Iowa Western Community College	
Associate of Arts	
Computer Science	
Application Programming	
Years 1 & 2	

Degree Requirements	Cr
Semester 1	
ENG 105 Composition I	3
CSC 110 Introduction to Computers	3
CIS 161 C++ Programming	3
CIS 171 Java Programming	3
Semester 2	
ENG 106 Composition II	3
AA Math Requirement (MAT 121 recommended)	3-4
Social Science Elective	3
CIS 164 Advanced C++	3
CIS 175 Java II	3
CIS 606 Visual BASIC.NET I	3
Semester 3	
SPC 112 Public Speaking	3
Lab Science Requirement	4
Humanities Elective	3
CIS 332 Database and SQL	3
CIS 607 Visual BASIC.NET II	3
Semester 4	
Distributed Requirement	3
Math/Science Elective (MAT 157 recommended)	3
Social Science electives	6
Humanities electives	6
Total Credits	**64**

Up to 75 credits may be applied towards graduation requirements from Iowa Western Community College. Course transfer information is available at: http://www.park.edu/registrar/documents/IowaWesternCCCourseEquivalency11.pdf

Park University	
Bachelor of Science	
Information and Computer Science	
Network and Security	
Years 3 & 4	

Liberal Education	*Cr.*
Writing Competency Test	P
EN306 Professional Writing in Discipline	3
Core Curriculum	
CS208 Discrete Mathematics	3
CS300 Technology in a Global Society	3
CS321 Web Programming I	3
CS365 Computer Networking	3
CS373 Computer Networking Security	3
IS205 Managing Information Systems	3
IS361 Data Management Concepts	3
Networking and Security Specialty	
CS220 Computer Architecture	3
CS351 Computer Operating Systems	3
CS366 Computer Networking Lab	1
CS371 Internetworking	3
CS372 Advanced Networking	3
CS385 Modern Developments in Computer Networking	3
IS315 Computer Systems Analysis & Design I	3
MG352 Principles of Management	3
MG365 Organizational Behavior	3
CS/IS Elective 300 level or higher OR AR427 Web Page Design	3
Free Electives **(3 credits must be 300 level or higher**	**4**
Credits	**56**
Total Credits Required	**120**

2012-2013