



2+2 Degree Plan Checklist

Associate of Science in Liberal Arts and Sciences

Bachelor of Science in Biology



University of Arkansas-Pulaski Technical College¹

Associate of Science in Liberal Arts and Sciences²

| Possible Prerequisites | | | Semester | Hours | Grade |
|------------------------|------|----------------------------------|----------|-------|-------|
| DEVE | 0316 | College Reading | | N/C | |
| DEVE | 0322 | English Skills | | N/C | |
| DEVE | 0324 | English Composition Fundamentals | | N/C | |
| DEVE | 0336 | Elementary Algebra | | N/C | |
| DEVE | 0338 | Intermediate Algebra | | N/C | |

General Education Requirements (35 credit hours)

| English/Communication (9 credit hours) | | | UCA ³ | Semester | Hours | Grade |
|--|------|------------------------|------------------|----------|-------|-------|
| ENGL | 1311 | English Composition I | WRTG 1310 | | 3 | |
| ENGL | 1312 | English Composition II | WRTG 1320 | | 3 | |
| SPCH | 1300 | Speech Communications | COMM 1300 | | 3 | |

| Mathematics (3 credit hours) | | | UCA | Semester | Hours | Grade |
|------------------------------|------|-----------------|-----------|----------|-------|-------|
| MATH | 1302 | College Algebra | MATH 1390 | | 3 | |

| Lab Sciences (8 credit hours) | | | UCA | Semester | Hours | Grade |
|-------------------------------|------|----------------------------|-----------|----------|-------|-------|
| BIOL | 1401 | Biological Science and Lab | BIOL 1440 | | 4 | |
| CHEM | 1405 | General Chemistry I | CHEM 1450 | | 4 | |

| Literature (3 credit hours) | | | UCA | Semester | Hours | Grade |
|-----------------------------|------|---|-----------|----------|-------|-------|
| ENGL | 2337 | Choose one: World Literature from the Beginning to 1650 World Literature from 1650 to the Present (or other ASLAS Literature) | ENGL 2305 | | 3 | |
| ENGL | 2338 | | ENGL 2306 | | | |

| Arts and Humanities (3 credit hours) | | | UCA | Semester | Hours | Grade |
|--------------------------------------|------|---|-----------|----------|-------|-------|
| ARTS | 2300 | Choose one: Introduction to Visual Arts Introduction to Music Introduction to Theatre (or other ASLAS Arts and Humanities) | ART 2300 | | 3 | |
| MUSC | 2300 | | MUS 2300 | | | |
| THEA | 2300 | | THEA 2300 | | | |

| History/Government (3 Credit Hours) | | | UCA | Semester | Hours | Grade |
|-------------------------------------|------|---|-----------|----------|-------|-------|
| HIST | 2311 | Choose one: US History to 1877 US History since 1877 American National Government | HIST 2301 | | 3 | |
| HIST | 2312 | | HIST 2302 | | | |
| POLS | 1310 | | PSCI 1330 | | | |

| Social Science (6 credit hours) | | | UCA | Semester | Hours | Grade |
|---------------------------------|------|---|-----------|----------|-------|-------|
| PSYC | 2300 | Choose two: Psychology and the Human Experience Cultural Geography Introduction to Sociology (or other ASLAS Social Science) | PSYC 1300 | | 6 | |
| GEOG | 2310 | | GEOG 1320 | | | |
| SOCI | 2300 | | SOC 1300 | | | |

Biology Foundation (25 credit hours)⁴

| | | | UCA | Semester | Hours | Grade |
|------|------|--|-----------|----------|-------|-------|
| BIOL | 2402 | General Botany | | | 4 | |
| BIOL | 2404 | General Ecology | | | 4 | |
| BIOL | 2405 | General Zoology | | | 4 | |
| CHEM | 1406 | General Chemistry II | CHEM 1451 | | 4 | |
| MATH | 2320 | Introduction to Statistics and Probability | MATH 2311 | | 3 | |
| PHYS | 1402 | College Physics I | PHYS 1410 | | 4 | |
| | | ASLAS Approved Elective | | | 2 | |

Total Hours: 60⁵



2+2 Degree Plan Checklist
Associate of Science in Liberal Arts and Sciences
Bachelor of Science in Biology



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

| | | | Semester | Hours | Grade |
|------|------|--|----------|-------|-------|
| BIOL | 2490 | Genetics | | 4 | |
| BIOL | 3402 | Cell Biology (UD UCA Core: I, C) | | 4 | |
| CHEM | 2401 | Organic Chemistry I | | 4 | |
| CHEM | 3411 | Organic Chemistry II | | 4 | |
| MATH | 1491 | Applied Calculus for the Life Sciences | | 4 | |
| MATH | 1496 | Calculus I | | 4 | |
| PHYS | 1420 | College Physics 2 | | 4 | |
| | | Upper Division Biology Lab Elective | | 4 | |
| | | Upper Division Biology Lab Elective | | 4 | |
| | | Upper Division Biology Lab Elective | | 4 | |
| | | Upper Division Biology Lab Elective | | 4 | |
| | | Upper Division Biology Elective | | 3 | |
| | | Upper Division Biology Elective | | 3 | |
| | | Upper Division Biology Elective | | 3 | |
| | | Upper Division Biology Elective | | 3 | |
| | | Upper Division Core (UD UCA Core: D, R) | | 3 | |
| | | Upper Division Capstone (UD UCA Core: Z) | | 3 | |
| | | General Elective | | 2 | |

Total Hours: 120⁷

¹ Please see your UA-PTC advisor for degree and graduation information.

² Agreement requirements are guaranteed in accordance with the academic year of initial enrollment at UA-PTC, 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 2402 and BIOL 2405 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 Biology 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 gopurple.uca.edu. 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 UA-PTC and remaining 60 at UCA (40 of which must be upper-division).