



**2+2 Degree Plan Checklist**  
**Associate of Science in Liberal Arts and Sciences**  
**Bachelor of Science in Information Systems**



**University of Arkansas-Pulaski Technical College<sup>1</sup>**  
**Associate of Science in Liberal Arts and Sciences<sup>2</sup>**  
**General Education Requirements (35 credit hours)**

| <b>English/Communication (9 credit hours)</b> |       |                        | <b>UCA<sup>3</sup></b> | <b>Semester</b> | <b>Hours</b> | <b>Grade</b> |
|---|-------|------------------------|------------------------|-----------------|--------------|--------------|
| ENGL  | 10103 | English Composition I  | WRTG 1310              |                 | 3            |              |
| ENGL  | 10203 | English Composition II | WRTG 1320              |                 | 3            |              |
| SPCH  | 10003 | Speech Communications  | COMM 1300              |                 | 3            |              |

| <b>Mathematics (3 credit hours)</b> |       |                 | <b>UCA</b> | <b>Semester</b> | <b>Hours</b> | <b>Grade</b> |
|-------------------------------------|-------|-----------------|------------|-----------------|--------------|--------------|
| MATH                                | 11003 | College Algebra | MATH 1390  |                 | 3            |              |

| <b>Lab Sciences (8 credit hours)</b> |             |   | <b>UCA</b> | <b>Semester</b> | <b>Hours</b> | <b>Grade</b> |
|--------------------------------------|-------------|---|------------|-----------------|--------------|--------------|
| BIOL                                 | 10031/10043 | Biology for Non-Majors and Lab<br><i>(or other ASLAS Life Science with Lab)</i> | BIOL 1400  |                 | 4            |              |
| PHSC                                 | 10043/10031 | Physical Science and Lab<br><i>(or other ASLAS Physical Science with Lab)</i>   | PHYS 1400  |                 | 4            |              |

| <b>Arts and Humanities (3 credit hours)</b> |       |   | <b>UCA</b> | <b>Semester</b> | <b>Hours</b> | <b>Grade</b> |
|---|-------|---|------------|-----------------|--------------|--------------|
| ARHS  | 10003 | <b>Choose one:</b><br>Introduction to Visual Art<br>Introduction to Music<br>Introduction to Theatre<br><i>(or other ASLAS Arts and Humanities)</i> | ART 2300   |                 | 3            |              |
| MUSC  | 10003 |   | MUS 2300   |                 |              |              |
| THTR  | 10003 |   | THEA 2300  |                 |              |              |

| <b>Literature (3 Credit Hours)</b> |       |  | <b>UCA</b> | <b>Semester</b> | <b>Hours</b> | <b>Grade</b> |
|------------------------------------|-------|--|------------|-----------------|--------------|--------------|
| ENGL                               | 21103 | <b>Choose one:</b><br>World Literature from the Beginning to 1650<br>World Literature from 1650 to the Present<br><i>(or other ASLAS Literature)</i> | ENGL 2305  |                 | 3            |              |
| ENGL                               | 21203 |  | ENGL 2306  |                 |              |              |

| <b>History/Government (3 credit hours)</b> |       |   | <b>UCA</b> | <b>Semester</b> | <b>Hours</b> | <b>Grade</b> |
|--|-------|---|------------|-----------------|--------------|--------------|
| HIST                                       | 21103 | <b>Choose one:</b><br>US History to 1877<br>US History since 1877<br>American National Government | HIST 2301  |                 | 3            |              |
| HIST                                       | 21203 |   | HIST 2302  |                 |              |              |
| PLSC                                       | 20003 |   | PSCI 1330  |                 |              |              |

| <b>Social Sciences (6 credit hours)</b> |       |                              | <b>UCA</b> | <b>Semester</b> | <b>Hours</b> | <b>Grade</b> |
|---|-------|------------------------------|------------|-----------------|--------------|--------------|
| ECON                                    | 22003 | Principles of Microeconomics | ECON 2321  |                 | 3            |              |
| ECON                                    | 21003 | Principles of Macroeconomics | ECON 2320  |                 | 3            |              |

**Information Systems Foundation (25 credit hours)**

|      |       |  | <b>UCA</b> | <b>Semester</b> | <b>Hours</b> | <b>Grade</b> |
|------|-------|--|------------|-----------------|--------------|--------------|
| ACCT | 20003 | Principles of Accounting I                 | ACCT 2310  |                 | 3            |              |
| BLAW | 20003 | Legal Environment of Business              | ACCT 2321  |                 | 3            |              |
| CPSI | 25174 | Introduction to Computer Science I         | CSCI 1470  |                 | 4            |              |
| CPSI | 26474 | Introduction to Computer Science II        | CSCI 1480  |                 | 4            |              |
| CPSI | 27373 | Data Structures                            | CSCI 2320  |                 | 3            |              |
| MATH | 10843 | Business Calculus                          | MATH 1395  |                 | 3            |              |
| MATH | 21003 | Introduction to Statistics and Probability | MATH 2311  |                 | 3            |              |
|      |       | <i>ASLAS Approved Elective</i>             |            |                 | 2            |              |

**Total Hours: 60<sup>4</sup>**



UNIVERSITY OF  
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**Bachelor of Science in Information Systems**



UNIVERSITY OF ARKANSAS  
PULASKI TECHNICAL COLLEGE

**University of Central Arkansas**  
**Bachelor of Science in Information Systems**  
**UCA Courses (60 credit hours)<sup>5</sup>**

| <b>Business Foundation (6 credit hours)</b>              |      |  | <b>Semester</b> | <b>Hours</b>           | <b>Grade</b> |
|--|------|--|-----------------|------------------------|--------------|
| ECON   | 2310 | Global Environment of Business                                       |                 | 3                      |              |
| MGMT   | 2301 | Business Communications  |                 | 3                      |              |
| <b>Business Core (12 credit hours)</b>                   |      |  | <b>Semester</b> | <b>Hours</b>           | <b>Grade</b> |
| FINA   | 3330 | Managing Finance and Capital (UD UCA Core: I)                        |                 | 3                      |              |
| MGMT   | 3340 | Managing People and Work (UD UCA Core: D, R)                         |                 | 3                      |              |
| CISA   | 3321 | Managing Systems and Technology                                      |                 | 3                      |              |
| MKTG   | 3350 | Principles of Marketing  |                 | 3                      |              |
| <b>Information Systems Requirement (30 credit hours)</b> |      |  | <b>Semester</b> | <b>Hours</b>           | <b>Grade</b> |
| CSCI   | 1340 | <b>Choose one:</b><br>Introduction to Programming I                  |                 | 3                      |              |
| CISA   | 3335 | Data Analysis Using Python   |                 |                        |              |
| CSCI   | 2335 | <b>Choose one:</b><br>Networking                                     |                 | 3                      |              |
| CISA   | 3363 | Telecommunications & Computer Networks I                             |                 |                        |              |
| CSCI   | 3360 | <b>Choose one:</b><br>Database Systems (UD UCA Core: C)              |                 | 3                      |              |
| CISA   | 3365 | Database Applications  |                 |                        |              |
| CSCI   | 3381 | <b>Choose one:</b><br>Object-Oriented Software Development with Java |                 | 3                      |              |
| CISA   | 3339 | Programming in Java I  |                 |                        |              |
| CSCI   | 4315 | <b>Choose one:</b><br>Information Security (UD UCA Core: R)          |                 | 3                      |              |
| CISA   | 4360 | Principles of Information Security                                   |                 |                        |              |
| CSCI   | 3V75 | <b>Choose three:</b><br>Internship                                   |                 |                        |              |
| CSCI   | 4305 | Linux/UNIX Systems   |                 |                        |              |
| CSCI   | 4365 | Web Technologies   |                 |                        |              |
| CSCI   | 4370 | Data Mining  |                 |                        |              |
| CSCI   | 4371 | Machine Learning   |                 |                        |              |
| CSCI   | 4372 | Data Clustering  |                 |                        |              |
| MATH   | 3311 | Statistical Methods  |                 |                        |              |
| CISA   | 3366 | Website Development  |                 |                        |              |
| CISA   | 3V82 | Internship in Computer Information Systems & Analytics               |                 | 9                      |              |
| CISA   | 4320 | Critical Thinking in Data Analytics                                  |                 |                        |              |
| CISA   | 4325 | Predictive Analytics   |                 |                        |              |
| CISA   | 4329 | Database Management Systems  |                 |                        |              |
| CISA   | 4330 | Prescriptive Analytics   |                 |                        |              |
| CISA   | 4366 | E-Commerce & Advanced Website Development                            |                 |                        |              |
| CISA   | 4370 | Advanced Topics in Information Systems                               |                 |                        |              |
| CISA   | 4380 | Business Intelligence & Data Visualization                           |                 |                        |              |
| CISA   | 4381 | Data Mining & Applied Analytics                                      |                 |                        |              |
| CISA   | 4V82 | Internship in Computer Information Systems & Analytics               |                 |                        |              |
| WRID   | 3310 | Technical Writing (UD UCA Core: C)                                   |                 |                        |              |
| CISA   | 3328 | Systems Analysis and Design (UD UCA Core: C)                         |                 | 3                      |              |
| CISA   | 4355 | Project Management (UD UCA Core: Z)                                  |                 | 3                      |              |
| <b>Computer Science Minor (6 credit hours)</b>           |      |  |                 |                        |              |
| CSCI   |      | CSCI Upper Division Electives  |                 | 6                      |              |
| <b>General Electives (6 credit hours)</b>                |      |  |                 |                        |              |
|  |      | General Electives  |                 | 6                      |              |
| <b>Total Hours:</b>                                      |      |  |                 | <b>120<sup>6</sup></b> |              |

<sup>1</sup> Please see your UA-PTC advisor for degree and graduation information.

<sup>2</sup> 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.

<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> 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 Information Systems degree program as a junior.

<sup>5</sup> 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.

<sup>6</sup> 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).