

# Western Connecticut State University Degree Works

|                       |  |                      |                              |                            |           |
|-----------------------|--|----------------------|------------------------------|----------------------------|-----------|
| <b>Student</b>        |  | <b>College</b>       |                              | <b>Hold</b>                |           |
| <b>ID</b>             |  | <b>School</b>        |                              | <b>Athletics</b>           |           |
| <b>Classification</b> |  | <b>Degree</b>        | BA Earth & Planetary Science | <b>Housing Status</b>      |           |
| <b>Advisor</b>        |  | <b>Major</b>         |                              | <b>Full-Time/Part-Time</b> |           |
| <b>Overall GPA</b>    |  | <b>Concentration</b> |                              | <b>Catalog Term</b>        | FALL 2017 |
|                       |  | <b>Minor</b>         |                              | <b>FERPA Indicator</b>     |           |

## Legend

|  |  |                     |
|--|--|---------------------|
| <input checked="" type="checkbox"/> Complete | <input type="checkbox"/> Complete except for classes in-progress | (TR) Transfer Class |
| <input type="checkbox"/> Not Complete        | <input type="checkbox"/> See Advisor - Nearly Complete           | @ Any course number |
| IP In-Progress Course                        |  |                     |

### BA in Earth & Planetary Sciences Overview - 120 Cr

**Unmet conditions for this set of requirements:** 120 credits are required.

- Minimum credits at WCSU A minimum of 30 credits must be taken at WCSU.
- A minimum cumulative GPA of 2.0 is required When your first term is graded, your cumulative GPA will be calculated. If your cumulative GPA falls below 2.0 it is important to see an advisor to make plans for raising your GPA.
- Foreign Language Requirement See **Foreign Language Requirement** section
- General Education Competency Requirements See **General Education Competency Requirements** section
- General Education Course Requirements See **General Education Course Req. Including Cognates** section
- Major Requirements See **Major in Earth and Planetary Sciences** section
- General Electives See **General Electives Earth & Planetary Sciences** section

### Foreign Language Requirement

- Foreign Language Requirement Complete a foreign language at an elementary II level or above. Students who have completed three years of language in high school with at least a 'C' average have satisfied this requirement. Consult your advisor.

### General Education Competency Requirements

**Unmet conditions for this set of requirements:** Students must complete each of the competencies listed below. In addition, students must complete 3 of the competencies a second time excluding First Year (FY) and WRT 101 (WI).

- General Education Competencies**
- Creative Process (CP) 1 to 2 Classes
- Critical Thinking (CT) 1 to 2 Classes

|                          |                               |                |
|--------------------------|-------------------------------|----------------|
| <input type="checkbox"/> | Oral Communication (OC)       | 1 to 2 Classes |
| <input type="checkbox"/> | Health and Wellness (HW)      | 1 to 2 Classes |
| <input type="checkbox"/> | Scientific Inquiry (SI)       | 1 to 2 Classes |
| <input type="checkbox"/> | Intercultural Competence (IC) | 1 to 2 Classes |
| <input type="checkbox"/> | Information Literacy (IL)     | 1 to 2 Classes |
| <input type="checkbox"/> | First Year Experience (FY)    | 1 Class        |
| <input type="checkbox"/> | Culminating Experience (CE)   | 1 to 2 Classes |
| <input type="checkbox"/> | Writing Course (WRT 101)      | WRT 101        |
| <input type="checkbox"/> | Writing Intensive II (W2)     | 1 to 2 Classes |
| <input type="checkbox"/> | Writing Intensive III (W3)    | 1 to 2 Classes |
| <input type="checkbox"/> | Quantitative Reasoning (QR)   | 1 to 2 Classes |

**General Education Course Requirements Including Cognates**

**Unmet conditions for this set of requirements:** 40 credits are required.

|                          |                         |         |
|--------------------------|-------------------------|---------|
| <input type="checkbox"/> | WRITING COURSE (3 S.H.) | WRT 101 |
|--------------------------|-------------------------|---------|

**EARTH & PLANETARY SCIENCE COGNATE REQUIREMENTS (12-15 S.H.)**

|                          |  |                                 |
|--------------------------|--|---------------------------------|
| <input type="checkbox"/> | MAT 181 <i>or</i> MAT 170 and MAT 171    | Choose from 1 of the following: |
| <input type="checkbox"/> | Calculus I                               | MAT 181 <i>or</i>               |
| <input type="checkbox"/> | Calculus with pre-calculus               | MAT 170 and 171                 |
| <input type="checkbox"/> | Gen. Chemistry I                         | CHE 110                         |
| <input type="checkbox"/> | Gen. Chemistry II                        | CHE 111                         |
| <input type="checkbox"/> | 22 - 28 CREDITS IN CLASSES OUTSIDE MAJOR |                                 |

**Major in Earth and Planetary Sciences**

**Unmet conditions for this set of requirements:** 58-59 credits are required.

|                          |                         |  |
|--------------------------|-------------------------|--|
| <input type="checkbox"/> | Minimum 2.0 major GPA   |  |
| <input type="checkbox"/> | Minimum credits at WCSU | A minimum of 29 credits must be taken at WCSU. |
| <input type="checkbox"/> | Physical Geology        | ES 110   |
| <input type="checkbox"/> | General Astronomy       | AST 150  |
| <input type="checkbox"/> | Meteorology             | MTR 150  |
| <input type="checkbox"/> | General Physics I       | PHY 110  |
| <input type="checkbox"/> | General Physics II      | PHY 111  |
| <input type="checkbox"/> | Calculus II             | MAT 182  |

|                          |  |                      |
|--------------------------|--|----------------------|
| <input type="checkbox"/> | Introduction to Programming or Visual Basic  | <b>CS 140 or 143</b> |
| <input type="checkbox"/> | Introduction to Physical Oceanography  | <b>ES 210</b>        |
| <input type="checkbox"/> | Introduction to Planetary Sciences   | <b>AST 231</b>       |
| <input type="checkbox"/> | Practicum in Earth & Planetary Science Research  | <b>EPS 331</b>       |
| <input type="checkbox"/> | Planetary Physics  | <b>AST 405</b>       |
| <input type="checkbox"/> | Senior Research in Earth & Planetary Sciences  | <b>EPS 450</b>       |
| <input type="checkbox"/> | 12 credits from the following (EPS 220 may be taken twice):<br><b>ENV/PHY 136; CS 170; CS 205 or higher; EPS 220; MAT 282; MTR 440; EPS 490</b><br><i>(CS 166 or CS 200 may be taken with approval from department chair.)</i> |                      |

**General Electives Earth & Planetary Sciences**

21 to 22 Credits of General Electives

**Notes:**