

Northern Virginia Community College
Associate of Science
Computer Science
Years 1 & 2

General Education Requirements	Cr.
1st Semester	
CSC200 Intro to Computer Science	4
ENG111 College Composition I	3
MTH173 Calculus w/ Analytic Geometry I	5
Social Science Elective (ECO, GEO, PLS, PSY, SOC)	3
SDV100 College Success Skills	1
2nd Semester	
CSC201 Computer Science I	4
ENG112 College Composition II	3
MTH174 Calculus w/ Analytic Geometry II	5
Social Science Elective (ECO, GEO, PLS, PSY, SOC)	3
3rd Semester	
CSC202 Computer Science II	4
CST110 Intro to Communication	3
Physical or Life Science Elect. w/ lab (BIO, CHM, ENV, GOL, NAS, PHY)	4
PED116 Lifetime Fitness & Wellness	1
Social Science Elective (ECO, GEO, PLS, PSY, SOC)	3
4th Semester	
CSC205 Computer Organization	3
General Education Elective	1
Humanities/Fine Arts Elective (ART, HUM, MUS, PHI, REL, FL)	6
Physical or Life Science Elect. w/ lab (BIO, CHM, ENV, GOL, NAS, PHY)	4
Total Credit Hours @ NVCC	60

The following courses taken as electives at NVCC will fulfill part of the degree core at Park University. Courses highlighted in yellow.

CSC201= CS151

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

Liberal Education	Cr.
EN306 Professional Writing in Discipline	3
Upper Division	3
General Electives	0-4
Degree Core	
CS151 - Completed @ NVCC	
CS208 Discrete Mathematics	3
CS219 - Completed @ NVCC	
CS225 Programming Concepts	3
CS300 Technology in a Global Society	3
CS321 Web Programming I	3
CS365 Computer Networking	3
CS373 Computer Network Security	3
IS205 Managing Information Systems	3
IS361 Data Management Concepts	3
MA120 Basic Concepts of Statistics	3
MA135 or higher - Completed @ NVCC	
Choose Specialty Area	23-27
Computer Science Emphasis	
CS220 - Completed @ NVCC	
CS305 Introduction to Artificial Intelligence (3 cr.)	
CS322 Web Programming II (3 cr.)	
CS351 Computer Operating systems (3 cr.)	
CS352 Data Structures (3 cr.)	
MA221 - Completed @ NVCC	
MA311 Linear Algebra (3 cr.)	
Software Engineering	
AC201 Principles of Financial Accounting (3 cr.)	
CS220 - Completed @ NVCC	
CS314 User Interface Design (3 cr.)	
CS322 Web Programming II (3 cr.)	
CS351 Computer Operating systems (3 cr.)	

CSC202= CS219

CSC205= CS220

MTH173= MA221

MTH174= MA222

Please visit following link for a detailed course equivalency list:

<http://www.park.edu/%5C/registrar/course-equivalency.html>

* Students bringing in an AA or AS degree will have fulfilled the liberal learning requirements at Park University, with the exception of EN306 (or it's equivalent)

CS352 Data Structures (3 cr.)	
IS315 Computer Systems Analysis & Design I (3 cr.)	
MG371 Mgmt. & Organizational Behavior (3 cr.)	
CS/IS Elective (3 cr.)	
Data Management	
AC201 Principles of Financial Accounting (3 cr.)	
CS314 User Interface Design (3 cr.)	
CS352 Data Structures (3 cr.)	
IS315 Computer Systems Analysis & Design I (3 cr.)	
IS361 Applied Database Management (3 cr.)	
MG371 Mgmt. & Organizational Behavior (3 cr.)	
Select from 3 of following:	
AC202; CA104; CS322; EC315; HR422; IS316; MK351, 385, 453 (9 cr.)	
Networking & Security	
CS220 Computer Architecture (3 cr.)	
CS351 Computer Operating systems (3 cr.)	
CS366 Computer Networking Lab (1 cr.)	
CS371 Internetworking (3 cr.)	
CS372 Advanced Networking (3 cr.)	
CS385 Modern Developments in Adv. Net. (3 cr.)	
CS352 Data Structures (3 cr.)	
MG371 Mgmt. & Organizational Behavior (3 cr.)	
Select 6 credits from following	
AR327 or an 3 credit hr. CS/IS course level 300 or above that is not required in this area	
Credits @ Park	60
Total Credits Required	120

Up to 75 credits from NVCC may be applied towards Graduation requirements at Park University. Residency

requirement of 30 hrs. at Park w/ 15 hrs. in major core.

2015-2016