



**2+2 Degree Plan Checklist
Associate of Science in STEM
Bachelor of Science in Biology**



**University of Arkansas Community College at Batesville¹
Associate of Science in STEM²**

| Possible Prerequisites | | | Semester | Hours | Grade |
|------------------------|------|-------------------------|----------|-------|-------|
| PRE | 0203 | Pre Algebra | | N/C | |
| MTH | 0003 | Beginning Algebra | | N/C | |
| MTH | 0013 | Intermediate Algebra | | N/C | |
| PRE | 0303 | Reading Improvement | | N/C | |
| PRE | 0503 | Basic Writing | | N/C | |
| PRE | 0113 | Fundamentals of Writing | | N/C | |

General Education Requirements (35 credit hours)

| English/Communication (9 credit hours) | | | UCA ³ | Semester | Hours | Grade |
|--|------|------------------------|------------------|----------|-------|-------|
| ENG | 1103 | English Composition I | WRTG 1310 | | 3 | |
| ENG | 1203 | English Composition II | WRTG 1320 | | 3 | |
| SPC | 1003 | Oral Communication | COMM 1300 | | 3 | |

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

| Lab Sciences (8 credit hours) | | | UCA | Semester | Hours | Grade |
|-------------------------------|---------|-----------------------------|-----------|----------|-------|-------|
| BIO | 1103/01 | Biology for Majors and Lab | BIOL 1440 | | 4 | |
| CHM | 1103/01 | College Chemistry I and Lab | CHEM 1450 | | 4 | |

| Fine Arts/Humanities (6 credit hours) | | | UCA | Semester | Hours | Grade |
|---------------------------------------|------|--|-----------|----------|-------|-------|
| FAV | 2023 | Choose one: Fine Arts - Visual | ART 2300 | | 3 | |
| FAM | 2003 | Fine Arts - Music Appreciation | MUS 2300 | | | |
| FAT | 2013 | Fine Arts - Theatre | THEA 2300 | | | |
| ENG | 2113 | Choose one: World Literature I | ENGL 2305 | | 3 | |
| ENG | 2213 | World Literature II | ENGL 2306 | | | |
| PHI | 1003 | Introduction to Philosophy | PHIL 1301 | | | |

| Social Sciences (6 credit hours) | | | UCA | Semester | Hours | Grade |
|----------------------------------|------|---|-----------|----------|-------|-------|
| HIS | 2003 | Choose one: United States History I | HIST 2301 | | 3 | |
| HIS | 2013 | United States History II | HIST 2302 | | | |
| POS | 2103 | American National Government | PSCI 1330 | | | |
| HIS | 1013 | Choose one: World Civilization I | HIST 1310 | | 3 | |
| HIS | 1023 | World Civilization II | HIST 1320 | | | |

| Social or Behavioral Science Elective (3 Credit Hours) | | | UCA | Semester | Hours | Grade |
|--|------|--|-----------|----------|-------|-------|
| PSY | 1003 | General Psychology | PSYC 1300 | | 3 | |
| SOC | 2003 | Principles of Sociology (or other AS STEM Social Science) | SOC 1300 | | | |

Biology Foundation (25 credit hours)⁴

| | | | UCA | Semester | Hours | Grade |
|-----|---------|-------------------------------|------------|----------|-------|-------|
| BIO | 1113/11 | General Botany and Lab | BIOL ELECT | | 4 | |
| BIO | 1123/21 | Principles of Zoology and Lab | BIOL ELECT | | 4 | |
| CHM | 1123/21 | College Chemistry II and Lab | CHEM 1451 | | 4 | |
| MTH | 1013 | Trigonometry | MATH 1392 | | 3 | |
| MTH | 2005 | Calculus I | MATH 1496 | | 5 | |
| MTH | 2053 | Statistics | MATH 2311 | | 3 | |
| | | AS STEM Approved Elective | | | 3 | |

Total Hours: 60⁵



**2+2 Degree Plan Checklist
Associate of Science in STEM
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 | |
| BIOL | 3403 | General Ecology (UD UCA Core: I) | | 4 | |
| CHEM | 2401 | Organic Chemistry I | | 4 | |
| CHEM | 3411 | Organic Chemistry II | | 4 | |
| PHYS | 1410 | College Physics 1 | | 4 | |
| PHYS | 1420 | College Physics 2 | | 4 | |
| | | Upper Division Biology Lab Elective (UD UCA Core: Z) | | 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 Requirement (UD UCA Core: D, R) | | 3 | |
| | | General Elective | | 1 | |

Total Hours: 120⁷

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

² Agreement requirements are guaranteed in accordance with the academic year of initial enrollment at UACCB, 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 BIO 1113/11 and BIO 1123/21 as a substitute for BIOL 1441 – Principles of Biology II.

⁵ Students completing the AS in STEM degree, 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 62 at UACCB and remaining 58 at UCA (40 of which must be upper-division).