



**Bachelor of Science in Cybersecurity and Networking (120 Credit Hours)  
2018 – 2019 Program Curriculum Guide**

This is an UNOFFICIAL document which can be used as a guide for students pursuing this academic degree program. The official program of study, minimum grade and/or prerequisite requirements are published in the current university catalog. Students should contact their student success advisor with any questions.

Area I: Cybersecurity and Networking Component		Credit Hours	Met
<b>A. Computer Information Technology Core</b>			
CTS1131	A+ Hardware I	3	
CTS1132	A+ Hardware II	3	
COP2250	Java Programming I	3	
CTS2318	Principles of Information Security	3	
CGS2515	Advanced Computer Applications	3	
GRA2520	Web Design I	3	
COP2700	Introduction to Database Management Systems	3	
ISM4314	Project Management	3	
CIS4595	Systems Analysis & Solutions Architectures (Capstone)	3	
COP4751	Advanced Database Management	3	
<b>Total Computer Information Technology Core</b>		<b>30</b>	
<b>B. Cybersecurity and Networking Core</b>			
CTS1138	A+ Lab/ Certification Prep	3	
CET2020	Introduction to Networks	3	
CTS2134	CompTIA Network+ Certification Prep	3	
CTS2166	Introduction to Scripting I	3	
CTS2167	PowerShell Scripting II	3	
CET2610	Routing & Switching Essentials	3	
CTS2650	Networking Essentials	3	
ISM3324	Computer Forensics	3	
CTS4116	Linux System & Security Administration	3	
CTS4124	Incident Response, Disaster Recovery and Contingency Planning	3	
CIS4200	Security Penetration Testing	3	

(Cont.)		Credit Hours	Met
CIS4204	Ethical Hacking	3	
ISM4321	Information Systems Security Compliance	3	
ISM4330	Policy and Administration in Information Systems	3	
CNT4409	Fundamentals of System and Network Security	3	
CIS4617	Information Systems for Knowledge Management and Decision Support	3	
<b>Total Cybersecurity and Networking Core</b>		<b>48</b>	
<b>C. Business Core</b>			
GEB1011	Introduction to Business	3	
FIN2100	Personal Finance	3	
<b>Total Business Core</b>		<b>6</b>	
<b>Area II: General Education Component</b>			
MAT1033	Intermediate Algebra	3	
CGS1100	Computer Applications	3	
ENC1101	English Composition I	3	
SLS1103	College Developmental Skills <b>OR</b>	3	
SLS3506	College Study Skills		
MAC1105	College Algebra I	3	
STA2023	Basic Statistics	3	
PHI2103	Critical Thinking	3	
PHI2600	Ethics	3	
ENC3213	Professional Writing	3	
COM4014	Gender Communication	3	
Elective	Social or Behavioral Sciences	3	
Elective	Open Upper Level (3000/4000) General Education Elective	3	
<b>Total General Education Component</b>		<b>36</b>	
<b>Total Semester Hours Required for Graduation</b>		<b>120</b>	

Once enrolled, please log into the MyHUgo portal and check "My Progress" in the student planning module of HU Self-Service. Please contact the Office of Student Success if you have any questions and refer to the University Catalog for degree requirements.



**Bachelor of Science in Cybersecurity and Networking (120 Credit Hours)  
2018 – 2019 Optimum Sequence of Course Work**

The following course sequences are formatted to help ensure the most direct path to program completion. Deviation may add to the overall time to complete the degree, as many courses require prerequisites and/or are not offered every session. It is important for students to follow the optimum sequence of coursework as suggested by their student success advisor.

1 <sup>st</sup> Year – Session One		Credits	Met	1 <sup>st</sup> Year – Session Two		Credits	Met	1 <sup>st</sup> Year – Session Three		Credits	Met
SLS1103	College Development Skills	3		CTS1132	A+ Hardware II	3		COP2700	Introduction to Database Management Systems	3	
CGS1100	Computer Applications	3		CGS2515	Advanced Computer Applications	3		COP2250	Java Programming I	3	
ENC1101	English Composition I	3		GRA2520	Web Design I	3		GEB1011	Introduction to Business	3	
CTS1131	A+ Hardware I	3		MAT1033	Intermediate Algebra	3		CTS1138	A+ Lab/ Certification Prep	3	
<b>Total</b>		<b>12</b>		<b>Total</b>		<b>12</b>		<b>Total</b>		<b>12</b>	

2 <sup>nd</sup> Year – Session Four		Credits	Met	2 <sup>nd</sup> Year --Session Five		Credits	Met	2 <sup>nd</sup> Year – Session Six		Credits	Met
CTS2318	Principles of Information Security	3		COP4751	Advanced Database Management	3		CTS2167	PowerShell Scripting II	3	
CTS2650	Networking Essentials	3		CTS2134	CompTIA Network+ Certification Prep	3		CET2020	Introduction to Networks	3	
FIN2100	Personal Finance	3		CTS2166	Introduction to Scripting I	3		ISM3324	Computer Forensics	3	
PHI2600	Ethics	3		MAC1105	College Algebra I	3		PHI2103	Critical Thinking	3	
<b>Total</b>		<b>12</b>		<b>Total</b>		<b>12</b>		<b>Total</b>		<b>12</b>	

3 <sup>rd</sup> Year – Session Seven		Credits	Met	3 <sup>rd</sup> Year – Session Eight		Credits	Met	3 <sup>rd</sup> Year – Session Nine		Credits	Met
ISM4314	Project Management	3		CTS4124	Incident Response, Disaster Recovery and Contingency Planning	3		CIS4204	Ethical Hacking	3	
CET2610	Routing & Switching Essentials	3		ISM4330	Policy and Administration in Information Systems	3		ISM4321	Information System Security Compliance	3	
CTS4116	Linux System & Security Administration	3		CNT4409	Fundamentals of System and Network Security	3		CIS4200	Security Penetration Testing	3	
ENC3213	Professional Writing	3		STA2023	Basic Statistics	3		COM4014	Gender Communication	3	
<b>Total</b>		<b>12</b>		<b>Total</b>		<b>12</b>		<b>Total</b>		<b>12</b>	

Hodges University



Fisher School of Technology

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<b>4<sup>th</sup> Year – Session Ten</b>		<b>Credits</b>	<b>Met</b>
	Social or Behavioral Science	3	
CIS4617	Information Systems for Knowledge Management and Decision Support	3	
	General Education Upper Level Elective	3	
CIS4595	Systems Analysis & Solutions Architectures (Capstone)	3	
<b>Total</b>		<b>12</b>	