

COMPUTER INFORMATION SYSTEMS PATHWAY, A.S.

School of Business & Professional Studies

The Associate of Science degree in Computer Information Systems (CIS) teaches students the key concepts required to apply technology to manage data and allow it to be transferred between computers connected to the same network. Students learn how to support businesses in handling how data is gathered, stored, and used through courses in computer science, communications, and business. Upon completing this degree, students are qualified for jobs in technology focusing on the practical application of data usage. This degree can be completed fully online, in person, or a combination of each and in both 8-week and 16-week class formats. This pathway facilitates transfer to other CIS, IT (Information Technology), or MIS (Management Information Systems) programs across the University System of Georgia.

In addition, students in this program can continue their education with GHC's Bachelor's of Business Administration (BBA) degrees.

To qualify for graduation, students must meet all graduation requirements (<http://catalog.highlands.edu/academic-information/#graduationrequirements>).

Code	Title	Hours	Completed
A. Essential Skills			
ENGL 1101	English Composition I	3	_____
ENGL 1102	English Composition II	3	_____
Select one of the following or a mathematics course for which one of the following is a prerequisite:		3	_____
MATH 1111	College Algebra (Strongly Recommended)		_____
MATH 1113	Precalculus		_____
B. Institutional Options			
COMM 1100	Human Communication	2-3	_____
or COMM 1110 Public Speaking			_____
Select one of the following:		2	_____
GHHU 2901	Special Topics: Humanities		_____
GHMA 2901	Special Topics: Mathematics		_____
GHSC 2901	Special Topics: Science		_____
GHSS 2901	Special Topics: Social Science		_____
C. Humanities/Fine Arts			
Select one of the following:		3	_____
ENGL 2111	World Literature I		_____
ENGL 2112	World Literature II		_____
ENGL 2121	British Literature I		_____

ENGL 2122	British Literature II		_____
ENGL 2131	American Literature I		_____
ENGL 2132	American Literature II		_____
ENGL 2135	Latino Literature		_____
ENGL 2140	African-American Literature		_____
Select one of the following:		3	_____
ARTS 1100	Art Appreciation		_____
ARTS 1111	Art History to Renaissance		_____
ARTS 1112	Art History Renaissance to Pre		_____
ENGL 2010	Humanities in Drama		_____
ENGL 2111	World Literature I		_____
ENGL 2112	World Literature II		_____
ENGL 2121	British Literature I		_____
ENGL 2122	British Literature II		_____
ENGL 2131	American Literature I		_____
ENGL 2132	American Literature II		_____
ENGL 2135	Latino Literature		_____
ENGL 2140	African-American Literature		_____
FILM 1100	Film Appreciation		_____
FILM 2700	History of Motion Pictures		_____
HUMS 2011	Studies In Humanities		_____
MUSC 1100	Music Appreciation		_____
PHIL 2010	Introduction to Philosophy		_____
RELI 1116	Intro to Religion		_____
SPAN 1001	Elementary Spanish I		_____
SPAN 1002	Elementary Spanish II		_____
SPAN 2001	Intermediate Spanish I		_____
SPAN 2002	Intermediate Spanish II		_____
THEA 1100	Theater Appreciation		_____
D. Science, Mathematics, and Technology			
Select two of the following, at least one must be a lab: ^{1,2}		7-8	_____

ASTR 1000	Introduction to the Universe	_____
ASTR 1010K	Astronomy of the Solar System	_____
ASTR 1020K	Stellar and Galactic Astronomy	_____
BIOL 1010 & 1010L	Introduction to Biology I and Introduction to Biology I Lab	_____
BIOL 1012 & 1012L	Introduction to Biology II and Introduction to Biology II Lab	_____
BIOL 1020	Plants, Society & Environment	_____
BIOL 1107K	Principles of Biology I	_____
BIOL 1108K	Principles of Biology II	_____
BIOL 2154K	General Zoology	_____
BIOL 2190	Principles of Nutrition	_____
CHEM 1151K	Survey of Chemistry I	_____
CHEM 1152K	Survey of Chemistry II	_____
CHEM 1211 & CHEM 1212L	Principles of Chemistry I and Principles of Chemistry II Lab	_____
CHEM 1212 & 1212L	Principles of Chemistry II and Principles of Chemistry II Lab	_____
ENVS 1123K	Environmental Science I	_____
ENVS 1124	Environmental Science II (lect	_____
ENVS 1124K	Environmental Science II	_____
GEOL 1121K	Physical Geology	_____
GEOL 1122K	Historical Geology	_____
NSCI 1200	Science in Society	_____
PHSC 1011K	Physical Science I	_____
PHSC 1012K	Physical Science II	_____
PHYS 1111K	Introductory Physics I	_____
PHYS 1112K	Introductory Physics II	_____
PHYS 2211K	Principles of Physics I	_____

PHYS 2212K	Principles of Physics II	_____
Select one of the following:		3-4
STAT 1401	Elementary Statistics (Strongly Recommended)	_____
MATH 1113	Precalculus	_____
MATH 2040	Applied Calculus	_____
MATH 2261	Calculus I	_____
E. Social Sciences		
POLS 1101	American Government	3
HIST 2111	American History I	3
or HIST 2112 American History II		_____
Select one of the following:		3
HIST 1111	World Civilization to 1500	_____
HIST 1112	World Civ Since 1500	_____
HIST 1121	Western Civilization I	_____
HIST 1122	Western Civilization II	_____
Select one of the following:		3
ECON 2105	Principles of Macroeconomics	_____
HIST 1111	World Civilization to 1500	_____
HIST 1112	World Civ Since 1500	_____
HIST 1121	Western Civilization I	_____
HIST 1122	Western Civilization II	_____
HIST 2111	American History I	_____
HIST 2112	American History II	_____
HIST 2154	Minorities in U.S. History	_____
HIST 2400	Economic History	_____
POLS 2401	Intro to Global Issues	_____
POLS 2501	Intro to Domestic Issues	_____
PSYC 1101	Intro to General Psychology	_____
RELI 1116	Intro to Religion	_____
SOCI 1101	Introductory Sociology	_____
SOCI 1160	Intro to Social Problems	_____

F. Courses Related to the Pathway

CSCI 1301	Computer Science I	4	_____
CSCI 1302	Computer Science II	4	_____
ACCT 2101	Principles of Accounting I	3	_____
ACCT 2102	Principles of Accounting II	3	_____
Select four hours from the following:		4	_____
CSCI 2153	Intro to Database Systems		_____
CSCI 2323	Introduction to Networking		_____
MATH 2040	Applied Calculus		_____
MATH 2261	Calculus I		_____
MATH 2262	Calculus II		_____
MATH 2280	Discrete Mathematics		_____
STAT 1401	Elementary Statistics		_____
Institutional Requirements Outside the Core			_____
PHED 1010	Concepts of Fitness/Health	2	_____
Additional two credit hours of physical education		2	_____
Total Hours		64-66	_____

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Courses with numbers ending with a K include a lab

2

Students who plan to take MATH 2040 or STAT 1401 in Area F are encouraged to take TWO lab sciences in Area D to have enough hours towards graduation.