

**College of Applied Studies
Bachelor of Arts Degree – Chemistry
2023**

1st Year

Fall Semester

ENGL 101 College English I	3
COMM 111 Public Speaking	3
CHEM 211/w lab – Gen Chem 1	5
MATH 111 College Algebra	3
GEN ED FYS First Year Seminar ¹	3
	17

Spring Semester

ENGL 102 College English II	3
MATH 123 College Trig.	3
CHEM 212/w lab – Gen Chem 2	5
STAT 370 Elem. Statistics	3
GEOL 300 Energy, Resources/Env.	3
	17

Summer

Optional

Hours 34

2nd Year

Fall Semester

CHEM 531 Organic Chem I	5
PHYS 213 Gen. College Phys I	5
CESP 334 Intro/Div. Hum. Growth*	3
PSY 111 General Psychology	3
	16

Spring Semester

BIOL 210 - Gen. Biol I	4
CHEM 532 Organic Chem II	5
CI 270 Intro to Ed Prof.*	3
GEN ED Fine Arts	3
	15

Summer

Optional

Hours 31

3rd Year

Fall Semester

CI 320 Intro/Div. Exceptionalities*	2
CI 321 Intro/Div. Cult. Issues*	2
CI 325 ISAM Mid/Sec. Gen Meth*	2
CI 315 Core I Practicum*	1
CHEM 523 Analytic Chem	4
ENG/LING 315 Intro to EngL Ling	3
	14

Spring Semester

CI 403 Learning & Ed. Assessment*2	
CI 425S ML/Sec. Meth I Science*	2
CI 426S Core II Practicum Science*	1
CHEM 524 Instr.Meth. Chem Anal.	4
CHEM 661 Principles of Bio. Chem	3
Open Electives	3
	15

Summer

Optional

Hours 29

4th Year

Fall Semester

CI 413S Tch Internship I Science*	3
CI 435S ML/Sec Meth II Science*	3
CI 417 ISAM Literacy Strat. Cont.*	2
CI 780S Tech. in Class. Science*	2
CI 505 Sci/Tech & Society*	1
CI 427 Phil, Hist, Ethics of Ed*	3
	14

Spring Semester

CI 436S ML/Sec Meth III Science*	2
CI 475 Teaching Intern II: Science*	10
CAS 501 Teacher Licensure Cap.	0
	12

Summer

Optional

Hours 26

Total Hours: 120

* Professional Education Courses: B- or better required

¹ All incoming freshman are required to take one First-Year Seminar as part of their General Education program.