

Bachelor of Science – Computer Information Systems

Test Scores	English:	Math:	Reading:	Science:	Composite:
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Freshman Fall (16 hrs)		Cr.	Semester	Grade	Course ID
General Education Requirements					
HLG 010	Chapel	0			
HLG 011	Freshman Seminar	1			
ENG 104	English Composition I	3			
MTH 143	College Algebra (or higher)	3			
_____	General Education Option (PHL 253 Intro to Logic Recommended)	3			
Major Requirements					
CIS 103	Introduction to Computers*	3			
CIS 283	PC Hardware*	3			

Freshman Spring (16 hrs)		Cr.	Semester	Grade	Course ID
General Education Requirements					
HLG 010	Chapel	0			
_____	Fine Arts (ART 133 Computer Graphics Recommended)	3			
BIB 113	Old Testament	3			
CAS 101	Intro to Speech Communication	3			
ENG 106	English Composition II	3			
Major Requirements					
CIS 203	Programming Fundamentals**	3			
BIS _____	Controlled Elective (BIS 241/251 Spreadsheet Software Recommended)	1			

Sophomore Fall (15 hrs)		Cr.	Semester	Grade	Course ID
General Education Requirements					
HLG 010	Chapel	0			
BIB 123	New Testament	3			
BIO _____	Life Science Course (one gen ed science must have lab)	4			
PHE _____	P.E. Course	1			
_____	Fine Arts (Appreciation Course)	3			
Major Requirements					
BIS _____	Controlled Elective (BIS 201/202 Web Programming Recommended)	1			
CIS 303	Program Design*	3			

Sophomore Spring (16 hrs)		Cr.	Semester	Grade	Course ID
General Education Requirements					
HLG 010	Chapel	0			
HST _____	History Course	3			
LIT _____	Literature Course	3			
_____	General Education Option	3			
Major Requirements					
BIS _____	Controlled Elective (BIS 272/281 Database Software Recommended)	1			
CIS 123	Web Design**	3			
CIS 373	Networking**	3			

Junior Fall (15-16 hrs)		Cr.	Semester	Grade	Course ID
General Education Requirements					
HLG 010	Chapel	0			
PHS _____	Physical Science (PHY 214 General Physics I Recommended) (one gen ed science must have lab)	3-4			
Major Requirements					
CIS 313	Database Management*	3			
CIS 353	Operating Systems*	3			
CIS 376 CIS 413	Comp. Security & Forensics* (even yr) or Computer Architecture* (odd yr)	3			
_____	Elective	3			

Junior Spring (16 hrs)		Cr.	Semester	Grade	Course ID
General Education Requirements					
HLG 010	Chapel	0			
HST _____	History Course	3			
PHE _____	P.E. Course	1			
Major Requirements					
CIS 333 CIS 403	Web Development** (odd yr) or Database Admin** (even yr)	3			
CIS 383	Internship I	3			
_____	Elective	3			
_____	Elective (MTH 210 Discrete Mathematics ** even yr Recommended)	3			

Senior Fall (15-17 hrs)		Cr.	Semester	Grade	Course ID
General Education Requirements					
HLG 010	Chapel	0			
LIT _____	Literature Course	3			
Major Requirements					
CIS 376 CIS 413	Comp. Security & Forensics* (even yr) or Computer Architecture* (odd yr)	3			
CIS 451-3	Senior Project	1-3			
CIS 473	Advanced Networks*	3			
_____	Upper Level Elective	3			
_____	Elective	2			

Senior Spring (17 hrs)		Cr.	Semester	Grade	Course ID
General Education Requirements					
HLG 010	Chapel	0			
Major Requirements					
CIS 333 CIS 403	Web Development** (odd yr) or Database Admin** (even yr)	3			
CIS 483	Internship II	3			
CIS 489	IT Seminar**	3			
_____	Elective	3			
_____	Elective	3			
_____	Elective	2			

* Offered fall semester only, ** Offered spring semester only, † Must be taken concurrently

This is a proposed guideline. Hannibal-LaGrange University reserves the right to make changes to degree plans without advanced notice or obligation. Students should review the HLGU Academic Catalog for policies which govern specific general education, program, and graduation requirements.