

SUGGESTED FOUR-YEAR PLAN OF STUDY FOR THE CHEMISTRY MAJOR B.S. with Management Option

FRESHMAN YEAR

| <i>Fall Semester (16 SH)</i> | | | SH | <i>Spring Semester (16 SH)</i> | | | SH |
|------------------------------|-------|----------------------------------|----|--------------------------------|-------|-----------------------------------|----|
| CHM | 1310G | General Chemistry I | 3 | CHM | 1410 | General Chemistry II | 3 |
| CHM | 1315G | General Chemistry Laboratory I | 1 | CHM | 1415 | General Chemistry Laboratory II | 1 |
| ENG | 1001G | Composition and Language | 3 | ENG | 1002G | Composition and Literature | 3 |
| * PHY | 1351G | General Physics I | 3 | * PHY | 1361 | General Physics II | 3 |
| * PHY | 1352G | General Physics I Laboratory | 1 | * PHY | 1362 | General Physics II Laboratory | 1 |
| MAT | 1441G | Calculus and Analytic Geometry I | 5 | MAT | 2442 | Calculus and Analytic Geometry II | 5 |

SOPHOMORE YEAR

| <i>Fall Semester (17 SH)</i> | | | SH | <i>Spring Semester (16 SH)</i> | | | SH |
|------------------------------|-------|-----------------------------------|----|--|-------|---------------------------------|----|
| CHM | 2440 | Organic Chemistry I | 3 | * CHM | 2310 | Inorganic Chemistry I | 3 |
| CHM | 2445 | Organic Chemistry Laboratory I | 1 | CHM | 2840 | Organic Chemistry II | 3 |
| CHM | 2730 | Quantitative Analysis | 3 | CHM | 2845 | Organic Chemistry Laboratory II | 1 |
| * CHM | 3500 | Introduction to Chemical Research | 1 | BUS | 2101 | Financial Accounting | 3 |
| CMN | 1310G | Intro to Speech Communication | 3 | ECN | 2802G | Principles of Microeconomics | 3 |
| ECN | 2801G | Principles of Macroeconomics | 3 | General Education Electives ^c | | | 3 |
| BUS | 1950 | Comp. Concepts & Applic. Bus. | 3 | | | | |

JUNIOR YEAR

| <i>Fall Semester (15 SH)</i> | | | SH | <i>Spring Semester (13-16 SH)</i> | | | SH |
|--|------|------------------------------------|----|--|------|--------------------------------------|-----|
| CHM | 3000 | Chemistry Seminar I | 0 | CHM | 3001 | Chemistry Seminar II | 1 |
| * CHM | 3780 | Instrumental Analysis | 3 | BUS | 3010 | Management & Organizational Behavior | 3 |
| * CHM | 3910 | Chemical Thermodynamics & Kinetics | 3 | BUS | 2810 | Business Statistics | 3 |
| BUS | 2102 | Managerial Accounting | 3 | Electives ^b | | | 0-3 |
| BUS | 2750 | Legal and Soc. Environ. Business | 3 | General Education Electives ^c | | | 6 |
| General Education Electives ^c | | | 3 | | | | |

SENIOR YEAR

| <i>Fall Semester (15-18 SH)</i> | | | SH | <i>Spring Semester (12 - 17 SH)</i> | | | SH |
|--|-------------------|--------------------------------|-----|-------------------------------------|------|-----------------------------|-----|
| BUS | 3100 ^a | Survey of Marketing Principles | 3 | Electives ^b | | | 0-3 |
| BUS | 3470 ^a | Principles of Marketing | | General Education Electives | | | 3-6 |
| BUS | 3710 | Business Financial Management | 3 | BUS | 3500 | Management of Info. Systems | 3 |
| EIU | 40xxG | Senior Seminar | 3 | BUS | 3950 | Operations Management | 3 |
| CHM | 3300 | Survey of Biochemistry | 3 | | | | |
| General Education Electives ^c | | | 3-6 | | | | |
| Electives ^b | | | 0-3 | | | | |

* Offered only during the term listed

Minimum Hours Required for Graduation: 120

(must include 40 SH of course work numbered ≥ 3000, which requires careful planning. as described above, totals to 32 credits so need 8 sh as additional elective or gen ed needed)

^a BUS 3100 or BUS 3470 required

^b Electives:

→ 3 SH of CHM electives must be included. The following may not be used as electives: CHM 1040G, 3100, 3200, and 4001.