COLLEGE OF HEALTH AND SCIENCES
CHEMISTRY DEGREE PLAN
2026-2027

FIRST YEAR- FRESHMAN (30 HRS)

Fall Semester

MATH	1513	College Algebra*
CHEM	1114	General Chemistry I*
ENG	1113	Freshman Composition I*
HIST	24-3	United States History Survey*
UNIV	1001	Tiger Connect*

14 TOTAL HOURS

Spring Semester

MATH	1713	Trigonometry
CHEM	1214	General Chemistry II
ENG	1213	Freshmen Composition II*
PS	1113	United States Government*

General Education or Elective (3 hours)*

16 TOTAL HOURS

SECOND YEAR-SOPHOMORE (32-34 HRS)

Fall Semester

CHEM	3114	Organic Chemistry I
MATH	2825	Calculus and Analytic Geometry I
PHYS	1114	General Physics I
		OR
PHYS	2115	Engineering Physics I

Computer Proficiency Requirement

16-17 TOTAL HOURS

Spring Semester

CHEM	4114	Organic Chemistry II
MATH	3025	Calculus and Analytic Geometry II
PHYS	1214	General Physics II
		OR
PHYS	2225	Engineering Physics II

General Education or Elective (3 hours)*

16-17 TOTAL HOURS

THIRD YEAR - JUNIOR (29-HRS)

Fall Semester

CHEM	4514	Physical Chemistry I^
CHEM	3214	Quantitative Analysis I
BIOL	1114	General Biology

General Education or Elective (3 hours)*

15 TOTAL HOURS

Spring Semester

CHEM	4413	Advanced Inorganic Chemistry^^^
CHEM	---1	Required Chemistry Elective (CHEM 4421^^^ recommended)

General Education or Elective (10 hours)

14 TOTAL HOURS

FOURTH YEAR - SENIOR (30-HRS)

Fall Semester

CHEM	4213	Biochemistry
CHEM	---1	Required Chemistry Elective (CHEM 4221 recommended- offered every Fall)

General Education or Elective (11 hours)*

15 TOTAL HOURS

Spring Semester

CHEM	---1	Required Chemistry Elective (CHEM 4614, 4981-4, 4991-4)^^^^
CHEM	3484	Instrumental Analysis^^

General Education or Elective (10 hours)*

15 TOTAL HOURS

Legend:

** General Education Requirements*
^ Offered Fall Semester of Even Year
^^ Offered Spring Semester of Even Years
^^^ Offered Spring Semester of Odd Years
^^^^ Offered TBA