

Bachelor of Science in Biology
Biotechnology & Molecular Biology Concentration
Transfer Curriculum Planning Guide and Degree Audit Worksheet
Fayetteville State University
(2019-2020)

University College Core Curriculum (General Education - 39 Credits)	Course Number ¹	Cr.	FSU Equivalent
Transitional Studies – University Studies (2 Credits) <i>Select one option from (UNIV 101/102) or UNIV 110 or UNIV 111 or UNIV 112</i>	ACA 122 (1 cr.)	2	Waived with 30 credit hours ²
Transitional Studies – Life Skills (2 Credits) <i>Select two credits from the following: ENTR 100 or FINC 100 or GEOG 110 or HEED 112 or HEED 113 or PEDU 101 or PEDU 107 or PEDU 112 or PEDU 120 or PEDU 122 or PEDU 130 or PEDU 132 or PEDU 140</i>	HEA 110 or any PED course	2	Waived with AA/AS, NOT with AAS/AGE ^{2,3}
Communication Skills – Written Communication (3 Credits) – ENGL 110	ENG 111	3	ENGL 110
Information Literacy (3 Credits) – ENGL 120	ENG 112	3	ENGL 120
Communication Skills – Oral Communication (3 Credits) <i>SPEE 200 Or BADM 215</i>	COM 231	3	SPEE 200 BADM 215
Reasoning Skills – Critical Thinking (3 Credits) <i>Select one from the following: PHIL 110 or PHIL 220</i>	HUM 115	3	Waived with 60 credit hours ²
Reasoning Skills – Quantitative Reasoning (3 Credits) <i>Select one from the following: MATH 129 or MATH 130 or MATH 131</i>	MAT 171 or higher	3	MATH 129 or higher
Scientific Literacy – Natural Sciences (7-8 Credits)⁴ <i>Select from the following: BIOL 150 and BIOL 150L And BIOL 160 And BIOL 160L</i>	BIO 111	4	BIOL 150 and 150L
	BIO 112	4	BIOL 160 and 160L
Scientific Literacy – Social Sciences (3 Credits) <i>CRJC 210 or ECON 211 or ECON 212 or GEOG 210 or HIST 212 or HIST 271 or POLI 200 or POLI 210 or POLI 220 or POLI 270 or PSYC 210 or SOCI 210</i>	Social science elective	3	
Humanities and Creative Arts (3 Credits) <i>Select one from the following: ART 210 or COMM 220 or ENGL 220 or ENGL 223 or ENGL 240 or ENGL 250 or ENGL 253 or HIST 210 or HUMN 211 or HUMN 212 or MUSI 210 or MUSI 225 or MUSI 260 or PHIL 210 or RELI 215 or THEA 203</i>	Hum/Fine Arts elective	3	
Global Literacy (3 Credits)⁵ <i>Select one from the following: 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 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 SPAN 211 or THEA 242 or YORU 110 or YORU 120</i>	Foreign language or Global literacy course	3	Waived with AA/AS, NOT with AAS/AGE ²
Ethics and Civic Engagement (3 Credits) <i>Select three credits from the following: BADM 220 or CRJC 203 or EDUC 211 or ENEC 210 or ENGL 232 or ENGL 233 or (ETCE 101/102/103) or ETCE 200 or GEOG 270 or HCM 200 or HIST 211 or PHIL 120 or PHIL 212 or PHIL 250 or PNUR 210 or POLI 150 or SPTM 210 or SWRK 220</i>	EDUC 216	3	EDUC 211

Notes

- 1 Courses are for the North Carolina Community College (NCCC) system. Other courses may satisfy requirement.
- 2 Students do not earn credit if any requirement is waived. All students must earn at least 120 credits to graduate.
- 3 NCCC Associate in Arts (AA), Associate in Science (AS), Associate in Applied Science (AAS), Associate in General Education (AGE). Per NC Comprehensive Articulation Agreement, NCCC graduates with AA or AS have completed FSU general education requirements. NCCC general education courses not used for core may be applied to free electives or used to reach 120 credits. AAS, AFA, and other specific degrees may be governed by articulation agreements.
- 4 At least one Natural Science class must include a lab.
- 5 Not required for students with 30 or more transfer credits from a foreign institution. Students do not earn credit if requirement is waived.

Program Requirements (81 Credits)	Course Number	Cr.	FSU Equivalent
Required Major Courses (62 Credits) <i>(BIOL 200 And BIOL 200L) And BIOL 225 And BIOL 320 And (BIOL 330 And BIOL 330L) And (BOTN 210 And BOTN 210L) And BIOL 400 And (ZOO 200 And ZOO 200L) And (ZOO 310 And ZOO 310L) And BTCH 210 And BTCH 220 And BTCH 230 And (BTCH 360 And BTCH 360L) Or (BIOL 325 And BIOL 325L) And BTCH 490 Or BIOL 499 And (CHEM 141 And CHEM 141L) And (CHEM 161 And CHEM 161L) And (PHYS 115 And PHYS 125L) And (PHYS 116 And PHYS 126L).</i>	BIO 265	4	BIOL 200/200L
			BIOL 225
			BIOL 320
	BIO 275	4	BIOL 330/330L
		4	BOTN 210/210L
		3	BIOL 400
	BIO 130	4	ZOO 200/200L
	BIO 250	4	ZOO 310/310L
	BIO 280	4	BTCH 210
		31	
Required Concentration Electives (16 Credits) <i>(BIOL 410 And BIOL 410L) Or (BICH 411 And BICH 421), BIOL 430 Or BTCH 450, BTCH 310, BTCH 320, (BTCH 340 And BTCH 340L), BTCH 350, (BTCH 360 And BTCH 360L) Or (BIOL 325 And BIOL 325L), BTCH 410, BTCH 425, (BTCH 435 And BTCH 435L), BTCH 440, (BTCH 460 And BTCH 460L), BTCH 490 Or BIOL 499.</i>		16	
Other Required Courses (3 Credits)			
<i>MATH 130 Or Higher</i>		3	
Waived Core Requirements <i>The credits in this area increase as requirements are waived without credit in the university core – typically 7 credits to equal 120 credits overall; add extra lines as needed.</i>			
Total Credits		120	
Transfer Credits			