



**Bachelor of Science in Software Development (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: Software Development Component		Credit Hours	Met
A. Computer Information Technology Core			
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	
Total Computer Information Technology Core		36	
B. Software Development Core			
CAP2023	Introduction to Game Programming	3	
COP2048	Programming Concepts II	3	
COP2251	Java Programming II	3	
ISM3007	Organizational Applications of Social Media and Collaborative Technologies	3	
COP3337	Advanced C++ w/OOP (Object Oriented Programming)	3	
COP3655	Mobile Application Development	3	
CEN4050	Software Engineering	3	
ISM4052	Internet Application Programming and Databases	3	
CAP4062	Web Applications	3	
CIS4305	Enterprise Applications	3	
CGS4845	E-Commerce	3	
Elective	CTS/CAP/CGS/COP/GRA Elective	3	
Total Software Development Core		36	

C. Business Core		Credit Hours	Met
GEB1011	Introduction to Business	3	
FIN2100	Personal Finance	3	
Total Business Core		6	
Area II: General Education Component			
MAT1033	Intermediate Algebra	3	
CGS1100	Computer Applications	3	
ENC1101	English Composition I	3	
SLS1103	College Developmental Skills OR	3	
SLS3506	College Study Skills		
MAC1105	College Algebra I		
STA2023	Basic Statistics	3	
PHI2103	Critical Thinking	3	
PHI2600	Ethics	3	
ENC3213	Professional Writing	3	
COM4014	Gender Communication	3	
Elective	Social or Behavioral Science	3	
Elective	Open Upper Level (3000/4000) General Education Elective	3	
Total General Education Component		36	
Area III: Approved Elective Component			
Credit for courses taken under the Elective Component may be granted through either advanced standing credit (transfer credits) or classes taken at Hodges University as approved in consultation with the student success advisor.			
Total Elective Component		12	
Total Semester Hours Required for Graduation		120	

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 Software Development (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 st Year – Session One		Credits	Met	1 st Year – Session Two		Credits	Met	1 st Year – Session Three		Credits	Met
SLS1103	College Developmental 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		COP2251	Java Programming II	3	
Total		12		Total		12		Total		12	

2 nd Year – Session Four		Credits	Met	2 nd Year – Session Five		Credits	Met	2 nd Year – Session Six		Credits	Met
CTS2318	Principles of Information Security	3		COP4751	Advanced Database Management	3		Elective	Elective	3	
CAP2023	Introduction to Game Programming	3		MAC1105	College Algebra I	3		ISM3007	Organizational Applications of Social Media and Collaborative Technologies	3	
FIN2100	Personal Finance	3		COP3655	Mobile Application Development	3		COP3337	Advanced C++ w/OOP (Object Oriented Programming)	3	
PHI2600	Ethics	3		COP2048	Programming Concepts II	3		PHI2103	Critical Thinking	3	
Total		12		Total		12		Total		12	

3 rd Year – Session Seven		Credits	Met	3 rd Year – Session Eight		Credits	Met	3 rd Year – Session Nine		Credits	Met
ISM4314	Project Management	3		CAP4062	Web Applications	3		Elective		3	
	Elective	3		STA2023	Basic Statistics	3		CEN4050	Software Engineering	3	
ISM4052	Internet Application Programming and Databases	3		CGS4845	E-Commerce	3		COM4014	Gender Communication	3	
	Social or Behavioral Science	3		Elective		3		Elective		3	
Total		12		Total		12		Total		12	



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4 th Year – Session Ten		Credits	Met
ENC3213	Professional Writing	3	
CIS4305	Enterprise Applications	3	
	General Education Upper Level Elective	3	
CIS4595	Systems Analysis & Solutions Architectures (Capstone)	3	
Total		12	