

Fayetteville State University

Chemistry with a concentration in Chemistry Entrepreneurship, BS

Four-Year Degree Plan

Catalog: 2018-2019

Type: Community College Transfer - AS

Last Update: 10/17/2018

This Plan illustrates how students who earn an Associate's degree from a NC community college 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. Courses fulfilling requirements are listed on the reverse. 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	15			
	ACA 122 - College Transfer Success	1	C	1.1	UNIV 110
	ENG 111 - Writing and Inquiry	3	C	2.1	ENGL 110
	UGETC: Comm/Hum	3	C	2.2	Humn Creative Arts
	MAT 171 - Precalculus Algebra	4	C	3.22	MATH 129
	BIO 111 - General Biology I	4	C	8.2	BIOL 150

Year 2 Fall	Community College	17			
	UGETC: Comm/Hum - COM 231*	3	C	2.2	SPEE 200
	CHM 152 - General Chemistry II	4	C	5.12	CHEM 161
	UGETC: Soc/Behav Sci	3	C	5.2	Social Sci
	GEN ED: Addl - ECO 252*	3	C	8.2	ECON 211
	MAT 271 - Calculus I	4	C	8.2	MATH 142

Year 3 Fall	Fayetteville State	17			
	CHEM 200 - Chem Lit Search and Analysis	2	Y	9.1	
	CHEM 211 - Analytical Chemistry Lecture	3	Y	9.1	
	CHEM 211L - Analytical Chemistry Lab	1	Y	9.1	
	CHEM 225 - Organic Chemistry II	3	Y	9.1	
	CHEM 225L - Organic Chemistry II Lab	1	Y	9.1	
	PHYS 126 - College Physics II	3	Y	9.4	PHY 252
	PHYS 126L - College Physics Lab II	1	Y	9.4	
	MKTG 311 - Principles of Marketing	3	Y	10	MKT 120

Year 4 Fall	Fayetteville State	14			
	BADM 220 - Ethics and Citizenship in the Contemporary World	3	N	8	BUS 240
	CHEM 315 - Physical Chemistry for Life Sciences	3	Y	9.1	
	CHEM 491 - Research II	2	Y	9.1	
	Chemistry Elective	3	C	9.2	
	ENTR 312 - Entrepreneurial Marketing	3	Y	10	

Degree Total: 120

Year/Term	Course/Requirement	Cr	Pre	Req	Note/Equivalent
Year 1 Spring	Community College	14			
	ENG 112 - Writing/Research in the Disc	3	C	2.1	ENGL 120
	MAT 172 - Precalculus Trigonometry	4	C	3.22	MATH 130
	CHM 151 - General Chemistry I	4	C	5.12	CHEM 141
	UGETC: Soc/Behav Sci	3	C	5.2	Social Sci

Year 2 Spring	Community College	16			
	ACC 120 - Prin of Financial Accounting	4	C	9.11	ACCT 211
	CHM 251 - Organic Chemistry I	4	C	9.11	CHEM 223T
	MAT 272 - Calculus II	4	C	9.11	MATH 241
	PHY 251 - General Physics I	4	C	9.11	PHYS 121

Year 3 Spring	Fayetteville State	15			
	BICH 411 - Biochemistry I	3	Y	9.1	CHM 271
	CHEM 311 - Instrumental Analysis Lecture	3	Y	9.1	
	CHEM 311L - Instrumental Analysis Lab	2	Y	9.1	
	CHEM 390 - Research I	1	N	9.1	
	ENTR 300 - Entrepr Thinking&Creativity	3	N	10	
	ENTR 301 - Entrepreneurship and New Venture Creation	3	Y	10	

Year 4 Spring	Fayetteville State	12			
	CHEM 421 - Inorganic Chemistry	3	Y	9.1	
	CHEM 499 - Chemistry Capstone	3	Y	9.1	
	Entrepreneurship Elective	3	C	9.3	
	ENTR 415 - Entrepreneurial Finance	3	N	10	

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 at any UNC institution.

1.1. Transfer Success. ACA 122 .

2.1. UGETC: English Comp. ENG 111 Or ENG 112 .

2.2. 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. MAT 171 Or MAT 172 Or MAT 263 Or MAT 271 Or MAT 272 .

5.12. UGETC: Natural Sci. 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. UGETC: Soc/Behav Sci .

8. Ethics Civic Engage. BADM 220 Or COHE 200 Or CRJC 203 Or EDUC 211 Or ENEC 210 Or ENGL 232 Or ENGL 233 Or ETCE 101 Or ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or HIST 211 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 110 Or POLI 150 Or SPTM 210 Or SWRK 220 . Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived.

8.2. GEN ED: Addl .

9.1. Chemistry Courses. BICH 411 And CHEM 200 And CHEM 211 And CHEM 211L And CHEM 223 And CHEM 223L And CHEM 225 And CHEM 225L And CHEM 311 And CHEM 311L And CHEM 315 And CHEM 390 And CHEM 421 And CHEM 491 And CHEM 499 .

9.11. Pre-Maj/Elec .

9.2. Chemistry Elective. BICH 412 Or CHEM 400 Or CHEM 422 Or CHEM 423 Or CHEM 424 Or CHEM 430 Or CHEM 431 Or MATS 301 Or MATS 311 Or MATS 321 Or MATS 360 Or MATS 423 Or MATS 460 .

9.3. Entrepreneurship Elective. Select one from the following: ENTR 303 Or MGMT 420 Or MGMT 421 Or MGMT 425 Or MGMT 450 Or MKTG 333 Or MKTG 421 .

9.4. Correlative Requirements. BIOL 150 And BIOL 150L And MATH 130 And MATH 142 And MATH 241 And PHYS 125 And PHYS 125L And PHYS 126 And PHYS 126L .

10. Concentration. ACCT 211 And ENTR 300 And ENTR 301 And ENTR 312 And ENTR 415 And MKTG 311 .