### Chemistry - B.S. Degree Checklist

#### General Chemistry
- □ CH 221 or 224H
- □ CH 222 or 225H
- □ CH 223 or 226H

#### Organic Chemistry
- □ CH 341
- □ CH 337
- □ CH 342
- □ CH 348
- □ CH 343
- □ CH 349

#### Math
- □ MATH 251
- □ MATH 281
- □ MATH 253

#### Physics
- □ PHYS 201 or 251
- □ PHYS 202 or 252
- □ PHYS 203 or 253

#### Physical Chemistry
- □ CH 411
- □ CH 412
- □ CH 413

#### Instrumental Analysis
- □ CH 429

#### Advanced Electives (one of the three options below)
- □ Nine credits of research (CH 401)
- □ One approved upper-division course + six credits of research (CH 401)
- □ Three approved upper-division courses

#### Approved Advanced Electives:
- ERTH 471, 472, 473
- PHYS 411, 412, 413, 414, 415

See the University Catalog for course descriptions and prerequisites (catalog.uoregon.edu). Pay careful attention to prerequisites when choosing advanced electives.

Other courses may be submitted for consideration and approval by the department. If you have credit for one of the courses listed above and it does not show up properly on your degree guide, please contact the Chemistry departmental advisor (koscho@uoregon.edu) to have your degree guide corrected.

### Important Prerequisites:
- CH 221/227: CH 111 or chemistry placement; Math 111
- CH 222/228: CH 221/227, Math 112
- Math 251: Math 112 or math placement
- Organic Chemistry: CH 223/229 (or equivalent)
- Physics: Math 112
- Physical Chemistry: Math 253 and PHYS 203 or 253
- Instrumental Analysis: CH 417

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1 All courses required for the Chemistry major must be graded and passed with a C- or better
2 CH 331, 335, 336 may be substituted for CH 341, 342, 343
University Core Education requirements can be met by completing the requirements listed below or through the Clark Honors College. If you are in the Clark Honors College, please meet with the Honors College advisor.

**University Requirements**

Core Education
- □ WR 121  □ WR 122 or 123
- □ Cultural Literacy - two courses  □ US  □ GP

Areas of Inquiry
- □ Arts & Letters Group (15 cr.)
- □ Social Science Group (15 cr.)

□ 180 credits
□ 62 upper division credits
□ UO Residency Requirement (After completing 120 cr., at least 45 cr. must be at the UO)
□ 168 ABCDP* credits (ABCDP* = graded or P if the course is taught P/N only)
□ 45 ABCD credits at UO (ABCD = graded credits)

**Recommended Courses:**

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