



2+2 Degree Plan
Associate of Science in Liberal Arts and Sciences
BS in Environmental Science (Chemistry)



Arkansas State University - Newport¹
Associate of Science in Liberal Arts and Sciences²

| Possible Prerequisites | | | Semester | Hours | Grade |
|------------------------|------|---------------------------|----------|-------|-------|
| ENG | 0051 | Writing Seminar | | N/C | |
| ENG | 0053 | English Fundamentals | | N/C | |
| MATH | 0083 | Mathematical Fundamentals | | N/C | |
| UNIV | 1001 | College and Life Skills | | N/C | |

General Education Requirements (35 credit hours)

| English/Communication (9 credit hours) | | | UCA ³ | Semester | Hours | Grade |
|--|------|---------------------|------------------|----------|-------|-------|
| ENG | 1003 | Composition I | WRTG 1310 | | 3 | |
| ENG | 1013 | Composition II | WRTG 1320 | | 3 | |
| SPCH | 1203 | Oral Communications | COMM 1300 | | 3 | |

| 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 | 2211/2213 | Biology of the Cell and Lab | BIOL 1440 | | 4 | |
| CHEM | 1011/1013 | General Chemistry I and Lab | CHEM 1450 | | 4 | |

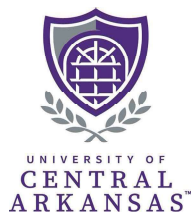
| Fine Arts/Humanities (6 credit hours) | | | UCA | Semester | Hours | Grade |
|---------------------------------------|------|---|-----------|----------|-------|-------|
| ART | 2503 | Choose one: Fine Arts – Visual | ART 2300 | | 3 | |
| MUS | 2503 | Fine Arts – Musical | MUS 2300 | | | |
| THEA | 2503 | Fine Arts – Theatre <i>(or other ASLAS Fine Arts)</i> | THEA 2300 | | | |
| ENG | 2003 | Choose one: Introduction to Literature of the Western World I | ENGL 2305 | | 3 | |
| ENG | 2013 | Introduction to Literature of the Western World II | ENGL 2306 | | | |
| PHIL | 1103 | Introduction to Philosophy | PHIL 1301 | | | |

| Social Sciences (9 credit hours) | | | UCA | Semester | Hours | Grade |
|----------------------------------|------|---|-----------|----------|-------|-------|
| POSC | 2103 | Introduction to United States Government | PSCI 1330 | | 3 | |
| HIST | 1013 | Choose one: World Civilization to 1660 | HIST 1310 | | 3 | |
| HIST | 1023 | World Civilization since 1660 | HIST 1320 | | | |
| GEOG | 2613 | Choose one: Introduction to Geography | GEOG 1305 | | 3 | |
| PSY | 2013 | Introduction to Psychology | PSYC 1300 | | | |
| SOC | 2213 | Principles of Sociology <i>(or other ASLAS Social Science)</i> | SOC 1300 | | | |

Environmental Science Core (25 credit hours)⁴

| | | | Semester | Hours | Grade |
|------|-----------|------------------------------|-----------|-------|-------|
| BIOL | 1031/1033 | Biology of Plants and Lab | | 4 | |
| BIOL | 1051/1053 | Biology of Animals and Lab | | 4 | |
| CHEM | 1021/1023 | General Chemistry II and Lab | CHEM 1451 | 4 | |
| MATH | 2204 | Calculus I | MATH 1496 | 4 | |
| PHSC | 1103/1101 | Earth Science and Lab | GEOG 1400 | 4 | |
| | | ASLAS Approved Elective | | 3 | |
| | | ASLAS Approved Elective | | 2 | |

Total Hours: 60⁵



2+2 Degree Plan
Associate of Science in Liberal Arts and Sciences
BS in Environmental Science (Chemistry)



University of Central Arkansas
Bachelor of Science in Environmental Science (Chemistry)
UCA Courses (60 credit hours)⁶

| Environmental Science Core (26 hours) | | | Semester | Hours | Grade |
|--|------|--|-----------------|--------------|--------------|
| CHEM | 2401 | Organic Chemistry I | | 4 | |
| CHEM | 3411 | Organic Chemistry II | | 4 | |
| ENVR | 3410 | Environmental Theory & Application (UD UCA Core: C, D) | | 4 | |
| ENVR | 4410 | Environmental Practicum (UD UCA Core: Z) | | 4 | |
| GEOG | 3301 | Conservation of Natural Resources (UD UCA Core: R) | | 3 | |
| MATH | 1497 | Calculus II | | 4 | |
| PSCI | 3320 | Environmental Policy (UD UCA Core: I, R) | | 3 | |

| Chemistry Core (23 hours) | | | Semester | Hours | Grade |
|----------------------------------|------|------------------------------------|-----------------|--------------|--------------|
| CHEM | 3211 | Organic Spectroscopy | | 2 | |
| CHEM | 3520 | Quantitative Analysis | | 5 | |
| CHEM | 4152 | Environmental Chemistry Laboratory | | 1 | |
| CHEM | 4351 | Environmental Chemistry | | 3 | |
| CHEM | 4451 | Advanced Analytical Chemistry | | 4 | |
| Choose one: | | | | | |
| PHYS | 1410 | College Physics 1 | | 4 | |
| PHYS | 1441 | University Physics 1 | | | |
| Choose one: | | | | | |
| PHYS | 1420 | College Physics 2 | | 4 | |
| PHYS | 1442 | University Physics 2 | | | |

| Major Electives (10 hours) | | | Semester | Hours | Grade |
|-----------------------------------|--|---|-----------------|--------------|--------------|
| | | Upper Division Restricted Elective (From Approved List – See Major Advisor) | | 3 | |
| | | Upper Division Restricted Elective (From Approved List – See Major Advisor) | | 3 | |
| | | Upper Division Restricted Elective (From Approved List – See Major Advisor) | | 3 | |
| | | Upper Division Restricted Elective (From Approved List – See Major Advisor) | | 1 | |

| General Elective (1 hour) | | | Semester | Hours | Grade |
|----------------------------------|--|------------------|-----------------|--------------|--------------|
| | | General Elective | | 1 | |

Total Hours: 120⁷

¹ Please see your ASUN advisor for degree and graduation information.

² Agreement requirements are guaranteed in accordance with the academic year of initial enrollment at ASUN, 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.

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

⁴ UCA will accept both BIOL 1034 and BIOL 1054 as a substitute for BIOL 1441 - Principles of Biology II.

⁵ Students completing the AS in Liberal Arts and Sciences 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 (Chemistry) degree program as a junior.

⁶ In order to receive important communications about transferring to UCA, students are encouraged to create a UCA student account at admissions.uca.edu/apply/. For more information about the 2+2 program, students may also send email inquiries to ucatransfer@uca.edu.

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