Fayetteville State University — Computer Science, BS
Four-Year Degree Plan

Catalog: 2017-2018   **Plan Type:** NC Community College Transfer-AS   **Last Update:** 2/23/2018

This Plan illustrates how students who begin as transfers from North Carolina community colleges can meet degree course requirements in four years. Some courses listed below may be taken in an alternate order. Consider prerequisites, prior credit, course availability, and student needs in developing the individual plan.   For information about prerequisites and other program requirements, consult the appropriate Catalog Program of Study and an advisor.

Year/Term	Course/Requirement	Cr	Pre	Req	Note/Equivalent
Year 1 Fall	**Community College**	**14**			
ACA 122 - College Transfer Success		1	C	1.11	UNIV 110
ENG 111 - Writing and Inquiry		3	C	2.11	ENGL 110
UGETC: Comm/Hum		3	C	2.23	Humn Creative Arts
MAT 171 - Precalculus Algebra		4	C	3.22	MATH 129
CSC 105 ???		3	C	9.11	
Year 2 Fall	**Community College**	**17**			
UGETC: Comm/Hum		3	C	2.23	Humn Creative Arts
UGETC: Natural Sci AS		4	C	5.12	Natural Sci
GEN ED: Addl - MAT 271*		4	C	8.2	MATH 142
CSC 130???		3	C	9.11	
MAT 167 - Discrete Mathematics		3	C	9.11	MATH 150
Year 3 Fall	**Fayetteville State**	**15**			
Global Lit Not needed		3	C	7	
CSC 200 or higher		3	C	9.1	
CSC 202 - Programming in C		3	Y	9.1	
CSC 207 - Logic Programming		3	Y	9.1	
CSC 431 - Prin Operating Systems		3	Y	9.1	
Year 4 Fall	**Fayetteville State**	**13**			
CSC 350 - Service Learning		2	Y	9.1	
CSC 403 - Social/Eth & Prof Issues		1	Y	9.1	
CSC 470 - Software Engineering		3	Y	9.1	
Major Elective or CSC 200 or higher		3	C	9.2	
Science Elective		4	C	9.21	
Degree Total:		**122**			

Year/Term	Course/Requirement	Cr	Pre	Req	Note/Equivalent
Year 1 Spring	**Community College**	**19**			
ACA 122 - College Transfer Success		1	C	1.11	UNIV 110
ENG 112 - Writing/Research in the Disc		3	C	2.11	ENGL 120
MAT 172 - Precalculus Trigonometry		4	C	3.22	MATH 130
UGETC: Natural Sci AS		4	C	5.12	Natural Sci
CSC 120T - Computing Fundamentals I		4	C	9.11	CSC 120
MAT 167 - Discrete Mathematics		3	C	9.11	MATH 150
Year 2 Spring	**Community College**	**17**			
UGETC: Comm/Hum		3	C	2.23	Humn Creative Arts
GEN ED: Addl - MAT 152*		4	C	8.2	STAT 202
GEN ED: Addl - MAT 272*		4	C	8.2	MATH 241
CSC 201???		3	C	9.11	
CSC 249???		3	C	9.11	
Year 3 Spring	**Fayetteville State**	**15**			
Core Social Sci Not needed		3	N	5.2	
CSC 200 or higher		3	C	9.1	
CSC 303 - Computer Org & Architecture II		3	Y	9.1	
CSC 320 - Design and Analysis of Algorit		3	Y	9.1	
CSC 322 - Programming Languages		3	Y	9.1	
Year 4 Spring	**Fayetteville State**	**12**			
CSC 200 or higher		3	C	9.1	
CSC 490 - Senior Project		3	Y	9.1	
Major Elective		3	C	9.2	
Free Elective		3	C	11	

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Requirements/Notes

Pre.   Prerequisite: Y (Yes) - Course/Requirement has prerequisite(s). N (No) - Course/Requirement has no prerequisite. C (Check) - Some courses satisfying   requirement have prerequisites and/or courses have non-prerequisite restrictions. Check Catalog for details.

*   Recommended. For transfer courses, following recommendations will reduce or eliminate the need to take additional courses at FSU.   For FSU courses, following recommendations will optimize the student's educational experience. If in doubt, consult an advisor.

UGETC. Universal General Education Transfer Component course.   Accepted as satisfying a general education requirement under the Comprehensive Articulation Agreement.

1.11.   Transfer Success. ACA 122.

2.11.   UGETC: English Comp. ENG 111 And ENG 112.

2.23.   UGETC: Comm/Hum. COM 231 Or ART 111 Or ART 114 Or Art 115 Or ENG 231 Or ENG 232 Or ENG 241 Or ENG 242 Or MUS 110 Or MUS 112 Or PHI 215 Or PHI 240.

3.22.   UGETC: Math AS. MAT 171 Or MAT 172 Or MAT 263 Or MAT 271 Or MAT 272.

5.12.   UGETC: Natural Sci AS. AST 151 And AST 151A Or BIO 110 Or BIO 111 And BIO 112 Or CHM 151 And CHM 152 Or GEL 111 Or PHY 110 And PHY 110A Or PHY 151 And PHY 152   Or PHY 251 And PHY 252.

5.2.   Social Sci. CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 210 Or POLI 220 Or PSYC 210 Or SOCI 210.

7.   Global Literacy. ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or GLBL 200 Or   HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120. Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.

8.2.   GEN ED: Addl. Choose courses classified as general education under the Comprehensive Articulation Agreement. May include additional UGETC courses.

9.1.   Computer Science. CSC 105 And CSC 120 And CSC 130 And CSC 201 And CSC 207 And CSC 220 And CSC 303 And CSC 320 And CSC 322 And CSC 350 And CSC 403 And CSC 431 And CSC 470 And CSC 490 And three credits from CSC 200 or higher And three credits from CSC 300 or higher And three credits from CSC 400 or higher And select one from the following: CSC 202 Or CSC 204.

9.11.   Pre-Major/Elective Major courses that can be taken at the community college.

9.2.   Major Elective. Select one from MATH 242, MATH 260, MATH 300 or higher, PHYS 200 or higher, or STAT 300 or higher. Select one from CSC 300 or higher, GEOG 320, GEOG 325, MATH 242, MATH 260, MATH 300 or higher, PHYS 200 or higher, or STAT 300 or higher. Students must complete GEOINT certificate program to have GEOG 320 or GEOG 325 counted towards computer science major requirements..

9.21.   Science Elective. Four credits in addition to core requirements from the following: BIOL 150 Or BIOL 150L Or BIOL 160 Or BIOL 160L Or BIOL 200 Or CHEM 141 Or CHEM 142 Or CHEM 161 Or CHEM 162 Or CHEM 220 Or CHEM 221 Or PHYS 125 Or PHYS 125L Or PHYS 126 Or PHYS 126L Or PHYS 211 Or PHYS 212 Or ZOOL 200.

11.   Free Elective.