

BA in Chemistry

Milligan College

Catalog Year
2017-2018

This document is designed as a guide for students planning their course selection and is only a suggested schedule. Actual course selections should be made with the advice and consent of the academic advisor. While accurately portraying the information contained in the College Catalog, this form is not considered a legal substitute for that document. Students should become familiar with the Catalog in effect at the time in which they enter Milligan.

| FALL SEMESTER 1 | | |
|-----------------|-----------------------------|-------------|
| COURSE | TITLE | CREDITS |
| BIBL 123 | Old Testament Survey | 3 |
| HUMN 101 | Ancient & Medieval Cultures | 4 |
| MLGN 100 | Intro to College & Service | 0.5 |
| CHEM 170 | General Chemistry I | 4 |
| | Social Learning GER | 3 |
| | | |
| | TOTAL CREDITS | 14.5 |

| SPRING SEMESTER 1 | | |
|-------------------|----------------------------------|-----------|
| COURSE | TITLE | CREDITS |
| BIBL 124 | New Testament Survey | 3 |
| HUMN 102 | Renaissance & Early Modern Cult. | 4 |
| COMP 111 | Rhetorical Composition | 3 |
| CHEM 171 | General Chemistry II | 4 |
| EXSC 101 | Fitness for Life | 1 |
| | | |
| | TOTAL CREDITS | 15 |

| FALL SEMESTER 2 | | |
|-----------------|----------------------------------|-----------|
| COURSE | TITLE | CREDITS |
| HUMN 201 | 18th & 19th Century Cultures | 4 |
| COMP 211 | Found. of Analytical Composition | 3 |
| CHEM 301 | Organic Chemistry I | 3 |
| MATH 211 | Calculus I | 4 |
| | Foreign Language | 3 |
| | | |
| | TOTAL CREDITS | 17 |

| SPRING SEMESTER 2 | | |
|-------------------|-----------------------------------|-------------|
| COURSE | TITLE | CREDITS |
| HUMN 202 | Cultures of 20th & 21st Century | 4 |
| MLGN 200 | Intro to Calling & Career | 0.5 |
| CHEM 302 | Organic Chemistry II | 5 |
| COMM 102 | Speech Communication ¹ | 3 |
| | Foreign Language | 3 |
| | | |
| | TOTAL CREDITS | 15.5 |

| FALL SEMESTER 3 | | |
|-----------------|-----------------------|-----------|
| COURSE | TITLE | CREDITS |
| CHEM 202 | Quantitative Analysis | 4 |
| PHYS 203 | General Physics I | 4 |
| | Foreign Language | 3 |
| | General Electives | 6 |
| | | |
| | | |
| | TOTAL CREDITS | 17 |

| SPRING SEMESTER 3 | | |
|-------------------|----------------------|-----------|
| COURSE | TITLE | CREDITS |
| CHEM | Chemistry Elective | 4 |
| PHYS 204 | General Physics II | 4 |
| | Foreign Language | 3 |
| | General Electives | 5 |
| | | |
| | | |
| | TOTAL CREDITS | 16 |

| FALL SEMESTER 4 | | |
|-----------------|----------------------|-----------|
| COURSE | TITLE | CREDITS |
| BIBL 471 | Christ & Culture | 3 |
| | General Electives | 14 |
| | | |
| | | |
| | TOTAL CREDITS | 17 |

| SPRING SEMESTER 4 | | |
|-------------------|------------------------------------|------------|
| COURSE | TITLE | CREDITS |
| | Ethnic Studies GER | 3 |
| | General Electives | 13 |
| | | |
| | | |
| | TOTAL CREDITS | 16 |
| | MINIMUM 128 NEEDED FOR GRAD | 128 |

¹ Students may choose COMM 103 Public Speaking (2 hr) if they have checked with their advisers to see if fits with their post-bacc plans
Depending on a student's post-bacc plans, other courses may be required for admission to graduate programs, so CONSULT with your adviser.

FALL Chemistry Electives:

CHEM 310 Biochemistry
CHEM 401 Physical Chemistry

Offered as needed:

CHEM 311 Organic Qualitative Analysis
CHEM 490 Research Problem
CHEM 491 Internship with Crown Labs (Quality Control & Quality Assurance)
CHEM 495 Seminar

SPRING Chemistry Electives:

CHEM 203 Instrumental Analysis
CHEM 402 Quantum Chemistry
Offered as needed:
CHEM 405 Advanced Inorganic Chemistry
CHEM 405L Advanced Inorganic Chemistry Lab