

INFORMATION SYSTEMS MAJOR

HEIDELBERG UNIVERSITY

Planning Guide for Transfer Students with an ASSOCIATE OF ARTS or ASSOCIATE OF SCIENCE Degree

<u>INFORMATION SYSTEMS MAJOR REQUIREMENTS</u>	<u>Hours</u>	<u>TRANSFER CREDIT</u>	<u>OAN</u>	<u>HU 2.5-YEAR GUIDE</u>	<u>Hours</u>	<u>HU 2.5-YEAR GUIDE</u>	<u>Hours</u>	
Required:				<i>Use when beginning in the fall of an even-numbered year</i>		<i>Use when beginning in the fall of an odd-numbered year</i>		
CPS150 Fundamentals of Computer Science	4	All HU general education requirements are fulfilled with a completed AA or AS degree from a regionally accredited state-assisted institution of higher education in Ohio		Semester 1		Semester 1		
CPS201 Computer Programming I	3			CPS150 Fundamentals of Computer Science	4	CPS150 Fundamentals of Computer Science	4	
CPS202 Computer Programming II	3			ACC201 Financial Accounting	3	ACC201 Financial Accounting	3	
OR CPS215 Business Programming				ECO251 Principles of Microeconomics	3	ECO251 Principles of Microeconomics	3	
CPS302 Operating Systems	3			MTH115 Quantitative Reasoning (if needed)	3	MTH115 Quantitative Reasoning (if needed)	3	
CPS314 Database Management	3		To complete the Bachelor's Degree in 2.5 years at Heidelberg University, the following major requirements must be completed prior to transfer:					
CPS316 Spreadsheet Modeling	3				Semester 2		Semester 2	
CPS325 Data Comm. and Networkings	3				CPS201 Computer Programming I	3	CPS201 Computer Programming I	3
CPS341 Systems Analysis and Design (JWO)	3			No specific major courses required	CPS316 Spreadsheet Modeling	3	ACC202 Managerial Accounting	3
CPS490 Capstone Topics in Computing	1				ACC202 Managerial Accounting	3	ECO252 Principles of Macroeconomics	3
				ECO252 Principles of Macroeconomics	3	MTH210 Elementary Statistics	3	
Choose 2 courses from the following:	6			MTH210 Elementary Statistics	3	Elective	3	
CPS202 Computer Programming II		Prerequisites that must be met prior to registering for some upper level CPS courses:						
CPS215 Business Programming		COM100 Oral Communication		OCM 004	Semester 3		Semester 3	
CPS301 Computer Organization		ENG101 College Writing II		TME 002	CPS202 Computer Programming II	3	CPS202 Computer Programming II	3
CPS311 Data Structures		Placement into a college level math course		CPS314 Database Management	3	CPS302 Operating Systems	3	
CPS312 Programming Languages				CPS325 Data Comm. and Networkings	3	CPS341 Systems Analysis and Design	3	
CPS330 Web Application Development				ENG313 Technical Writing	3	ENG313 Technical Writing	3	
CPS340 System and Network Administration				Elective (300-level)	3	Elective (300-level)	3	
CPS343 Software Engineering					15		15	
CPS350 Topics in Computer Science		Additional courses that may be transferred to meet major requirements:		Semester 4		Semester 4		
		ACC201 Financial Accounting	OBU 001	CPS490 Capstone Topics in Computing	1	CPS316 Spreadsheet Modeling	3	
Allied Requirements:		ACC202 Managerial Accounting	OBU 002	MGT360 Operations Management	3	CPS490 Capstone Topics in Computing	1	
ACC201 Financial Accounting	3	ECO251 Principles of Microeconomics	OSS 004	Course from list: CPS301 or CPS330 or CPS343	3	MGT360 Operations Management	3	
ACC202 Managerial Accounting	3	ECO252 Principles of Macroeconomics	OSS 005	Course from list: CPS301 or CPS330 or CPS343	3	Course from list: CPS311 or CPS312 or CPS340	3	
ECO251 Principles of Microeconomics	3	MTH210 Elementary Statistics	TMM 010	Elective	3	Course from list: CPS311 or CPS312 or CPS340	3	
ECO252 Principles of Macroeconomics	3	MTH121 Elementary Functions	TMM 002		13		13	
ENG313 Technical Writing	3	MTH222 Calculus I	TMM 005	Semester 5		Semester 5		
MGT360 Operations Management	3	ENG313 Technical Writing	OBU 005	CPS302 Operating Systems	3	CPS314 Database Management	3	
				CPS341 Systems Analysis and Design	3	CPS325 Data Comm. and Networkings	3	
2 Math courses to include:					6		6	
MTH210 Elementary Statistics (or MTH 312)	3							
MTH ___	3							
Total Major Hours	56			Elective hours needed will vary depending on transfer credit. These hours may be used towards a second major or a minor				
				At least 1/2 of the major hours must be completed at Heidelberg.				
				Minimum of 30 hrs at the 300-level or above must be completed at 4-year institutions.				
2013-2014 Catalog								
TOTAL MINIMUM HOURS REQUIRED AT HU	60	MAXIMUM HOURS APPLIED FROM 2-YEAR INSTITUTIONS	60	TOTAL HOURS REQUIRED FOR BA/BS DEGREE			120	

Due to variations of course offerings at Ohio community colleges, only TAG courses are included in the middle column above. It is possible to receive specific credit toward a major for non-TAG courses.

This guide provides an example of how you can complete your degree in the number of semesters indicated in column 3 with the minimum transfer requirements listed in column 2. Modifications to column 3 may be necessary due to changes in HU course offerings, start terms, and transfer credit. While not a guarantee, with careful planning and working closely with an advisor, degree completion should be possible in the designated time frame.