



## 2+2 Degree Plan Checklist

### Associate of Science in Business

### BBA in MIS (Application Development, Programmer Analyst)



### Pulaski Technical College

#### Associate of Science in Business<sup>1</sup>

| Possible Prerequisites |      |                                  | Semester | Hours | Grade |
|------------------------|------|----------------------------------|----------|-------|-------|
| DEVE                   | 0314 | Reading Improvement              |          | N/C   |       |
| DEVE                   | 0316 | College Reading                  |          | N/C   |       |
| DEVE                   | 0322 | English Skills                   |          | N/C   |       |
| DEVE                   | 0324 | English Composition Fundamentals |          | N/C   |       |
| DEVE                   | 0334 | Pre-Algebra Skills               |          | N/C   |       |
| DEVE                   | 0336 | Elementary Algebra               |          | N/C   |       |
| DEVE                   | 0338 | Intermediate Algebra             |          | N/C   |       |

#### General Education Requirements (38 credit hours)

| English/Communication (9 credit hours) |      |                        | UCA <sup>2</sup> | Semester | Hours | Grade |
|--|------|------------------------|------------------|----------|-------|-------|
| ENGL                                   | 1311 | English Composition I  | WRTG 1310        |          | 3     |       |
| ENGL                                   | 1312 | English Composition II | WRTG 1320        |          | 3     |       |
| SPCH                                   | 1300 | Speech Communication   | COMM 1300        |          | 3     |       |

| Mathematics (6 credit hours) |      |                   | UCA       | Semester | Hours | Grade |
|------------------------------|------|-------------------|-----------|----------|-------|-------|
| MATH                         | 1302 | College Algebra   | MATH 1390 |          | 3     |       |
| MATH                         | 1308 | Business Calculus | MATH 1395 |          | 3     |       |

| Lab Sciences (8 credit hours) |      |  | UCA       | Semester | Hours | Grade |
|-------------------------------|------|--|-----------|----------|-------|-------|
| BIOL                          | 1400 | Biology for General Education<br><i>(or other Life Science with Lab – see advisor for approved list)</i> | BIOL 1400 |          | 4     |       |
| PHYS                          | 1401 | Physical Science<br><i>(or other Physical Science with Lab – see advisor for approved list)</i>          | PHYS 1400 |          | 4     |       |

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

| Fine Arts (3 credit hours) |      |                                | UCA       | Semester | Hours | Grade |
|----------------------------|------|--------------------------------|-----------|----------|-------|-------|
| ARTS                       | 2300 | Introduction to Visual Arts or | ART 2300  |          | 3     |       |
| MUSC                       | 2300 | Introduction to Music or       | MUS 2300  |          |       |       |
| THEA                       | 2300 | Introduction to Theatre        | THEA 2300 |          |       |       |

| History/Government (3 credit hours) |      |                              | UCA       | Semester | Hours | Grade |
|-------------------------------------|------|------------------------------|-----------|----------|-------|-------|
| HIST                                | 2311 | U.S. History to 1877 or      | HIST 2301 |          | 3     |       |
| HIST                                | 2312 | U.S. History since 1877 or   | HIST 2302 |          |       |       |
| POLS                                | 1310 | American National Government | PSCI 1330 |          |       |       |

| Social Sciences (6 credit hours) |      |                               | UCA       | Semester | Hours | Grade |
|----------------------------------|------|-------------------------------|-----------|----------|-------|-------|
| HIST                             | 1311 | History of Civilization I or  | HIST 1310 |          | 6     |       |
| HIST                             | 1312 | History of Civilization II or | HIST 1320 |          |       |       |
| HIST                             | 2300 | Introduction to Sociology     | SOC 1300  |          |       |       |

#### Business Foundation (24 credit hours)<sup>3</sup>

|      |      |  | UCA       | Semester | Hours | Grade |
|------|------|--|-----------|----------|-------|-------|
| ACCT | 2310 | Principles of Accounting I                 | ACCT 2310 |          | 3     |       |
| ACCT | 2330 | Principles of Accounting II                | ACCT 2311 |          | 3     |       |
| BUS  | 2633 | Legal Environment of Business              | ACCT 2321 |          | 3     |       |
| MATH | 2320 | Introduction to Statistics and Probability | MATH 2311 |          | 3     |       |
| CIS  | 1403 | Microcomputer Applications I               | MIS 2343  |          | 3     |       |
| ECON | 2323 | Principles of Macroeconomics               | ECON 2320 |          | 3     |       |
| ECON | 2322 | Principles of Microeconomics               | ECON 2321 |          | 3     |       |
| BUS  | 1243 | Business Communications                    | MGMT 2301 |          | 3     |       |

**Total Hours: 62<sup>4</sup>**



**2+2 Degree Plan Checklist**  
**Associate of Science in Business**  
**BBA in MIS (Application Development, Programmer Analyst)**



**University of Central Arkansas**

**Bachelor of Business Administration in Management Information Systems (Programmer Analyst Concentration)**

UCA Courses (58 credit hours)<sup>5</sup>

| <b>Business Foundation (3 credit hours)</b> |      |                                | Semester | Hours | Grade |
|---|------|--------------------------------|----------|-------|-------|
| ECON  | 2310 | Global Environment of Business |          | 3     |       |

| <b>Business Core (18 credit hours)</b> |      |  | Semester | Hours | Grade |
|--|------|--|----------|-------|-------|
| FINA                                   | 3330 | Managing Finance & Capital             |          | 3     |       |
| MGMT                                   | 3340 | Managing People & Work                 |          | 3     |       |
| MGMT                                   | 3344 | Operations and Supply Chain Management |          | 3     |       |
| MIS                                    | 3321 | Managing Systems and Technology        |          | 3     |       |
| MKTG                                   | 3350 | Principles of Marketing                |          | 3     |       |
| MGMT                                   | 4347 | Managing Policy and Strategy           |          | 3     |       |

| <b>MIS: Programmer Analyst Concentration (24 credit hours)</b> |      |  | Semester | Hours | Grade |
|--|------|--|----------|-------|-------|
| MIS  | 3328 | Systems Analysis and Design                |          | 3     |       |
| MIS  | 3363 | Telecommunications and Computer Networks   |          | 3     |       |
| MIS  | 3365 | Database Applications                      |          | 3     |       |
| MIS  | 3301 | <b>Choose one:</b><br>COBOL I              |          | 3     |       |
| MIS  | 3335 | Programming in Scripting Languages         |          |       |       |
| MIS  | 3339 | Programming in Java I                      |          |       |       |
| MIS  | 3362 | Visual Basic                               |          |       |       |
| MIS  | 4329 | Database Management Systems                |          | 3     |       |
| MIS  | 3301 | <b>Choose one:</b> <sup>6</sup><br>COBOL I |          | 3     |       |
| MIS  | 3335 | Programming in Scripting Languages         |          |       |       |
| MIS  | 3339 | Programming in Java I                      |          |       |       |
| MIS  | 3362 | Visual Basic                               |          |       |       |
| MIS  | 4339 | Programming in Java II                     |          |       |       |
| CSCI   | 1470 | Computer Science I                         |          |       |       |
| MIS / QMTH   |      | MIS Major Course Elective                  |          | 3     |       |
| MIS / QMTH   |      | MIS Major Course Elective                  |          | 3     |       |

| <b>Electives (13 credit hours)</b> |  |                                 | Semester | Hours | Grade |
|------------------------------------|--|---------------------------------|----------|-------|-------|
|                                    |  | Upper Division General Elective |          | 3     |       |
|                                    |  | General Elective                |          | 10    |       |

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

<sup>1</sup> See your PTC advisor for degree and graduation information, including additional lab science options for this degree program.  
<sup>2</sup> UCA transfer course designations are either guaranteed by ACTS (acts.adhe.edu) or have been approved as a substitution by UCA. Unless otherwise noted, courses for which no UCA equivalent course is listed would transfer in as elective credit.  
<sup>3</sup> MATH 2320 will satisfy the statistics requirement for this degree program; students will not be required to take QMTH 2330 at UCA.  
<sup>4</sup> Students completing the AS in Business degree requirements, as shown above, with a minimum 2.0 cumulative GPA, will have satisfied the UCA Lower-Division Core requirements and will be admitted to the BBA in MIS (Application Development, Programmer Analyst Concentration) degree program as a junior.  
<sup>5</sup> For more specific information about degree requirements within the junior and senior years at UCA, please review the UCA Undergraduate Bulletin (<http://uca.edu/ubulletin>) and consult your UCA academic advisor.  
<sup>6</sup> If CSCI 1470 (4 credits) is selected from this category, only 9 Elective hours would be required to complete the BBA degree.  
<sup>7</sup> This degree program requires a total of 120 semester credit hours, including at least 40 upper-division credit hours completed at UCA.