

## Forestry Major

Only Available on the Pullman Campus



**School of the Environment  
B.S. in Earth & Environmental  
Sciences Advising Sheet • Fall – 2018**

Student Name \_\_\_\_\_

ID# \_\_\_\_\_

Email \_\_\_\_\_

Advisor: \_\_\_\_\_

Academic Coordinators: 509-335-6166 or 509-335-8538; Webster 1227 and 1229

### BASIC REQUIREMENTS:

**45 Credit minimum required (no more than three, three-credit courses within the major)**

First Year Experience (3 credits)	Cr	Term	Offered
Roots of Contemporary Issues (HISTORY 105)	3		F,S,SS
Foundational Competencies (10 cr min.)			
<i>Written Communication</i>			
ENGLISH 101: Intro Writing [WRTG]	3		F,S,SS
<i>Communication</i>			
HD 205 [COMM] or COM 102 [COMM]	3-4		F,S,SS
<i>Quantitative Reasoning</i>			
STAT 212 [QUAN] or MATH 140 [QUAN]	4		F,S,SS
Ways of Knowing (20 credits min.)			
<i>Inquiry in the Social Sciences (3)</i>			
ECONS 101 [SSCI]	3		F,S,SS
<i>Inquiry in the Humanities (3)</i>			
Elective [HUM]	3		F,S,SS
<i>Additional Inquiry (3)</i>			
Elective [HUM, ARTS or SSCI]	3		F, S, SS
<i>Inquiry in Creative and Professional Arts (3)</i>			
Elective [ARTS]	3		F, S, SS
<i>Inquiry in the Natural Sciences (7 min.)</i>			
BIOLOGY 106 Intro to Organismal [BSCI]	4		F,S, SS
CHEM 101 Intro to Chem [PSCI] <span style="float: right;">OR</span>	4		F,S, SS
CHEM 105 Principles of Chem I [PSCI]			
Integrative & Applied Learn –Included in EES Core			
Global Diversity			
SOE 312 [DIVR]	0		S
Capstone			
SOE 454 [M][CAPS]	0		F
Other Required Courses (12 cr.)			
MATH 106 College Algebra	3		F,S,SS
MATH 108 Trigonometry	2		F,S,SS
BIOLOGY 107 Cell Biology & Genetics	4		F,S,SS
SOIL SCI 201 Soil: A Living System [BSCI]	3		F,S,SS

Writing in the major requirement: 1) \_\_\_\_\_ 2) \_\_\_\_\_

Writing Portfolio/Writing Exam  Yes  No

2-years of high school foreign language ( \_\_\_\_\_ ) Yes \_\_\_\_\_  
or at least 2-semesters at college level (required to graduate) Yes \_\_\_\_\_

**Note:** To certify in the major you must have at least 24 credits and a 2.0 cum GPA.

### CHECKLIST:

Basic Requirements (45 Cr.)

EES Common Core (19-23 Cr.)

Forestry Core (42 Cr.)

Professional Electives (10 Cr.)

TOTAL (at last 120 credits with 40 in upper division courses)

### EARTH & ENVIRONMENTAL SCIENCE COMMON CORE REQUIREMENTS: (19-23 Cr.)

Advanced Writing	Cr	Term	Offered
Writing in the Major <sup>2</sup>	-		F,S
Earth Systems			
SOE 210 Earth's History & Evolution	4		F,S
Water Science			
SOE 460 Watershed Management <span style="float: right;">OR</span>	3		S
SOE 315 Water and the Earth <sup>1</sup>	3		S
Ecology			
SOE 300 Natural Resources Ecology <span style="float: right;">OR</span>	3		F
BIOLOGY 372 General Ecology [M]	4		F,S, SS
Society & Environment			
SOE 312 Nat Res & Society [DIVR]	3		S
Spatial Analysis			
SOIL SCI 368 Intro to GIS	3		F
Integrated Capstone (UCORE Requirement)			
SOE 454 [M] [CAPS] Restoration Ecology	3		F
Experiential			
135 hours of advisor approved work experience	0		F,S,SS
<b>OR</b>			
SOE 495 Undergraduate Internship <span style="float: right;">OR</span>	3		F,S,SS
SOE 499 Special Problems	3		F, S, SS

*F = Fall; S = Spring; SS = Summer Session;  
FAYO = Fall Alt. Yr. Odd; FAYE = Fall Alt. Yr. Even;  
SAYO = Spring Alt. Yr. Odd; SAYE = Spring Alt. Yr. Even*

<sup>1</sup>SOE 315 requires SOE 101 or 102

<sup>2</sup>Writing in the Major courses completed as part of WECS major – SOE 454, 446 or 450, and 464.



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### *COURSES with Prerequisites*

**BIOL 107:** CHEM 101,102,105,106 *or concurrent enrollment*

**BIOL 372:** BIOL 106 and CHEM 102 or 105 (SOE 300 – has no prereq)

**CHEM 101:** Aleks score of 45% *or placement/concurrent enrollment into MATH 105, 106, 107, 108, 140, 171, 172.*

**CHEM 105:** MATH 106 or c// or ALEKS score 70% or higher or MATH 107, 108, 140, 171, 172...

**BIOL 372 (F/S/SS)** BIOL 106 and CHEM 102 or 105  
Or **SOE 300 (F/S)** No prereq's

**SOE 204 (F)** MATH 106/108 or 108 c// if 106 taken, or 140, 171

**SOE 310 (F)** BIOL 106 and

**SOE 301 (F)** 107 SOE 300 or

**SOE 302 (S)** c// SOE 301

**SOE 430 (FAYE)** SOE 301

**SOE 435 (F)** BIOL 372 or SOE 300 and STAT 212 or 412

**SOE 438 (S)** Junior standing or permission of instructor. Recommended SOE 312

**SOE 441 (S)** SOE 300 or BIOL 372 and STAT 212 or 412

**SOE 450 (S)** Junior standing

**SOE 454 (F)** Senior standing

**SOE 455 (F)** BIOL 107

**SOE 460 (S)** Recommended SOE 204 or sufficient background in spreadsheets

**SOE 464 (S)** Junior standing and recommended Soils

**STAT 412 (F/S)** 368 STAT 212, MATH 140 or 171

- S = Spring; F = Fall, SS = Summer
  - c// = concurrent

SOE 495, or another 135 hours as approved by advisor.

<sup>7</sup> Taking SOE 446 [M] or an approved SOE 419, Special Topics with GIS components, are remaining courses that would satisfy the Geospatial minor study. If a student takes SOE 419 instead of SOE 446 [M], they would need to complete SOE 450 [M] to satisfy the [M] course requirement.

<sup>8</sup> Forestry major students are required to complete the additional Forestry Core experiential milestone of at least 135 hours. This milestone requirement is designed to give students a wider variety of hands-on experience that is valuable to the profession and a successful career after graduation.