



**2+2 Degree Plan**  
**Associate of Science in Environmental Science**  
**BS in Environmental Science (Planning & Administration)**



**Arkansas State University – Beebe<sup>1</sup>**  
**Associate of Science in Environmental Science<sup>2</sup>**

| Possible Prerequisites |      |  | Semester | Hours | Grade |
|------------------------|------|--|----------|-------|-------|
| UNIV                   | 1003 | Principles of Academic Success (required if registering for a remedial course) |          | (3)   |       |
| ENG                    | 0013 | Precollege Literacy  |          | N/C   |       |
| ENG                    | 0023 | College Literacy (taken with ENG 1003 – Freshman English I)                    |          | N/C   |       |
| MATH                   | 0013 | Foundations of Algebra I   |          | N/C   |       |
| MATH                   | 0112 | Review for College Algebra (taken with MATH 1023 – College Algebra)            |          | N/C   |       |

**General Education Requirements (35 credit hours)**

| English/Communication (12 credit hours) |      |                       | UCA <sup>3</sup> | Semester | Hours | Grade |
|---|------|-----------------------|------------------|----------|-------|-------|
| ENG                                     | 1003 | Freshman English I    | WRTG 1310        |          | 3     |       |
| ENG                                     | 1013 | Freshman English II   | WRTG 1320        |          | 3     |       |
| SPCH                                    | 1203 | Oral Communications   | COMM 1300        |          | 3     |       |
| ENG                                     | 2003 | World Literature I or | ENGL 2305        |          | 3     |       |
| ENG                                     | 2013 | World Literature II   | ENGL 2306        |          |       |       |

| Mathematics (3 credit hours) |      |                 | UCA       | Semester | Hours | Grade |
|------------------------------|------|-----------------|-----------|----------|-------|-------|
| MATH                         | 1023 | College Algebra | MATH 1390 |          | 3     |       |

| Lab Sciences (8 credit hours) |      |                       | UCA       | Semester | Hours | Grade |
|-------------------------------|------|-----------------------|-----------|----------|-------|-------|
| BIOL                          | 1014 | Principles of Biology | BIOL 1440 |          | 4     |       |
| CHEM                          | 1014 | General Chemistry I   | CHEM 1450 |          | 4     |       |

| Fine Arts (3 credit hours) |      |   | UCA                               | Semester | Hours | Grade |
|----------------------------|------|---|-----------------------------------|----------|-------|-------|
| ART                        | 2503 | Fine Arts – Visual or                               | ART 2300<br>MUS 2300<br>THEA 2300 |          | 3     |       |
| MUS                        | 2503 | Fine Arts – Musical or                              |                                   |          |       |       |
| THEA                       | 2503 | Fine Arts – Theatre or<br>(or other ASES Fine Arts) |                                   |          |       |       |

| Social Sciences (6 credit hours) |      |  | UCA       | Semester | Hours | Grade |
|----------------------------------|------|--|-----------|----------|-------|-------|
| POSC                             | 2103 | Introduction to United States Government | PSCI 1330 |          | 3     |       |
| HIST                             | 1013 | World Civilization to 1660 or            | HIST 1310 |          | 3     |       |
| HIST                             | 1023 | World Civilization since 1660            | HIST 1320 |          |       |       |

| Social or Behavioral Science Elective (3 credit hours) |      |                           | UCA       | Semester | Hours | Grade |
|--|------|---------------------------|-----------|----------|-------|-------|
| GEOG   | 2613 | Introduction to Geography | GEOG 1305 |          | 3     |       |

**Environmental Science Core (25 credit hours)<sup>4</sup>**

|      |      |   | UCA       | Semester | Hours | Grade |
|------|------|---|-----------|----------|-------|-------|
| BOT  | 1104 | General Botany <sup>4</sup>               |           |          | 4     |       |
| CHEM | 1024 | Chemistry II                              | CHEM 1451 |          | 4     |       |
| GEOG | 1233 | Introduction to GIS                       |           |          | 3     |       |
| PHSC | 1304 | Earth Science                             | GEOG 1400 |          | 4     |       |
| POSC | 2213 | Legal Aspects of Environmental Management |           |          | 3     |       |
| ZOOL | 1204 | Principles of Zoology <sup>4</sup>        |           |          | 4     |       |
|      |      | <i>ASES Approved Elective</i>             |           |          | 3     |       |

**Total Hours: 60<sup>5</sup>**



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**University of Central Arkansas**  
**Bachelor of Science in Environmental Science (Planning and Administration)**  
**UCA Courses (60 credit hours)<sup>6</sup>**

| <b>Environmental Science Core (14 hours)</b> |      |  | <b>Semester</b> | <b>Hours</b> | <b>Grade</b> |
|--|------|--|-----------------|--------------|--------------|
| GEOG   | 3301 | Conservation of Natural Resources (UD Core: R)       |                 | 3            |              |
| ENVR   | 3410 | Environmental Theory and Application (UD Core: C, D) |                 | 4            |              |
| ENVR   | 4410 | Environmental Practicum (UD Core: Z)                 |                 | 4            |              |
| PSCI   | 3320 | Environmental Policy (UD Core: I, R)                 |                 | 3            |              |

| <b>Planning and Administration Core (32 hours)</b> |      |  | <b>Semester</b> | <b>Hours</b> | <b>Grade</b> |
|--|------|--|-----------------|--------------|--------------|
| GEOG   | 2330 | Quantitative Methods   |                 | 3            |              |
| GEOG   | 2475 | Cartography  |                 | 4            |              |
| GEOG   | 3303 | Geographic Information Systems (UD Core: I)                    |                 | 3            |              |
| GEOG   | 3318 | <b>Choose One:</b><br>Biogeography                             |                 | 3            |              |
| GEOG   | 3333 | Geography of Natural Hazards (UD Core: R)                      |                 |              |              |
| GEOG   | 3325 | <b>Choose One:</b><br>Urban and Regional Planning (UD Core: R) |                 | 3            |              |
| GEOG   | 3371 | Urban Geography (UD Core: I)                                   |                 |              |              |
| PSCI   | 2305 | Introduction to Public Administration and Policy               |                 | 3            |              |
| HIST   | 4301 | American Environmental History (UD Core: C, R)                 |                 | 3            |              |
| WRTG   | 3310 | Technical Writing (UD Core: C)                                 |                 | 3            |              |
| BIOL   | 3403 | General Ecology (UD Core: I)                                   |                 | 4            |              |
| H ED   | 4303 | Environmental Health Problems                                  |                 | 3            |              |

| <b>Major Electives (14 hours)</b> |  |   | <b>Semester</b> | <b>Hours</b> | <b>Grade</b> |
|-----------------------------------|--|---|-----------------|--------------|--------------|
|                                   |  | Major Elective (From Approved List – See Major Advisor) |                 | 3            |              |
|                                   |  | Major Elective (From Approved List – See Major Advisor) |                 | 3            |              |
|                                   |  | Major Elective (From Approved List – See Major Advisor) |                 | 3            |              |
|                                   |  | Major Elective (From Approved List – See Major Advisor) |                 | 3            |              |
|                                   |  | Major Elective (From Approved List – See Major Advisor) |                 | 2            |              |

**Total Hours: 120<sup>7</sup>**

<sup>1</sup> Please see your ASUB advisor for degree and graduation information.

<sup>2</sup> Agreement requirements are guaranteed in accordance with the academic year of initial enrollment at ASUB, not to precede the academic year during which the agreement first took effect. A period of non-enrollment of 12 months or more requires that the student adhere to the agreement revision corresponding with the academic year of re-enrollment.

<sup>3</sup> UCA course is either guaranteed by ACTS (acts.adhe.edu) or by UCA Department Chair approval (if blank, elective credit will be awarded).

<sup>4</sup> UCA will accept both BOT 1104 and ZOO 1204 as a substitute for BIOL 1441 – Principles of Biology II.

<sup>5</sup> Students completing the AS in Environmental Science degree requirements, as shown above, with a minimum 2.0 cumulative GPA, will have satisfied the UCA Lower-Division Core and will be admitted to the BS in Environmental Science (Planning and Administration) degree program as a junior.

<sup>6</sup> In order to receive important communications about transferring to UCA, students are encouraged to create a UCA student account at [gopurple.uca.edu](http://gopurple.uca.edu). For more information about the 2+2 program, students may also send email inquiries to [ucatransfer@uca.edu](mailto:ucatransfer@uca.edu).

<sup>7</sup> This agreement requires 120 credit hours as follows: maximum 60 at ASUB and remaining 60 at UCA (40 of which must be upper-division).