4 HOURS |
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D. AREA IV:

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| TAKE ANY 1000-2000 LEVEL COURSE WITH A PRIMARY FOCUS IN HISTORY | 3 HOURS |
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| 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 |
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E. AREA V:

TAKE THE FOLLOWING COURSES:

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| PHY 2262/L262 | GENERAL PHYSICS I WITH CALCULUS W/LAB | 4 HOURS |
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| SCI 2234/L234 | EARTH & SPACE SCIENCE W/LAB | 4 HOURS |
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| IS 2241 | COMPUTER CONCEPTS & APPLICATIONS | 3 HOURS |
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| TROY 1101 | UNIVERSITY ORIENTATION | 1 HOUR |
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COMPREHENSIVE GENERAL SCIENCE

(54 HOURS)

MINIMUM 2.0 OVERALL GPA REQUIRED

TAKE THE FOLLOWING COURSES:

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| BIO | 1101/L101 | ORGANISMAL BIOLOGY W/LAB | 4 HOURS |
| BIO | 2220/L220 | PRIN CELL BIOLOGY W/LAB | 4 HOURS |
| BIO | 3320/L320 | GENETICS W/LAB | 4 HOURS |
| BIO | 3347/L347 | HUMAN ANATOMY & PHYSIOLOGY I W/LAB | 4 HOURS |
| CHM | 1143/L143 | GENERAL CHEMISTRY II W/LAB | 4 HOURS |
| CHM | 3342/L342 | ORGANIC CHEMISTRY I W/LAB | 4 HOURS |
| CHM | 3343/L343 | ORGANIC CHEMISTRY II W/LAB | 4 HOURS |
| CHM | 3381/L381 | PHYSICAL CHEMISTRY W/LAB | 4 HOURS |
| MTH | 1126 | CALCULUS II | 4 HOURS |
| MTH | 2210 | APPLIED STATISTICS | 3 HOURS |
| PHY | 2263/L263 | GENERAL PHYSICS II WITH CALCULUS W/LAB | 4 HOURS |
| PHY | 3310/L310 | MODERN PHYSICS W/LAB | 4 HOURS |
| PHY | 3359/L359 | WAVES & OPTICS W/LAB | 4 HOURS |
| PHY | 4420 | MECHANICS | 3 HOURS |

FREE ELECTIVES REQUIREMENT

(12 HOURS)

TAKE 12 SEMESTER HOURS OF FREE ELECTIVE CREDIT.

12 HOURS

NOTE: IT IS STRONGLY SUGGESTED THAT STUDENTS TAKE MTH 2227 (4) AND PHY 3320 (3) FOR 7 OF THESE HOURS TO MEET REQUIRED PRE-REQUISITES FOR REQUIRED COURSES.