

**CHEMISTRY (B.S.) MAJOR CHECK-LIST
BIOCHEMISTRY CONCENTRATION
2012-13 CATALOG**

MAJOR REQUIREMENTS

68 credits in chemistry and allied courses

Required courses:

CHEM 102 _____ 4, CHEM 102L _____ 2	CHEM 331* _____ 4, CHEM 331L _____ 2
-or-	
CHEM 105 _____ 4, CHEM 105L _____ 2	CHEM 332 _____ 4, CHEM 332L _____ 2
CHEM 214 _____ 4, CHEM 214L _____ 2	CHEM 351 _____ 4, CHEM 351L _____ 2
CHEM 221 _____ 4, CHEM 221L _____ 2	CHEM 352 _____ 4
CHEM 222 _____ 4, CHEM 222L _____ 2	CHEM 480 _____ 4
CHEM 241 _____ 4, CHEM 241L _____ 2	

Allied courses:

Two from BIOL 220/220L, BIOL 236/236L, BIOL 312/312L, BIOL 314/314L, BIOL 322/322L, BIOL 332/332L
 _____ 4, lab _____ 2 _____ 4, lab _____ 2

Notes: Statistics and computer science recommended. Short term senior year should be in chemistry, biochemistry or closely related field. Students must write and defend a thesis and present it at the Hollins University Science Seminar or at another meeting sponsored by a professional society in chemistry.

*Calculus and calculus-based physics are prerequisites for physical chemistry.

GENERAL EDUCATION REQUIREMENTS

SKILLS COMPONENTS	PERSPECTIVES
Expository Writing _____ Addl Writing _____	Aesthetic Analysis _____ 4
Basic QR _____ Applied QR _____	Creative Expression _____ 4
Oral Communication _____	Premodern Worlds _____ 4
Info Technology _____ Appl Research _____	Modern and/or Contemporary Worlds _____ 4
SHORT TERMS	Scientific Inquiry _____ 4-6
1) _____ 2) _____ 3) _____ 4) _____	Social and Cultural Diversity _____ 4
PHYSICAL EDUCATION	Global Systems _____ 4
1) _____ 2) _____	Language Requirement _____ 0-8

FREE ELECTIVE COURSES

(credits required may vary depending on major(s) and Gen Ed courses completed)

_____ 4	_____ 4	_____ 4	_____ 4	_____ 4	_____ 4	_____ 4	_____ 4
_____ 4	_____ 4	_____ 4	_____ 4	_____ 4	_____ 4	_____ 4	_____ 4

Total credits required for graduation = 140 semester credits plus 4 short terms (16 short term credits)

Student's Name _____ Advisor _____