

**CHEMISTRY (B.A.) MAJOR CHECK-LIST
2013-14 CATALOG**

MAJOR REQUIREMENTS

52 credits in chemistry courses

Required courses:

| | |
|-------------------------------------|--------------------------------------|
| CHEM 102 _____ 4, CHEM 102L _____ 2 | CHEM 241 _____ 4, CHEM 241L _____ 2 |
| -or- | |
| CHEM 105 _____ 4, CHEM 105L _____ 2 | CHEM 244 _____ 4, CHEM 244L _____ 2 |
| CHEM 214 _____ 4, CHEM 214L _____ 2 | CHEM 331* _____ 4, CHEM 331L _____ 2 |
| CHEM 221 _____ 4, CHEM 221L _____ 2 | CHEM 332 _____ 4, CHEM 332L _____ 2 |
| CHEM 222 _____ 4, CHEM 222L _____ 2 | CHEM 480 _____ 4 |

Notes: Short term senior year should be in chemistry, biochemistry or closely related field.
 Students must write and defend a report or thesis and present it at the Hollins University Science Seminar or at another meeting sponsored by a professional society in chemistry.
 Statistics and computer science recommended.
 *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 |
| Applied Research _____ | Modern and/or Contemporary Worlds _____ 4 |
| | Scientific Inquiry _____ 4-6 |
| | Social and Cultural Diversity _____ 4 |
| | Global Systems _____ 4 |
| | Language Requirement _____ 0-8 |

SHORT TERMS

1) _____ 2) _____ 3) _____ 4) _____

PHYSICAL EDUCATION

1) _____ 2) _____

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 = 128 semester credits plus 4 short terms (16 short term credits)

Student's Name _____ Advisor _____