



Name: _____ Student ID #: _____ Date: _____

University Studies Requirements

Core Courses **completed within first 60 credits*

| Course | Credits | Grade | Planned to Take |
|--|---------|-------|-----------------|
| WRIT 102 College Writing II | 3 | _____ | _____ |
| WRIT 209 Business and Professional Writing | 3 | _____ | _____ |
| HHP 102 Wellness and a Positive Lifestyle | 3 | _____ | _____ |
| COMM 110 Intro to Speech Communications | 3 | _____ | _____ |
| MATH/CSCI | 3-4 | _____ | _____ |

Humanities

| Course | Course Title | Credits | Grade | Planned to Take |
|--|--------------|---------|-------|-----------------|
| History | _____ | 3 | _____ | _____ |
| Literature | _____ | 3 | _____ | _____ |
| World Language, Culture, & Philosophy | _____ | 3 | _____ | _____ |

Social Science (6 cr) *must include 2 different prefixes*

| Course | Course Title | Credits | Grade | Planned to Take |
|----------|--------------|---------|-------|-----------------|
| Course 1 | _____ | 3 | _____ | _____ |
| Course 2 | _____ | 3 | _____ | _____ |

Natural & Physical Sciences

| Course | Course Title | Credits | Grade | Planned to Take |
|---------------|--------------|---------|-------|-----------------|
| Environmental | _____ | 2 | _____ | _____ |
| Lab | _____ | 4 | _____ | _____ |

Fine & Applied Arts

| Course | Course Title | Credits | Grade | Planned to Take |
|--|--------------|---------|-------|-----------------|
| Art History, Criticism & Appreciation | _____ | 3 | _____ | _____ |
| Aesthetic Experience | _____ | 3 | _____ | _____ |

Global Awareness & Diversity **may be fulfilled through other University Studies categories*

| Course | Course Title | Credits | Grade | Planned to Take |
|------------------|--------------|---------|-------|-----------------|
| Global Awareness | _____ | 3 | _____ | _____ |
| Diversity | _____ | 3 | _____ | _____ |

Chemistry (comprehensive) Major Requirements

All grades in required courses for this major must be C or higher, except that two grades of C- may be counted toward the major. No minor is required.

54 total credits required to include:

Chemistry Core required courses (53 credits required):

| Course | Course Title | Credits | Grade | Planned to Take |
|----------|---|---------|-------|-----------------|
| CHEM 105 | General Chemistry I | 5 | | |
| CHEM 106 | General Chemistry II | 4 | | |
| CHEM 205 | Quant Analysis Lecture | 3 | | |
| CHEM 206 | Quant Analysis Laboratory | 2 | | |
| CHEM 320 | Organic Chemistry Lecture I | 3 | | |
| CHEM 321 | Organic Chemistry Lecture II | 3 | | |
| CHEM 322 | Organic Chemistry Lab I | 1 | | |
| CHEM 323 | Organic Chemistry Lab II | 1 | | |
| CHEM 327 | Molecular Spectroscopy I | 1 | | |
| CHEM 345 | Physical Chemistry Lect I | 4 | | |
| CHEM 347 | Physical Chemistry Lab I | 1 | | |
| CHEM 360 | Introduction to Biochemistry | 3 | | |
| CHEM 365 | Descriptive Inorganic Chemistry | 3 | | |
| CHEM 481 | Special Topics | 1-6 | | |
| OR | | | | |
| CHEM 491 | Senior Research | 1-4 | | |
| OR | | | | |
| CHEM 496 | Senior Paper | 1 | | |
| CHEM 497 | Senior Seminar in Chemistry | 1 | | |
| MATH 240 | Calculus and Analytic Geometry I | 4 | | |
| MATH 241 | Calculus and Analytic Geometry II | 4 | | |
| PHYS 201 | Calculus-Based Physics I | 4 | | |
| PHYS 202 | Calculus-Based Physics II | 5 | | |
| MATH 242 | Calculus and Analytic Geometry III (<i>recommended</i>) | 4 | | |

Note: *PHYS 107 & PHYS 205 together substitute for PHYS 201. PHYS 108 and PHYS 206 together substitute for PHYS 202. Special department permission required to enroll in PHYS 205 or PHYS 206.*

Capstone courses (1 credit required):

| | | | | |
|----------|------------------|-----|--|--|
| CHEM 491 | Special Research | 1-4 | | |
| CHEM 496 | Senior Paper | 1 | | |
| CHEM 498 | Internship | 1-4 | | |

Professional Chemistry Option:

This option is recommended for students considering graduate school in chemistry or employment as a professional chemist. In addition to the required courses listed above students must also complete:

| Course | Course Title | Credits | Grade | Planned to Take |
|----------|-------------------------------|---------|-------|-----------------|
| CHEM 346 | Physical Chemistry Lecture II | 3 | | |
| CHEM 348 | Physical Chemistry Lab II | 2 | | |
| CHEM 375 | Instrumental Analysis Lecture | 3 | | |
| CHEM 376 | Instrumental Analysis Lab | 2 | | |