Western Oregon UNIVERSITY

Academic Degree Program
2012-13

**Major in:** **Chemistry:**
Environmental Chemistry Option

**Advisor Signature:**

**Student Name:**

**Student Signature:**

**Student ID:**

**Date:**

| Major 74 hours, 36 UD | Hrs | Has | Lacks |
|---|---|---|---|
| BI 211 Principles of Biology I | 5 | | |
| BI 212 Principles of Biology II | 5 | | |
| BI 213 Principles of Biology III | 5 | | |
| CH 221 General Chemistry I | 5 | | |
| CH 222 General Chemistry II | 5 | | |
| CH 223 General Chemistry III | 5 | | |
| CH 312 Quantitative Analysis | 4 | | |
| CH 313 Instrumental Analysis | 4 | | |
| CH 334 Organic Chemistry I | 3 | | |
| CH 335 Organic Chemistry II | 3 | | |
| CH 336 Organic Chemistry III | 3 | | |
| CH 337 Organic Chemistry Lab I | 1 | | |
| CH 338 Organic Chemistry Lab II | 2 | | |
| CH 340 Elementary Physical Chemistry | 4 | | |
| CH 350 Chemical Literature | 1 | | |
| Ch 407 Seminar | 1 | | |
| CH 412 Inorganic Chemistry of Environment | 4 | | |
| CH 461 Experimental Chemistry | 2 | | |
| CH 462 Experimental Chemistry | 2 | | |
| CH 450 Biochemistry | 3 | | |
| MTH 243 Intro to Probability & Statistics | 4 | | |

| Program notes & Additional Degree Requirements | | | |
|---|---|---|---|
| The B.A. requires MTH 252, CS 121 or 161 and completion of the third term of the second year of a modern language. | | | |
| B.S. requires a combined 12 credit hours of course work in mathematics and computer science including MTH 252 and CS 121 or 161. | | | |
| For this major the six hours of writing intensive course work should come from CH 350, CH 407, CH 461 and CH 462 | | | |
| The sequence PH 201, 202, 203 or PH 211, 212, 213 is to be completed as the LACC science requirement. | | | |
| GEOG 105 is to be taken as part of the Social Science component of the LACC. | | | |
| This major requires completion of the Environmental Science minor. | | | |
| **Minimum degree requirements of at least:** | | | |
| 180 or more total credit hours | | | |
| 62 Upper Division credit hours | | | |
| 45 of last 60 credits earned at WOU campus | | | |
| **BA Degree Requirements** | | | |
| CS 101 or higher | | | |
| Math 105 or higher | | | |
| Writing Intensive: | | | |
| Foreign Language: | | | |
| **BS Degree Requirements** | | | |
| CS121 or higher | | | |
| Math 111 or higher | | | |
| CS/Math/Stats: | | | |
| Diversity: | | | |
| Writing Intensive: | | | |