

STEVENSON

UNIVERSITY

Transfer Plan Frederick Community College

Information Systems Management Area of Concentration within the A.S. in Computer Science

This transfer plan is intended for students pursuing the Information Systems Management Area of Concentration within the A.S. in Computer Science at Frederick Community College who are interested in pursuing a Bachelor of Science in Computer Information Systems at Stevenson University. The equivalencies below demonstrate how a student can meet both the requirements of the associate degree and prepare for a seamless transfer to Stevenson. Stevenson participates in block transfer. Any student who enters Stevenson with an A.A. or A.S. degree will have completed all general education requirements with the exception of a second composition course if not already taken.

- Only courses that have course equivalencies are displayed. This guide does not show all transferable courses from this college. It also does not display all Stevenson University courses that will fulfill a specific requirement.
- Program requirements must be completed with a grade of C or better, and general education courses must be passed with a grade of D or better.
- Stevenson participates in reverse transfer should students transfer after completing 15 credits at Frederick but before completing the full associate's degree.
- Transfer plans are intended to be used as planning tools. If you need additional assistance in selecting courses to take prior to transferring to Stevenson University, contact Stevenson Admissions at 443-352-4450.

	Frederick		Stevenson University	
Concentration Courses	CIS 201 Computer Science	4	General Elective	4
	ACCT 101 Principles of Accounting I	3	ACC 140 Financial Accounting (Business Elective)	3
	MA 201 Applied Calculus or MA 210 Calculus*	3-4	<ul style="list-style-type: none"> • Elective • MATH-220: Calculus (Elective) 	3-4
	CIS 208 C++ Programming or CIS225A, CIS225B, CIS225C, CIS225D, or CIS225E <i>SU Recommends CIS 225E</i>	3	IS-240 Programming Concepts	3
	Principles of Accounting II OR Principles of Economics II	3	ACC 141 or ECON 202	3
	CIS 203 System Analysis & Design	3	IS-170 Systems Development with UML	3
Concentration Electives	9 credits from the following: MA202, CIS111J, CIS111L, CIS111M, CIS140, CIS170, CIS179, CIS180, or any CIS 200-level course <i>SU recommends:</i> <ul style="list-style-type: none"> • <i>CIS 111M PC Operating Systems</i> • <i>CIS 180 Networking Fundamentals</i> • <i>CIS 230 Database Management Systems</i> 	9	IS-140 Information Systems Architecture and Design IS-231 Network Technologies IS-150 Relational Database Design & SQL with MS Access	9
GENERAL EDUCATION REQUIREMENTS				

	Frederick		Stevenson University	
English Composition (3 credits)	EN 101 English Composition	3	ENG 151: English Composition	3
Communications	Communications Gen Ed Course	3	<i>Communication-Intensive</i>	3
Arts	Arts Gen Ed Course	3	<i>Fine Arts requirement, depending on selection</i>	3
Humanities	Humanities Gen Ed Course: SU recommends EN 102	3	English 152: Writing about Literature	3
Biological and Physical Sciences	<ul style="list-style-type: none"> • Biological & Physical Sciences Gen Ed course: • Biological & Physical Sciences Elective (Lab course) (GenEd course list) 	7	<ul style="list-style-type: none"> • <i>Scientific Reasoning requirement</i> • <i>Scientific Reasoning—Lab requirement</i> 	7
Mathematics	MA 206 Elementary Statistics	4	<i>Mathematics Requirement</i>	4
Social and Behavioral Sciences	<ul style="list-style-type: none"> • EC 201 Principles of Economics • Social & Behavioral Sciences Gen Ed in a different discipline than Economics 	6	<ul style="list-style-type: none"> • ECON 201 • Social Science requirement 	6
PE/Health Class	PE/Health	1	Elective	1
Computer Literacy	CIS 106 Object Design & Programming	3	Elective	3
Total	61-62 Please note: A minimum of 61-62 credits is needed for the associate's degree.			

Remaining Courses

Students who complete the plan above and earn the Social Science Transfer: Psychology Concentration will take the following courses at Stevenson to meet the B.S. requirements. Students who transfer before completing the AA may have more general education and program requirements to take and fewer free electives.

General Education Requirements (0 credits)

Major Requirements (45 credits)

IS 201 Management Information Systems 3 credits

IS 260 Presentation Theory and Application 3 credits

IS 350 IS Internship 3 credits

IS 365 Writing for IS Applications 3 credits

MGT 210 Business Writing 3 credits

Take three of the following upper level courses:

IS 301 Principles of E-Commerce 3 credits

IS 320 Human-Computer Interaction 3 credits

IS 380 Information Security for the Organization 3 credits

IS 475 Special Topics in Information Systems 3 credits

IS 480 Technology Law 3 credits

OR

Network Design Track:

IS 232 TCP and IP Communication Protocols for Windows and UNIX 3 credits

IS 235 Advanced Windows Server Architecture & Administration 3 credits

IS 331 CISCO TCP and IP Routing 3 credits

IS 332 High Speed Broadband Networks 3 credits

IS 335 Wireless LANS and Mobile Communication Systems 3 credits

IS 431 Exchange Server & Messaging Systems 3 credits