



The sequence below is contingent upon the student completing the A.S. degree from a North Carolina Community College

Fayetteville State University's Curriculum Plan reflects the **Bachelor of Science in Computer Science** and requirements published in the 2015-2016 Undergraduate Catalog. Some courses listed below may be taken in an alternate year and order. Students are responsible for meeting all applicable pre-requisites. Prior credit, course availability, and student needs must be considered in developing the individual plan.

Semester	NCCC Course	Credits	FSU Equivalent
1	ACA 122	1	UNIV 110
	ENG 111	3	ENGL 110
	UGETC Hum/Fine Arts Elective	3	
	UGETC Math: MAT 171 <sup>1</sup>	4	MATH 129
	Gen Ed Elective: COM 231 <sup>1</sup>	3	BADM 215
	Gen Ed Elective: HUM 115 (recommended) <sup>1</sup>	3	PHIL 110
		17	

Semester	FSU Courses	Credits	Requirement Type
5	CSC 130	3	MAJOR COURSE <sup>2</sup>
	MATH 150	3	MATHEMATICS AND STATISTICS
	MATH 241	4	MATHEMATICS AND STATISTICS
	MATH 251	3	MATHEMATICS AND STATISTICS
	Major elective <sup>2</sup>	3	MAJOR ELECTIVE
		16	

Semester	NCCC Course	Credits	FSU Equivalent
2	ENG 112	3	ENGL 120
	UGETC Hum/Fine Arts Elective	3	
	UGETC Natural Science Elective: BIO 111 OR CHM	4	BIOL 150 or CHEM
	UGETC Social/Behavioral: ECO 252 <sup>1</sup>	3	ECON 212
	Other Elective: MAT 172 (recommended) <sup>1</sup>	4	MATH 130
		17	

Semester	FSU Courses	Credits	Requirement Type
6	CSC 201	3	MAJOR COURSE
	CSC 207	3	MAJOR COURSE
	CSC 220	3	MAJOR COURSE
	CSC 200, 300, OR 400 level	3	MAJOR COURSE
	Major elective <sup>2</sup>	3	MAJOR ELECTIVE
	Science Elective <sup>2</sup>	4	SCIENCE ELECTIVES
		19	

Semester	NCCC Course	Credits	FSU Equivalent
3	Social/Behavioral Elective	3	
	Other Elective (PE recommended)	2	
	Other Elective: CIS 115 (recommended) <sup>1</sup>	3	CSC 105
	Other Elective: UGETC Math MAT 152 (recommended) <sup>1</sup>	4	STAT 202
	General Ed Elective: MAT 271 (recommended) <sup>1</sup>	4	MATH 142
		16	

Semester	FSU Courses	Credits	Requirement Type
7	CSC 202 or CSC 204	3	MAJOR COURSE
	CSC 350	2	MAJOR COURSE
	CSC 300 OR 400 level	3	MAJOR COURSE
	CSC 403	1	MAJOR COURSE
	CSC 431	3	MAJOR COURSE
	CSC 470	3	MAJOR COURSE
		15	

Semester	NCCC Course	Credits	FSU Equivalent
4	UGETC Hum/Fine Arts Elective	3	
	UGETC Social/Behavioral: ECO 251 <sup>1</sup>	3	ECON 211
	General Ed Elective: UGETC Natural Science <sup>1</sup> BIO	4	BIOL 150 or CHEM
	Other Elective: CSC 134 Or CSC 151(recommended) <sup>1</sup>	3	CSC 120
		13	

Semester	FSU Courses	Credits	Requirement Type
8	CSC 303	3	MAJOR COURSE
	CSC 320	3	MAJOR COURSE
	CSC 322	3	MAJOR COURSE
	CSC 400 level	3	MAJOR COURSE
	CSC 490	3	MAJOR ELECTIVE
	Elective <sup>2</sup>	3	ELECTIVES
		18	

Notes: <sup>1</sup>Courses recommended in order to complete the requirements for Bachelor of Science in Computer Science

<sup>2</sup> For course listings, refer to Undergraduate Catalog

**UNIVERSAL GENERAL EDUCATION TRANSFER COMPONENT**

(All Universal General Education Transfer Component courses will transfer for equivalency credit.)

**English Composition (6 SHC)**

*The following two English composition courses are required.*

ENG 111 Writing & Inquiry (3 SHC)

ENG 112 Writing/Research in the Disciplines (3 SHC)

*Select two courses from the following from at least two different disciplines (6 SHC)*

**Communications**

COM 231 Public Speaking (3 SHC)

**Humanities/Fine Arts**

ART 111 Art Appreciation (3 SHC)

ART 114 Art History Survey I (3 SHC)

ART 115 Art History Survey II (3 SHC)

ENG 231 American Literature I (3 SHC)

ENG 232 American Literature II (3 SHC)

MUS 110 Music Appreciation (3 SHC)

MUS 112 Introduction to Jazz (3 SHC)

PHI 215 Philosophical Issues (3 SHC)

PHI 240 Introduction to Ethics (3 SHC)

**Social/Behavioral Sciences (6 SHC)**

*Select two courses from the following from at least two different disciplines:*

ECO 251 Principles of Microeconomics (3 SHC)

ECO 252 Principles of Macroeconomics (3 SHC)

HIS 111 World Civilization I (3 SHC)

HIS 112 World Civilization II (3 SHC)

HIS 131 American History I (3 SHC)

HIS 132 American History II (3 SHC)

POL 123 American Government (3 SHC)

PSY 150 General Psychology (3 SHC)

SOC 210 Introduction to Sociology (3 SHC)

**Math (8 SHC)**

*Select two courses from the following:*

MAT 171 Pre-calculus Algebra (4 SHC)

MAT 172 Pre-calculus Trigonometry (4 SHC)

MAT 263 Brief Calculus (4 SHC)

MAT 271 Calculus I (4 SHC)

**Natural Sciences (8 SHC)**

*Select 8 SHC from the following course (s):*

AST151 General Astronomy I (3 SHC) and AST 151A General Astronomy Lab I (1 SHC)

BIO 110 Principles of Biology (4 SHC)

BIO 111 General Biology I (4SHC) and BIO 112 General Biology II (4 SHC)

CHM 151 General Chemistry I (4 SHC) and CHM 152 General Chemistry II (4 SHC)

GEL 111 Introductory Geology(4 SHC)

PHY 110 Conceptual Physics I (3 SHC) and PHY 110A Conceptual Physics Lab(1 SHC)

PHY 151 College Physics I (4 SHC) and PHY 152 College Physics II (4 SHC)

PHY 251 General Physics I (4 SHC) and PHY 252 General Physics II(4 SHC)

**ADDITIONAL GENERAL EDUCATION HOURS (11 SHC)**

An additional 11 SHC of courses should be selected from courses classified as general education within the Comprehensive Articulation Agreement. Students should select these courses based on their intended major and transfer university.

**Total General Education Hours Required: 45****OTHER REQUIRED HOURS (15 SHC)****Academic Transition (1 SHC)**

*The following course is required:*

ACA 122 College Transfer Success (1 SHC)