UNCP Department of Chemistry and Physics
Requirements for a Bachelor of Science in Chemistry - General
(120 total credit hours)

Freshman Seminar (1 credit hour)

General Education (44 credit hours)*

CORE SCIENCE COURSES – 55(53) total credit hours

Chemistry - 30 credit hours

Course Number	Course Title	Credit Hours	Course Number	Course Title	Credit Hours
CHM 1100	General Chemistry I Lab	1	CHM 2500	Organic Chemistry I	3
CHM 1110	General Chemistry II Lab	1	CHM 2520	Organic Chemistry I Lab	1
CHM 1300	General Chemistry I	3	CHM 2510	Organic Chemistry II	3
CHM 1310	General Chemistry II	3	CHM 2530	Organic Chemistry II Lab	1
CHM 2260	Inorganic Chemistry	4	CHM 3980	Chemical Literature (WD)	2
CHM 2270	Analytical Chemistry	4	CHM 4100	Physical Chemistry (WE)	4

Mathematics – 14(12) credit hours

Course Number	Course Title	Credit Hours
MAT 1070 and MAT 1080 (or MAT 1090)	College Algebra and Plane Trigonometry OR Precalculus	6 OR 4
MAT 2210	Calculus I	4
MAT 2220	Calculus II	4

Biology – 3 credit hours

Course Number	Course Title	Credit Hours
BIO 1000	Biology	3

Physics* - 8 credit hours

Course Number	Course Title	Credit Hours
PHY 1500	College Physics I	3
PHY 1510	College Physics II	3
PHY 1560	College Physics I Lab	1
PHY 1570	College Physics II Lab	1

Physics* - OR PHY 2000, 2010, 2060, and 2070

GENERAL TRACK (CHM) – 32 (34) credit hours

Advanced Chemistry – 4 credit hours

Course Number	Course Number	Course Number
CHM 4270	Instrumental Analysis (WD)	4

Other Requirements – 28 (30) credit hours

Electives (any area) 28 (30)

Elective Course Number	Course Title	Credit Hours

- Twelve hours of General Education courses are listed separately above as specific core requirements.
- Writing in Discipline (WD) Writing Enriched (WE)
- TWO ICC DESIGNATED COURSES ARE REQUIRED (one course for transfer students with more than 60 hours).
  NOTE: ICC courses applies only for the students beginning Fall 2022.