Academic Advisement Report
UGRD.UAGSC.ENVSBSES.WRM
Undergraduate Career
College of Ag & Life Sciences Program
Environmental Sciences Major (BSES)
Water Resource Management Option
Requirement Term: Fall 2011

Undergraduate Graduation Requirements
All course work and requirements for this degree must be completed prior to the date the degree is awarded. The University of Arizona requirements to follow in this audit are required for graduation and awarding of the degree.

Curriculum:
1. The University of Arizona and the Arizona Board of Regents have sole discretion over all curricula changes.
2. Courses, programs & requirements may be suspended, deleted, restricted, or changed in any manner, at any time.
3. Students must remain currently informed about all policies & other info that bears on completing a degree.

Required Units:
Additional units will be required to complete this degree if a student:
A) is admitted to the UA with deficiencies;
B) changes his/her academic plan(s);
C) fails to meet minimum course/plan requirements;
D) ineffectively plans or fails to execute a course of study that leads directly to degree completion; or
E) is completing more than one baccalaureate degree.

The following requirements must be met for graduation.

Units Required and Cumulative GPA
120 units are required at a 2.0 GPA. View the pdf report grid for units earned toward this degree and cumulative GPA.

Completing a second bachelor's degree at The University of Arizona requires no fewer than 30 units in addition to the units required for the first degree, and all requirements for the second degree must be met.

Upper Division Units
Not Satisfied: A minimum of 42 units of upper-division credit are required for this degree.

- Units: 42.00 required, 0.00 completed, 42.00 needed

Units in Residence
Not Satisfied: A minimum of 30 units in residence at The University of Arizona (excluding correspondence credit and credit by exam) is required.

- Units: 30.00 required, 0.00 completed, 30.00 needed

Final Units in Residence
Not Satisfied: A minimum of 18 of the final 30 units taken toward degree requirements must be in residence at The University of Arizona.

- Units: 18.00 required, 0.00 completed, 18.00 needed

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Correspondence and/or Exam Credit Limit

**Satisfied:** A maximum of 60 units of Correspondence Credit and/or Exam Credit may apply toward graduation.

Non Degree Seeking Limit

A maximum of 15 units completed as a non-degree seeking student may be used for fulfilling undergraduate degree requirements.

Units exceeding this limit must be subtracted from the units required towards the degree and graduation requirements.

Community College Limit

**Not Satisfied:** A maximum of 64 units of community college course work may apply toward graduation. A minimum of 56 units of course work must be completed at a 4-year institution, military institution, or as test credit.

- **Units:** 56.00 required, 0.00 completed, 56.00 needed

Success Course Limit

**Satisfied:** No more than 3 units will apply toward a student's graduation requirements.

Success Course units exceeding the 3 unit maximum must be subtracted from the total units, residency requirements and cumulative grade point average.

Foundation Mathematics

**Not Satisfied:** Foundation Mathematics

GE Substantial Math Strand

**Not Satisfied:** GE Substantial Math Strand

GE Substantial Math Strand

**Not Satisfied:** Complete 1 course from MATH 124, 125, 129, 223 TO 499.


- **Units:** 2.67 required, 0.00 completed, 2.67 needed
Courses Available

MATH 124, MATH 125, MATH 125-CC, MATH 129, MATH 129-CC, MATH 215, MATH 223, MATH 223-CC, MATH 250A, MATH 254, MATH 254-CC

Undergraduate General Education and Foundation Requirements

Overall Requirement Not Satisfied: Undergraduate General Education and Foundation Requirements

Foundation Composition

Not Satisfied: Complete 1 of the 2 following options:
1. First and Second Semester Composition OR
2. Honors Composition

Mid-Career Writing Assessment - Complete 2nd semester English Composition with a B grade or higher. Students who do not earn a grade of B or better in 2nd semester English Composition must also satisfy a college or department writing requirement. Consult your major advisor if you do not earn a grade of B in 2nd semester English Composition.

Option 1: First Semester Composition

Not Satisfied: Complete 1 course.

- Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available

ENGL 101, ENGL 103H, ENGL 107

AND Option 1: Second Semester Composition

Not Satisfied: AND Complete 1 course

- Courses: 1.00 required, 0.00 completed, 1.00 needed

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Option 2: Honors Composition

Not Satisfied: OR Complete 1 course with a C or better.

- Courses: 1.00 required, 0.00 completed, 1.00 needed
Courses Available

ENGL 109H

Foundation Second Language - Second Semester Proficiency

Not Satisfied: Credit will not be given for a course at an equivalent or lower level than prior language credit earned. Course must be taken for a grade, not as pass/fail. Third semester or higher courses used to fulfill this requirement may also be used to fulfill other requirements.

Demonstrate second semester proficiency in a second language by completing a second semester or higher language course or by passing a language proficiency examination at the second semester level or higher.

Second Semester Language Course

Not Satisfied: Complete 1 course.


- Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available


General Education Tier I

Overall Requirement Not Satisfied: Complete 2 courses in each of the following areas.

Tier I Individuals & Societies

Not Satisfied: Fulfillment of Individuals and Societies requires completion of two distinctly numbered courses (e.g., INDV 101 & 103 or PSY 150A1 & ANTH 150B1 or PSY 150A1 & INDV 103).

Only one course may be completed from the 150A options OR INDV 101. Only one course may be completed from the 150B options OR INDV 102. Only one course may be completed from the 150C options OR INDV 103.

INDV 101 = 150A#
INDV 102 = 150B#
INDV 103 = 150C#

- Courses: 2.00 required, 0.00 completed, 2.00 needed

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Courses Available

Tier I Traditions & Cultures

Not Satisfied: Fulfillment of Traditions and Cultures requires completion of two distinctly numbered courses (e.g., TRAD 102 & 104 or AFAS 160A2 & RSSS 160C1 or TRAD 101 & RSSS 160C1).

Only one course may be completed from the 160A options OR TRAD 101. Only one course may be completed from the 160B options OR TRAD 102. Only one course may be completed from the 160C options OR TRAD 103. Only one course may be completed from the 160D options OR TRAD 104.

TRAD 101 = 160A#
TRAD 102 = 160B#
TRAD 103 = 160C#
TRAD 104 = 160D#

- Courses: 2.00 required, 0.00 completed, 2.00 needed

Courses Available

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General Education Tier II

Overall Requirement Not Satisfied: Complete 1 course from each of the following areas.

Tier II Arts

Not Satisfied: Complete 3 units.

- Units: 3.00 required, 0.00 completed, 3.00 needed
Courses Available


Tier II Humanities

Not Satisfied: Prerequisite course work in Tier 1 Traditions and Cultures (TRAD) must be completed prior to taking. If LAT 201 or 202 are used to fulfill Foundation Second Language Proficiency, they cannot be used to fulfill Tier II Humanities.

Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available


Tier II Individual & Societies

Not Satisfied: Prerequisite course work in Tier 1 Individuals and Societies (INDV) must be completed prior to taking.

Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available


Diversity Emphasis Course

Not Satisfied: One course must be taken that focuses on Gender, Race, Class, Ethnicity, Sexual Orientation or Non-Western Area
Studies.
Courses used to fulfill this requirement may also be used to fulfill other requirements.

Diversity Emphasis Course

*Not Satisfied:* General Education Diversity Emphasis Course: Gender, Race, Class, Ethnicity, Sexual Orientation or Non-Western Area Studies.

INDV 101 will only fulfill this area if topic taken is "Race, Ethnicity, and the American Dream".

- **Courses:** 1.00 required, 0.00 completed, 1.00 needed

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Courses Available


Additional Coursework

Courses listed in this section may include general elective credits, UA courses and transferable courses from other institutions. Consult with your advisor to determine if courses listed in this section may be used to fulfill a requirement or sub-requirement in your degree program.

Courses taken for Pass/Fail option can only count as elective credit. They cannot fulfill any General Education, Major, or Minor requirements.

BSES in Environmental Sciences

Overall Requirement Not Satisfied: Bachelor of Science in Environmental Sciences

General Sciences Core

Overall Requirement Not Satisfied: General Sciences Core
1. **General Science Core Chemistry**

   **Not Satisfied:** Complete 8 units

   - **Units:** 8.00 required, 0.00 completed, 8.00 needed

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   **Courses Available**


2. **General Science Core Chemistry**

   **Not Satisfied:** Complete 4 units

   - **Units:** 4.00 required, 0.00 completed, 4.00 needed

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   **Courses Available**

   CHEM 241A, CHEM 243A, (***) (###)

3. **General Science Core Math**

   **Not Satisfied:** Complete 3 units

   - **Units:** 3.00 required, 0.00 completed, 3.00 needed

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   **Courses Available**

   MATH 124, MATH 125, MATH 125-CC

4. **General Science Core Statistics**

   **Not Satisfied:** Complete 3 units

   - **Units:** 3.00 required, 0.00 completed, 3.00 needed

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Courses Available
ECON 276, MATH 263, MATH 263-CC, MATH 363, MGMT 276, PSY 230, PSY 230-CC

5. General Science Core Biology
   Not Satisfied: Complete 7 units
   · Units: 7.00 required, 0.00 completed, 7.00 needed

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Courses Available

6. General Science Core Microbiology
   Not Satisfied: Complete 3 units
   · Units: 3.00 required, 0.00 completed, 3.00 needed

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Courses Available
MIC 205A

7. General Science Core Physics
   Not Satisfied: Complete 4 units
   · Units: 4.00 required, 0.00 completed, 4.00 needed

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Courses Available
PHYS 131, PHYS 131-CC

Environmental Science Core
Overall Requirement Not Satisfied: Environmental Science Core

1. Environmental Science Core/Ecology
   Not Satisfied: Complete 3 units.
   · Units: 3.00 required, 0.00 completed, 3.00 needed
### Courses Available

ECOL 302, ECOL 474, ECOL 475, MIC 425, RNR 316, SWES 425, SWES 474, SWES 475, WFSC 474, WFSC 475

2. **Environmental Science Core/Geology**
   - **Not Satisfied:** Complete 4 units.
   - **Units:** 4.00 required, 0.00 completed, 4.00 needed

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GEOS 251

3. **Environmental Science Core/Physics**
   - **Not Satisfied:** Complete 3 units.
   - **Units:** 3.00 required, 0.00 completed, 3.00 needed

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ATMO 336, SWES 420

4. **Environmental Science Core/Hydrlogy**
   - **Not Satisfied:** Complete 3 units
   - **Units:** 3.00 required, 0.00 completed, 3.00 needed

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HWRS 250, HWRS 460, WSM 460

5. **Environmental Science Core/Soils**
   - **Not Satisfied:** Complete 4 units
   - **Units:** 4.00 required, 0.00 completed, 4.00 needed

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### Courses Available

**6. Environmental Science Core/Water**  
*(R3317/L60)*

**Not Satisfied:** Complete 3 units  

- **Units:** 3.00 required, 0.00 completed, 3.00 needed

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### Courses Available

**7. Environmental Science Core/Pollution**  
*(R3317/L70)*

**Not Satisfied:** Complete 3 units.  

- **Units:** 3.00 required, 0.00 completed, 3.00 needed

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### Courses Available

**8. Environmental Science Core/Health Risk Assessment**  
*(R3317/L80)*

**Not Satisfied:** Complete 3 units.  

- **Units:** 3.00 required, 0.00 completed, 3.00 needed

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### Career Preparation Courses

**Career Preparation/Environmental Science**  
*(R3318/L10)*

**Not Satisfied:** Complete 3 units.  

- **Units:** 3.00 required, 0.00 completed, 3.00 needed
Courses Available

SWES 210

2. Career Preparation/Technical Writing

Not Satisfied: Complete 3 units.

- Units: 3.00 required, 0.00 completed, 3.00 needed

Courses Available

ENGL 308, SWES 408, SWES 415

3. Career Preparation/Capstone

Not Satisfied: Complete 4 units.

- Units: 4.00 required, 0.00 completed, 4.00 needed

Courses Available

SWES 430L, SWES 430R

Not Satisfied: Complete 3 units.

- Units: 3.00 required, 0.00 completed, 3.00 needed

Courses Available

SWES 461

Water Resource Management Focus

Overall Requirement Not Satisfied: Water Resource Management Focus

Water Resource Mgmt Focus

Overall Requirement Not Satisfied: Water Resource Mgmt Focus
This focal area concentrates on water management and water-related courses to understand water quantity and quality issues associated with land use and climate change.

**Water Resource Management Prerequisites**

*Not Satisfied:* Complete 3 courses.

- **Courses:** 3.00 required, 0.00 completed, 3.00 needed

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**Courses Available**

CE 214, CE 218, MATH 129, MATH 129-CC

1. **Water Resource Management Required Courses**

*Not Satisfied:* Complete 6 units.

- **Units:** 6.00 required, 0.00 completed, 6.00 needed

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**Courses Available**

CE 423, GEOS 431, HWRS 423, HWRS 431

2. **Water Resource Management Required Courses**

*Not Satisfied:* Complete 6 units.

- **Units:** 6.00 required, 0.00 completed, 6.00 needed

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**Courses Available**

HWRS 413A, SWES 470, WSM 468

**Water Resource Management Optional Courses**

*Not Satisfied:* Water Resource Management Requ

- **Units:** 6.00 required, 0.00 completed, 6.00 needed

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Courses Available

ABE 426, ABE 427, ABE 467, AREC 476, CE 426, CE 427, CE 449, ECOL 441, ECOL 452, ECOL 454, ECOL 478, GEOG 403, GEOG 415, GEOG 417, GEOG 478, GEOS 478, GEOS 480, HWR 415, HWR 427, HWR 449, HWR 452, HWR 467, HWR 476, HWR 478, HWR 480, HWR 481, HWR 482, PA 481, POL 481, RNR 403, RNR 417, RNR 452, RNR 476, RNR 478, RNR 481, SWES 417, SWES 444, SWES 454, SWES 461, SWES 471, WFSC 441, WFSC 454, WFSC 471, WSM 426, WSM 444, WSM 452, WSM 467

Environmental Science Major Graduation Requirements

Overall Requirement Not Satisfied: Environmental Science Major Graduation Requirements

Mid Career Assessment

Not Satisfied: Complete 2nd semester English Composition with a B grade or higher. Students who do not earn a grade of B or higher in 2nd semester English Composition must also satisfy a college or department writing requirement. Consult your major advisor if you do not earn a grade of B or higher in 2nd semester English Composition.

- Courses: 1.00 required, 0.00 completed, 1.00 needed

Major GPA

Satisfied: A minimum 2.0 GPA is required in the major coursework.

- Units: 0.00 completed
- GPA: 2.000 required, 0.000 completed

Major Upper Division

Not Satisfied: A minimum of 18 units of upper-division major coursework must be completed.

- Units: 18.00 required, 0.00 completed, 18.00 needed

Major Residency

Not Satisfied: A minimum of 18 units in the pre-major, supporting coursework, professional core, and/or major must be taken at the University of Arizona.

- Units: 18.00 required, 0.00 completed, 18.00 needed
Minor Optional

Satisfied: A minor is optional for this major. Consult with your advisor to select a minor or discuss other options such as selecting a second major.