

A TYPICAL SCHEDULE OF COURSES FOR B.A. DEGREE

Following this schedule will allow the well prepared student to meet the minimum requirements for graduation. Many variations are possible. In planning a schedule, bear in mind that CHEM:3110, CHEM:3120, CHEM:2230, CHEM:2240, CHEM:3250, CHEM:2420, CHEM:3430, CHEM:3440, CHEM:3530, and CHEM:4270 are offered only once a year in the semester indicated. A maximum of 56 s.h. in chemistry courses (with course numbers preceded by CHEM or 004) are allowed to count towards the 120 s.h. needed for graduation.

FIRST YEAR

Fall Semester	s.h.	Spring Semester	s.h.
Principles of Chemistry I CHEM:1110	4	Principles of Chemistry II CHEM:1120	4
Elem. Functions MATH:1020 <u>or</u> Math for Bio. MATH:1440 ^a	4	Calculus for Bio.Sci. MATH:1460 ^b <u>or</u> Calculus I MATH:1850	4
Rhetoric	4	Foundations of Biology BIOL:1411	4
GE	3	GE	3

SECOND YEAR

Fall Semester	s.h.	Spring Semester	s.h.
Organic Chemistry I for Majors CHEM:2230	3	Organic Chemistry II for Majors CHEM:2240	3
Fundamentals of Chemical Measurements CHEM:2021	3	Organic Laboratory CHEM:2420	3
Bio Form & Func. BIOL:1412	4	Biostatistics STAT:3510 ^b <u>or</u> Statistical Methods and Computing STAT:2010 <u>or</u> Calculus II MATH:1860	3/4
GE	3	GE	3
Literature	3	Historical Perspective	3

THIRD YEAR

Fall Semester	s.h.	Spring Semester	s.h.
Analytical Chemistry I CHEM:3110 <u>or</u> Analytical Chemistry II 3120 ^c	3	Inorganic Chemistry CHEM:3250	3
Physics I PHYS:1511	4	Physics II PHYS:1512	4
Biochemistry BIOC:3110 ^d	3	Social Science	3
World Language	3	World Language	3
Global Issues	3	GE or electives	3

FOURTH YEAR

Fall Semester	s.h.	Spring Semester	s.h.
Principles of Physical Chemistry CHEM:4430	3	Synthesis and Measurement Laboratory CHEM:4450	3
Adv. Chem. Elective	3	Adv. Chem. Elective	3
GE	3	GE	3
Lit, Vis. & Perf. Arts	3	World Language	3
World Language	3	Values, Society, and Diversity	3

^(a) If needed.

^(b) Preferred.

^(c) CHEM:3110 is currently offered in the Fall and CHEM:3120 is offered in the Spring. Either course will satisfy the requirement for the B.A. but CHEM:3120 is preferred.

^(d) One semester of biochemistry is required by the UI College of Medicine and can count toward its advanced biology requirement. The two-semester Biochemistry sequence (BIOC:3120/3130) is also an option for well-prepared students.