### Environmental Science

#### First Year

1. GEOL 105 (C-PN) or GEOL 107 (C-PN)
2. BIOL 120 (1st semester)
3. BIOL 121 (2nd semester)  
   Prereq – BIOL 120
4. CHEM 105 (1st semester) (C-PN)  
   Prereq – one year of HS Chemistry, Math placement above MATH 102
5. CHEM 107 (2nd semester)  
   Prereq – CHEM 105 or instructor’s consent
6. THRS 117 (C-TF)
7. PHIL 120 (C-PF)
8. MATH 124 (C-QR) or MATH 131 (C-QR)  
   Prereq – 4 yrs college prep math in HS or MATH 115

#### Second Year

1. BIOL 228 (1st semester)  
   Prereq – BIOL 121
2. ENVS 300 (C-PN)
3. ENVS Major Elective
4. Core Curriculum
5. Core Curriculum
6. Core Curriculum
7. Elective/Minor
8. Elective/Minor

#### Third Year

1. GEOL 225 (1st semester)  
   Prereq – GEOL 105
2. BIOL 338  
   Prereq – BIOL 228
3. ENVS 310  
   Prereq – CHEM 107
4. BUAD 284 or SSCI 224 (C-QR)  
   Prereq – for 284 – MATH 124 or 131; for 224 – HS Algebra or MATH 102
5. CHEM 220 (1st semester)  
   Prereq – CHEM 107
6. Core Curriculum
7. Core Curriculum – Advanced Requirement
8. Elective/Minor

#### Fourth Year

1. ENVS Major Elective
2. BIOL Elective (201, 350, 355, 380, 390, 489)
3. ENVS Major Elective
4. Core Curriculum – Advanced Requirement
5. Core Curriculum – Advanced Requirement
6. Elective/Minor
7. Elective/Minor
8. Elective/Minor

Elective/Minor courses can be used to take additional core curriculum courses, major courses, free electives, or to fulfill a minor.

This paradigm assumes that you will meet the second language competency by taking a language at the 102 level. If you need to start at 101, then one of the electives will be used for that course.
Required Courses:

- □ BIOL 120 – General Biology 1
- □ BIOL 121 – General Biology 2
- □ BIOL 228 – Ecology
- □ BIOL 338 – Limnology
- □ CHEM 105 – General Chemistry 1
- □ CHEM 107 – General Chemistry 2
- □ CHEM 220 – Organic Chemistry 1
- □ ENVS 300 – Environmental Science
- □ ENVS 310 – Environmental Chemistry
- □ 1 of BIOL 201, 350, 355, 380, 390, 489
- □ GEOL 105 – Geology – OR – GEOL 107 – Environmental Geology
- □ GEOL 225 - Hydrogeology
- □ MATH 124 – Survey of Calculus – OR – MATH 131 – Calculus and Analytic Geometry I
- □ Elective __________________________
- □ Elective __________________________
- □ Elective __________________________

Note – Electives must be courses numbered 200 or above and are upon approval of the Environmental Science discipline. Students typically select additional coursework in the biological, physical, and earth sciences. Students may also select a research option upon approval of a faculty member in the discipline (ENVS 428, BIOL 428, GEOL 428).

The following courses meet the ENVS major and Core Curriculum requirements:
CHEM 105 – C-PN   GEOL 105 – C-PN   GEOL 107 – C-PN
ENVS 300 – C-PN/C-AD
MATH 124/131 – C-QR   SSCI 224 – C-QR
Core Curriculum (2014-2016)

Foundations – to be taken during a student’s first year

☐ TF – Theological Foundations

THRS 117, Other ____________________

☐ PF – Philosophical Foundations

PHIL 120, Other ____________________

Required by the end of the second year

☐ WI – Writing Intensive – Writing intensive courses may be drawn from any of the Foundations courses or from any of the General Core Requirements courses at the 100 or 200 level.

Any course designated C-WI (course, section, semester)__________________, ENGL 101, ENGL 150, ENGL 221, FREN 305, GERM 304, HONR 100, HUMA 100, , Other ______________

☐ QR - Quantitative Reasoning

CSCI 110, CSCI 150, MATH 123, MATH 124, MATH 131, MATH 132, MATH 212, MATH 220, SSCI 224, Other ______________

Required by the end of the third year

☐ SL – Language Competency – SNC courses - French, German, Hebrew, Japanese, Latin, Greek, Spanish at the 102 level. Requirement can be met by placement testing at the 203 level or beyond, transferring in an approved course at the 102 level or beyond, or successfully taking a course at the 102 level.

FREN 102, GERM 102, GREK 112, HEBR 102, JAPN 102, CLAS (Latin) 102, CLAS (Greek) 112, LATN 102, SPAN 102, SPAN 103, Other (Transfer) ____________________.

Or Placement Score > 349 (indicate score) ______________
General Core Requirements – can be taken any time,
Advanced Requirements – to be taken during a Junior or Senior year – three courses, any General Core Requirement courses at the 300 or 400 level

☐ BB – Beyond Borders
ENGL 228, FREN 252, GEOG 140, HIST 118, HIST 120, HIST 122, HIST 130, HUMA 280, INTL/POLI 150, PHIL/THRS 265, SSCI 129, Other

Advanced - CLAS 335, COME 343, ECON 357, ENGL 356, FREN 375, GEOG 363, GERM 376, JAPN 375, NSCI 310, NSCI 348, PEAC/POLI 352, POLI 362, POLI 368, POLI 410, SPAN 365, SPAN 370, SPAN 375, THRS 339, THRS 340, THRS 343, Other

☐ CI - Catholic Imagination
ENGL 240, HUMA 215, THRS 201, THRS 219, Other

Advanced - CLAS/THRS 327, HUMA 337, PEAC/THRS/WMGS 318, PEAC/THRS 333, THRS 310, THRS 312, THRS 314, THRS 316, THRS 320, THRS 322, THRS 325, THRS 338, THRS 350, THRS 355, THRS 360, THRS 361, THRS 433, Other

☐ DD – Difference and Diversity
AMER/HIST 114, AMER/HIST 115, AMER/THRS 221, AMER/HUMA 261, ENGL 221, GEOG 155, GEOG 225, HUMA/WMGS 110, POLI 232, Other

Advanced - AMER/MUSI 318, COME 330, HIST 368, HUMA 301, HUMA 422, SOCI/WMGS 346, SSCI 408, Other

☐ EI – Expression and Interpretation
ART 141, ART 144, ART 145, ART 205, ENGL 150, ENGL 203, HUMA 100, MUSI 150, MUSI 176, THEA 101, THEA 102, THEA 237, WOLT 210, Other

Advanced - CLAS/PHIL 334, FREN 305, GERM 304, GERM 305, HUMA 313, MUSI/PHIL 336, SPAN 301, SPAN 302, Other

☐ IS – Individual and Society
AMER/POLI 130, BUAD 180, ECON 101, ECON 102, EDUC 130, LEAD 200, PSYC 100, SOCI 100, Other

Advanced - CSCI 310, POLI 310, Other

☐ PN – Physical and Natural World
BIOL 105, BIOL 106, BIOL 108, CHEM 100, CHEM 105, EDUC/GEOL 287, GEOG 120, GEOL 105, GEOL 107, GEOL 109, GEOL 115, PHYS 100, PHYS 111, PHYS 121, PHYS 141, Other

Advanced - ENVS 300, NSCI 358, SSCI 301, Other

☐ WT – Western Tradition
AMER/MUSI 184, ART 110, ART 112, ART 115, BIOL 107, ENGL 212, HIST 112, HIST 113, HUMA 240, PHIL 250/THRS 255, Other

Advanced - AMER/PHIL 305, CLAS/WOLT 325, COME/POLI 329, ECON 300, ENGL 321, ENGL 385, FREN 328, GERM 375, HIST 345, HIST 350, HIST 370, HUMA 403, HUMA 411, HUMA 422, MUSI 315, PHIL 310, PHIL 330, SOCI 352, THEA 337, WOLT 320, Other