

CHEMISTRY

CODE: S161 (400501-01)

Bachelor of Science

Freshman Year	Credit	Sophomore Year	Credit
CHEM 107	3	CHEM 221.....	3
CHEM 108	3	CHEM 222.....	2
CHEM 115	2	CHEM 231.....	3
ENGL 101	3	CHEM 233.....	1
ENGL 102	3	CHEM 251.....	3
MATH 109 ¹	3	CHEM 252.....	2
MATH 110 ¹	3	MATH 250	
Elective ^{4,5}	3	or	
Elective (ARTS)*.....	3	MATH 270.....	3-4
Elective (AHBS) ⁴	3	PHYS ²	3-4
Elective (HIST).....	3	Elective (BIOL SCI).....	3
	<u>32</u>	Electives(BHSC).....	3
		Electives ^{4,5}	<u>5</u>
			31-33
Junior Year	Credit	Senior Year	Credit
CHEM 232	3	Elective ^{4,5}	15
CHEM 234	2	Elective (BHSC) ^{4,6}	3
CHEM 270	1	Elective (LIT) ⁴	3
CHEM ³	3	Elective (LIT, PHIL, HIST, HUMN) ⁴	3
PHYS 215	1	Elective ⁴	3
PHYS 216	1	Elective.....	<u>4</u>
PHYS ²	3-4		31
Elective (CMCN) ⁴	3		
Elective (CHEM) ⁴	3		
Elective (CMPS) ⁴	3		
Elective ^{4,5}	<u>7</u>		
	30-31		

*Must be chosen from DANC, MUS, THEA, or VIAR.

¹MATH 109 and 110 can be replaced by electives if the entering ACT mathematics score is high enough.²Students who intend to attend graduate school in chemistry, or to be certified by the Committee on Professional Training of the American Chemical Society (ACS) must take PHYS 201 and 202. Other students can choose PHYS 207 and 208.³Students who intend to attend graduate school in chemistry, or to be certified by the Committee on Professional Training of the American Chemical Society (ACS) must take CHEM 301, CHEM 302 and CHEM 401. Other students can choose another advanced chemistry course in the fall and CHEM 303 in the spring.⁴A minimum of 45 hrs of 300 and 400 level courses must be taken. BHSC electives must be from ANTH, ECON, GEOG, POLS, PSYC, or SOCI.⁵In order to be certified by the ACS, a student must take CHEM 311, 312, 317, 430, 451, 452, three (3) hrs. of other 300 and 400 level CHEM courses, and MATH 301 and 302.⁶The BHSC elective must be at the 200 or higher level.