COLLEGE OF HEALTH AND SCIENCES
CHEMISTRY-TEACHER CERTIFICATION
DEGREE PLAN
2026-2027

FIRST YEAR- FRESHMAN (34-36 HRS)

Fall Semester

UNIV	1001	Tiger Connect*
ENG	1113	Freshman Composition I*
COMM	1113	Fundamentals of Human Communication*
MATH	1513	College Algebra*
		OR
MATH	2825	Calculus and Analytic Geometry I
PSYCH	1113	General Psychology*
BIOL	1114	General Biology*

17-19 TOTAL HOURS

Spring Semester

ENG	1213	Freshmen Composition II*
HIST	24-3	United States History Survey*
GEOG	1214	Earth Science

General Education or Elective (3 hours)*

CHEM	1114	General Chemistry I*

17 TOTAL HOURS

SECOND YEAR-SOPHOMORE (35-HRS)

Fall Semester

PS	1113	United States Government*
EDUC	**2012**	**Foundations of Education**
EDUC	**2211**	**Field Experience I**
EDUC	**2631**	**Foundations of Ed Tech**
PHYS	1114	General Physics I

Foreign Language course (3 hours)

CHEM	1214	General Chemistry II

18 TOTAL HOURS

Spring Semester

BIOL	1314	General Zoology
EDUC	2402	Survey of Exceptional Children
PHYS	1214	General Physics II

General Education or Elective (3 hours)*

CHEM	3114	Organic Chemistry I

17 TOTAL HOURS

THIRD YEAR - JUNIOR (30-HRS)

Fall Semester

BIOL	2184	Human Anatomy

General Education or Elective (3 hours)*

EDPSY	**3513**	**Educational Psychology**
EDUC	**3001**	**Field Experience II**
CHEM	4114	Organic Chemistry II

15 TOTAL HOURS

Spring Semester

PSYCH	3463	Child and Adolescent Psychology
BIOL	3634	Human Physiology
PHYS	1314	Astronomy

CHEM ---4 Required Chemistry Electives (4 hours)
(CHEM 4514^ or 4413^^ and 4421^^ recommended)

15 TOTAL HOURS

FOURTH YEAR - SENIOR (27-HRS)

Fall Semester

CHEM ---3 Required Chemistry Elective (3 hours)
(CHEM 4213 recommended)
EDUC 4611 Field Experience III
EDUC 4052 Effective Teaching in Secondary Educ
EDUC 4632 Ed Tech Integration Strategies
B/C/P 4113 Methods Teach Biological/Physical Sciences
CHEM 3214 Quantitative Analysis I

15 TOTAL HOURS

Spring Semester

EDUC 4262 Student Teaching Seminar I
EDUC 4282 Student Teaching Seminar II
EDUC 4974 Student Teaching
EDUC 4974 Student Teaching

12 TOTAL HOURS

Legend:

** General Education Requirements*
^ Offered Fall Semester of Even Year
^^ Offered Spring Semester of Even Years
Take bolded classes together. Students need to plan semester schedules in advance in order to take required electives in the semester offered - junior or senior years