

Chemistry - Applied Health Sciences

Degree Type
B.A.

Objective: To prepare students for admission to pharmacy programs and careers in pharmacy.

Students must apply for admission to this track. See the Chemistry Department Chair for more information.

Because this program is demanding and accelerated, students are required to maintain a GPA of 3.3 at the end of each academic year.

Satisfactory performance on departmental assessment exams given in the final semester is also required.

Item #	Title	Semester Hours
	Chemistry - Core Courses	17
	Courses taken at a recognized school of pharmacy in consultations with the Department of Chemistry	13
CHEM 450	Senior Seminar	1
	CHEM 221, 230, 312, 313, 320, 330, 350, 422, 430X, or 433.	9-12
MATH 151	Calculus I	4
PHYS 201	General Physics I	4

Courses Required for Admission to a School of Pharmacy

Item #	Title	Semester Hours
	One 200-Level English Course	3
BIOL 201	Organismal Biology	4
BIOL 332	Micro & Immunology	4
STAT 161	Introduction to Statistics	4
	Total Credits	51-54

Chemistry - Core Courses

Elective Credits 17

Item #	Title	Semester Hours
CHEM 111	General Chemistry I	4
CHEM 111L	General Chemistry Lab	0
CHEM 112	General Chemistry II	4
CHEM 112L	General Chemistry II Lab	0
CHEM 211	Organic Chemistry I	4
CHEM 212	Organic Chemistry II	4
CHEM 351	Junior Seminar	1

Courses taken at a recognized school of pharmacy in consultations with the Department of Chemistry

Elective Credits 13

CHEM 221, 230, 312, 313, 320, 330, 350, 422, 430X, or 433.

Elective Credits 9-12

Choose Three Courses

Item #	Title	Semester Hours
CHEM 221	Analytical Chemistry	4
CHEM 312	Physical Chemistry I	3
CHEM 313	Physical Chemistry II	3
CHEM 320	Materials Science	3
CHEM 350	Special Topics	4
CHEM 422	Instrumental Analysis	3
CHEM 430X	Biochemistry	4
CHEM 433	Advanced Organic Chemistry	3

One 200-Level English Course

Elective Credits 3

Item #	Title	Semester Hours
ENGL 200	Reading & Writing About Literature	3
ENGL 231	Introduction to Poetry	3
ENGL 232	Introduction to Short Fiction	3
ENGL 233	Introduction to Drama	3