

## Bachelor of Science Degree Program in Environmental Science

(Revised August 23, 2011)

### Freshman Year

Fall Semester	Spring Semester
ENGL 1311 Composition I	ENGL 1312 Composition II
CHEM 1301 Chemical Principles I	CHEM 1302 Chemical Principles II
	CHEM 1203L General Chemistry Lab
MATH 1311 Precalculus	ENSC 1410 Environmental Science
COMP 1301 Computer Literacy*	MATH 2312 Calculus I
SPAN 1311 Elementary Spanish I, or language other than English	SPAN 1312 Elementary Spanish II, or language other than English

\*or successfully test for computer literacy competence

Total hours Freshman year - 33

### Sophomore Year

Fall Semester	Spring Semester
GEOL 1401 Physical Geology*	ENGL 2310 World Literature Studies
PHYS 2305 Physics I***	PHYS 2306 Physics II***
PHYS 2105 Physics I Lab***	PHYS 2106 Physics II Lab***
BIOL 1401 Diversity of Life & Lab**	BIOL 1402 Unity of Life & Lab
HIST 1311 World Civilization	DWHP 1200 Dimensions of Wellness
	PEHP Physical Education Activity (1 Hr)

\*or choose GEOL 1420 or METR 1430

\*\*or BIOL1403 Evolution, Ecology & Biodiversity

\*\*\*or PHYS 1301/1101 and PHYS 1302/1102 and take either MATH 2312 or Math 2303

Total hours Sophomore year - 29 hours

### Junior Year

Fall Semester	Spring Semester
BIOL 3471 General Microbiology and Lab	BIOL 3442 Ecology and Lab
PHIL 1381 Introduction to Philosophy	METR 4315 Air Pollution Meteorology
METR 3340 Hydrology	Fine Arts (3 hrs)
RELS 1310 Introduction to Theology*	Social Science (3 hrs)**
Elective (3 hrs)	BIOL/CHEM/GEOL/METR Advanced Elective (3 hrs)

\*or other approved selections

\*\*choose from approved list of courses

Total hours Junior year - 32 hours

### Senior Year

Fall Semester	Spring Semester
ENSC 4460 Research in Water Quality*	BIOL/CHEM/GEOL/METR Advanced Elective (3 hrs)
BIOL/CHEM/GEOL/METR Advanced Elective (3 hrs)	Philosophy or Religious Studies (3 hrs)
BIOL/CHEM/GEOL/METR Advanced Elective (3 hrs)	GEOL 3450 Environmental Geology
ENSC 4315 Environmental Science Research	ENSC 3410 Research in Soil Conservation

\*capstone course

Total hours senior year - 27 hours

**Total hours in degree program - 121 hours**

Plus 45 hours of community service (non-credit)

On occasion, Special Topics in Geology GEOL 4371 and Selected Topics in Geology GEOL 4399 may be offered for junior-level or senior-level Environmental Science majors. Independent Study courses in Geology GEOL 4X98 are subject to eligibility requirements as described in the current UIW Undergraduate Bulletin.