



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

Semester	NCCC Course	Credits	FSU Equivalent
1	ACA 122	1	UNIV 110
	UGETC English Composition: ENG 111	3	ENGL 110
	UGETC Humanities / Fine Arts Elective	3	
	UGETC Math: MAT 171 ¹	4	MATH 129
	Gen Ed Elective: HUM 115 (recommended) ¹	3	PHIL 110
		14	

2	UGETC English Composition: ENG 112	3	ENGL 120
	UGETC Math: MAT 172 ¹	4	MATH 130
	UGETC Natural Science: CHEM 151 ¹	4	CHEM 141/142
	UGETC Social / Behavioral Sciences Elective	3	
	Gen Ed Elective: HEA 110; PED 110—PED 155	2	
		16	

3	UGETC Natural Science: CHEM 152 ¹	4	CHEM 161/162
	Gen Ed Elective: MAT 271 ¹	4	MATH 142
	UGETC Social / Behavioral Sciences Elective	3	
	UGETC Communications: COM 231 ¹	3	SPEE 200
			14

4	General Ed Elective: BIOL 111 ¹	4	BIOL 150
	Gen Ed Elective: MATH 272 ¹	4	MATH 241
	Gen Ed Elective: PHY 251 ¹	4	PHYS 121
	Gen Ed Elective: CHEM 263 ¹	5	CHEM 211/212
		17	

Notes: ¹Courses recommended in order to complete the requirements for Bachelor of Science in Chemistry. ²For course listings, refer to Undergraduate catalog.

Fayetteville State University's Curriculum Plan reflects the **Bachelor of Science in Chemistry** courses 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	FSU Courses	Credits	Requirement Type
5	CHEM 223—Organic Chemistry I Lecture	3	
	CHEM 224—Organic Chemistry I Lab	1	
	CHEM 310—Instrumental Analysis	4	
	MATH 242—Calculus with Analytic Geometry III	4	
	PHYS 122—College Physics II	4	
		16	

Semester	FSU Courses	Credits	Requirement Type
6	CHEM 225—Organic Chemistry II Lecture	4	
	CHEM 226—Organic Chemistry II Lab	1	
	CHEM 410—Chemical Literature and Seminar	1	
	PHYS 123—College Physics III	2	
	CHEM 313—Physical Chemistry I	3	
	MATH/Science Elective ²	3-4	
		14-15	

Semester	FSU Courses	Credits	Requirement Type
7	CHEM 314—Physical Chemistry II	3	
	CHEM 325—Physical Chemistry Lab	3	
	BICH 411—Biochemistry I	3	
	MATH/Science Elective ²	3-4	
	Chemistry Elective ²	3	
		15-16	

Semester	FSU Courses	Credits	Requirement Type
8	CHEM 421—Inorganic Chemistry	3	
	CHEM 490—Research and Ethics	4	
	Chemistry Elective ²	3	
	MATH/Science Elective ²	3-4	
		13-14	

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)