Transfer Pathway Between
West Virginia Junior College-Morgantown and
University of Phoenix

Specialized Associate Degree in Cybersecurity (West Virginia Junior College-Morgantown)
2019-2020 Catalog Year to:
Bachelor of Science in Information Technology v009A (UOPX)

UOPX General Education and Elective Program Requirements

<table>
<thead>
<tr>
<th>Bachelor of Science in Information Technology Degree Requirement</th>
<th>Recommended Courses</th>
<th>Institution</th>
<th>Credits Utilized</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication Arts (6 credits) [Must Include 3 credits of College Composition]</td>
<td>CMP 101 English Composition*</td>
<td>WVJC-M</td>
<td>2.67</td>
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<tr>
<td></td>
<td>COM 101 Effective Communication*</td>
<td>WVJC-M</td>
<td>2.67</td>
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<tr>
<td></td>
<td>RAW 101 Research and Writing*</td>
<td>WVJC-M</td>
<td>0.67</td>
</tr>
<tr>
<td>Mathematics (6 credits) [Must Include 6 credits of College Algebra or higher]</td>
<td>MTH/220 College Algebra</td>
<td>UOPX</td>
<td>3.00</td>
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<tr>
<td></td>
<td>MTH/221 Discrete Math for Information Technology</td>
<td>UOPX</td>
<td>3.00</td>
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<tr>
<td>Science and Technology (3 credits) [Must Include 3 credits in the Physical or Biological Sciences]</td>
<td>BIO 101 Introduction to Microbiology/Lab**</td>
<td>WVJC-M</td>
<td>2.67</td>
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<tr>
<td></td>
<td>PHN 101 Pharmacology I/Lab**</td>
<td>WVJC-M</td>
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<tr>
<td></td>
<td>GEN/201 Foundations for University Success</td>
<td>UOPX</td>
<td>3.00</td>
</tr>
<tr>
<td></td>
<td>LOG 201 Logic and Critical Thinking*</td>
<td>WVJC-M</td>
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<tr>
<td></td>
<td>HUM/105 World Mythology</td>
<td>UOPX</td>
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</tr>
<tr>
<td>Humanities (6 credits)</td>
<td>GEN/201 Foundations for University Success</td>
<td>UOPX</td>
<td>3.00</td>
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<td></td>
<td>CUR 101 Current Events*</td>
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<td></td>
<td>PSY 201 Psychology*</td>
<td>WVJC-M</td>
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<td></td>
<td>HGD 201 Human Growth &amp; Development**</td>
<td>WVJC-M</td>
<td>0.67</td>
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<tr>
<td>Social Science (6 credits)</td>
<td>RAW 101 Research and Writing* (excess)</td>
<td>WVJC-M</td>
<td>2.00</td>
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<tr>
<td></td>
<td>SEC 212 Information Security Fundamentals II*</td>
<td>WVJC-M</td>
<td>2.00</td>
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<tr>
<td></td>
<td>SEC 213 Information Security Fundamentals III*</td>
<td>WVJC-M</td>
<td>2.00</td>
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<tr>
<td>Liberal Arts (6 credits)</td>
<td>RAW 101 Research and Writing* (excess)</td>
<td>WVJC-M</td>
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<tr>
<td></td>
<td>SEC 212 Information Security Fundamentals II*</td>
<td>WVJC-M</td>
<td>2.00</td>
</tr>
<tr>
<td></td>
<td>SEC 213 Information Security Fundamentals III*</td>
<td>WVJC-M</td>
<td>2.00</td>
</tr>
<tr>
<td>Interdisciplinary (9 credits)</td>
<td>SDA 101 Systems Diagnostics and Analysis*</td>
<td>WVJC-M</td>
<td>2.67</td>
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<tr>
<td></td>
<td>SDA 102 Systems Diagnostics and Analysis II*</td>
<td>WVJC-M</td>
<td>2.67</td>
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<tr>
<td></td>
<td>CSY 102 OS Security Fundamentals*</td>
<td>WVJC-M</td>
<td>2.67</td>
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<td></td>
<td>CSY 201 Ethical Hacking and Pen Testing*</td>
<td>WVJC-M</td>
<td>1.00</td>
</tr>
<tr>
<td>Elective (15 credits)</td>
<td>Lower Division Elective Credits Filled by Combined Credits From:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CSY 201 Ethical Hacking and Pen Testing* (excess)</td>
<td>WVJC-M</td>
<td>1.00</td>
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<tr>
<td></td>
<td>NET 111, NET 112, NET 113, SEC 211, CYD 201, CYD 202, CYD 203, CST 204, CSX 201, CAR 201, SSS 101*</td>
<td>WVJC-M</td>
<td>14.00</td>
</tr>
</tbody>
</table>

*Course recommended or required to maximize transfer into UOPX based off Associate degree requirements to obtain a Specialized Associate Degree in Cybersecurity from West Virginia Junior College-Morgantown.

**Course recommended by UOPX outside of Associate degree requirements to reach transfer credit totals listed on pathway. Students may have other options to satisfy this course requirement at University of Phoenix. Students should consult the Course Transfer Guide as well as an advisor at their respective institution if they would like to take courses outside of the recommended sequence.

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# UOPX Course of Study Requirements

### Bachelor of Science in Information Technology Degree Requirement

**Information Systems Fundamentals**
- **Recommended Courses**: CIS/207 *Information Systems Fundamentals*  
  **Institution**: UOPX  
  **Credits**: 3.00

**Cyber Domain**
- **Recommended Courses**: CYB/100 *Cyber Domain*  
  **Institution**: UOPX  
  **Credits**: 3.00

**Foundations of Security**
- **Recommended Courses**: CSY 101 *Introduction to Cybersecurity*  
  **Institution**: WVJC-M  
  **Credits**: 2.67

**Object-Oriented Scripting Language**
- **Recommended Courses**: CYB/130 *Object-Oriented Scripting Language*  
  **Institution**: UOPX  
  **Credits**: 3.00

**Infrastructure Administration**
- **Recommended Courses**: CYB/205 *Infrastructure Administration*  
  **Institution**: UOPX  
  **Credits**: 3.00

**Algorithms and Logic for Computer Programming**
- **Recommended Courses**: PRG/211 *Algorithms and Logic for Computer Programming*  
  **Institution**: UOPX  
  **Credits**: 3.00

**Data Programming Languages**
- **Recommended Courses**: DAT/210 *Data Programming Languages*  
  **Institution**: UOPX  
  **Credits**: 3.00

**Data Structures for Problem Solving**
- **Recommended Courses**: DAT/305 *Data Structures for Problem Solving*  
  **Institution**: UOPX  
  **Credits**: 3.00

**Fundamentals of Networking**
- **Recommended Courses**: NTC/362 *Fundamentals of Networking*  
  **Institution**: UOPX  
  **Credits**: 3.00

**Fundamentals of Business Systems Development**
- **Recommended Courses**: BSA/375 *Fundamentals of Business Systems Development*  
  **Institution**: UOPX  
  **Credits**: 3.00

**Advanced Database Architecture**
- **Recommended Courses**: DAT/380 *Advanced Database Architecture*  
  **Institution**: UOPX  
  **Credits**: 3.00

**Database Integration with Other Systems**
- **Recommended Courses**: DAT/390 *Database Integration with Other Systems*  
  **Institution**: UOPX  
  **Credits**: 3.00

**Intro to Information Assurance & Security**
- **Recommended Courses**: CMGT/400 *Intro to Information Assurance & Security*  
  **Institution**: UOPX  
  **Credits**: 3.00

**Project Planning & Implementation**
- **Recommended Courses**: CMGT/410 *Project Planning & Implementation*  
  **Institution**: UOPX  
  **Credits**: 3.00

**BSIT Capstone**
- **Recommended Courses**: BSA/425 *BSIT Capstone*  
  **Institution**: UOPX  
  **Credits**: 3.00

**Upper Division Information Systems and Technology Electives**
- **Recommended Courses**: Upper Division Information Systems and Technology Electives  
  **Institution**: UOPX  
  **Credits**: 18.00

**Students may earn a Certificate in Information Technology in any of the following areas:**

- Advanced Software Developer
- Advanced Cyber Security
- Advanced Networking
- Advanced Virtualization Administration
- Advanced Health Care Information Technology

### Institutional Credit Breakdown

- **Minimum Credits Required for Specialized Associate Degree in Cybersecurity**: 60.00 Credits
- **Credits Utilized from Specialized Associate Degree in Cybersecurity**: 46.67 Credits
- **Recommended Credits Outside Specialized Associate Degree in Cybersecurity to Maximize Transfer**: 3.67 Credits

### Total Credits Required to Complete Bachelor's Degree

- Total West Virginia Junior College-Morgantown Applied Credits: 50.34 Credits
- Required University of Phoenix Credits (42 Upper Division): 69.66 Credits

+ Identifies lower division courses that can be waived using transfer coursework providing certain conditions are met upon admission to UOPX.

**NOTE:** This breakdown represents the recommended course sequence a student should pursue in order to transfer into University of Phoenix. This summary is an estimation of credits only based on the current catalog and degree program requirements. Actual credit may vary based on each individual student’s submission. Concentrations are reflected on the transcript only. All courses that apply to an associate’s degree transfer to the University of Phoenix with the exception of remedial or vocational courses. Courses must have received a grade of C- or higher to transfer.

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