

MY DEGREE MAP
COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN
CHEMISTRY MAJOR-PROGRAM YEAR 2020-21

| | TERM 1 | | TERM 2 | | TERM 3 | | TERM 4 | | TERM 5 | |
|--------------------------------------|--------------------------------|--------------------|-------------------|--------------|-------------------|-------------------|-------------------|-----------------------|--------------------|-------------------|
| | 1ST YEAR | MTH 1125 | 4 | CHM 1143/LAB | 3/1 | ENG 1101/03 | 3 | ENG 1102/04 | 3 | BIO 1100/LAB |
| CHM 1142/LAB | | 3/1 | MTH 1126 | 4 | CHM 3342/LAB | 3/1 | CHM 3343/LAB | 3/1 | | |
| TROY 1101 | | 1 | | | | | | | | |
| TOTAL | | 9 | TOTAL | 8 | TOTAL | 7 | TOTAL | 7 | TOTAL | 4 |
| | TERM 1 | | TERM 2 | | TERM 3 | | TERM 4 | | TERM 5 | |
| | 2ND YEAR | AREA II LIT COURSE | 3 | IS 2241 | 3 | PHY 2262/LAB | 3/1 | AREA II HUM/FA COURSE | 3 | APPROVED MAJ ELEC |
| AREA II FINE ARTS COURSE | | 3 | MINOR COURSE | 3 | AREA IV SS COURSE | 3 | PHY 2263/LAB | 3/1 | | |
| | | | | | | | | | | |
| TOTAL | | 6 | TOTAL | 6 | TOTAL | 7 | TOTAL | 7 | TOTAL | 4 |
| | TERM 1 | | TERM 2 | | TERM 3 | | TERM 4 | | TERM 5 | |
| | 3RD YEAR | CHM 3381/LAB | 3/1 | FREE ELEC | 2 | MINOR COURSE | 3 | MINOR COURSE | 3 | MINOR COURSE |
| MINOR COURSE | | 3 | CHM 3382 | 3 | CHM 4444/LAB | 3/1 | AREA IV SS COURSE | 3 | AREA IV HIS COURSE | 3 |
| | | | | | | | | | | |
| TOTAL | | 7 | TOTAL | 5 | TOTAL | 7 | TOTAL | 6 | TOTAL | 6 |
| | TERM 1 | | TERM 2 | | TERM 3 | | TERM 4 | | TERM 5 | |
| | 4TH YEAR | CHM 2242/LAB | 3/1 | CHM 4445/LAB | 3/1 | APPROVED MAJ ELEC | 2 | AREA II HUM/FA COURSE | 3 | |
| MINOR COURSE | | 3 | AREA IV SS COURSE | 3 | FREE ELEC | 3 | FREE ELEC | 2 | | |
| | | | | | | | | | | |
| TOTAL | | 7 | TOTAL | 7 | TOTAL | 5 | TOTAL | 5 | TOTAL | |
| SUBMIT GRADUATION APPLICATION | | | | | | | | | | |
| TOTAL PROGRAM 120 | | | | | | | | | | |

COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN CHEMISTRY MAJOR-PROGRAM YEAR 2020-21

COMPLETE ALL REQUIREMENTS (58 HOURS)

AREA I

TAKE THE FOLLOWING COURSES:

| | | |
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| 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

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| 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 |

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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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NOTE: A SEQUENCE IN LITERATURE OR HISTORY IS REQ WHEN SELECTING COURSEWORK IN AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT.

AREA III

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|--------------------------|------------------------------|-----------|
| 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

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| 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 |
| MTH 1126 | CALCULUS II | 4 HOURS |
| PHY 2262/L262 | GENERAL PHYSICS I WITH CALCULUS W/ LAB | 4 HOURS |
| PHY 2263/L263 | GENERAL PHYSICS II WITH CALCULUS W/ LAB | 4 HOURS |

**COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN
CHEMISTRY MAJOR-PROGRAM YEAR 2020-21**

CHEMISTRY MAJOR (37 HOURS)

TAKE THE FOLLOWING COURSES:

2.0 GPA REQUIRED

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|---------------|----------------------------------|-----------|
| CHM 1143/L143 | GENERAL CHEMISTRY II/LAB | 3/1 HOURS |
| CHM 2242/L242 | ANALYTICAL CHEMISTRY/LAB | 3/1 HOURS |
| CHM 3342/L342 | ORGANIC CHEMISTRY I/LAB | 3/1 HOURS |
| CHM 3343/L343 | ORGANIC CHEMISTRY II/LAB | 3/1 HOURS |
| CHM 3381/L381 | PHYSICAL CHEMISTRY I/LAB | 3/1 HOURS |
| CHM 3382 | PHYSICAL CHEMISTRY II | 3 HOURS |
| CHM 4444/L444 | ADVANCED INORGANIC CHEMISTRY/LAB | 3/1 HOURS |
| CHM 4445/L445 | INSTRUMENTAL ANALYSIS/LAB | 3/1 HOUR |

MAJOR ELECTIVE 6 HOURS

SELECT 6 ADDITIONAL HOURS OF CHEMISTRY COURSES FROM THE FOLLOWING:

CHM 3352/L352 (3/1), CHM L382 (1), CHM 4400 (3), CHM 4403 (3), CHM 4420/L420,
CHM 4452, CHM 4491/4492 (1-3), CHM 4493/4494 (1-3), CHM 4499 (1), OR STAT 2210 (3)

MINOR (18 HOURS)

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

FREE ELECTIVES (7 HOURS)

TAKE 7 HOURS OF FREE ELECTIVE COURSES.