

Fayetteville State University Bachelor of Science in Biology
Four-Year Degree Plan

Catalog: 2016-2017

Last Update: 6/2/2017

With advisor approval, some courses listed below may be taken in an alternate semester and order. Courses that fulfill requirements are on the reverse side of this Plan. The advisor and student must consider prior credit, prerequisites, course availability, other program requirements, and student needs in developing the individual plan. Consult the appropriate Catalog for more information.

Course/Requirement	Cr	Prereq	Notes	Course/Requirement	Cr	Prereq	Notes
Year 1 Term 1				Year 1 Term 2			
UNIV 101, Freshman Seminar I	1	No	1	UNIV 102, Freshman Seminar II	1	No	1
Core Transitional Life Skills	2	No		BADM 215 Or SPEE 200	3	Yes	
ENGL 110, English Composition I	3	No		PHIL 110 Or PHIL 220	3	No	2
MATH 129 Or higher	3	Yes	3	ENGL 120, English Composition II	3	Yes	
Core Social Science	3	Check		BIOL 150, Principles of Biology	4	Yes	4
Core Humanities Creative Arts	3	Check		MATH 130, Precalculus Mathematics II	3	Yes	
Term Total	15			Term Total	17		
Year 2 Term 1				Year 2 Term 2			
BIOL 160, Principles of Biology II	4	Yes	4	ZOOL 200, General Zoology	4	Yes	
Core Global Literacy - Foreign Language	3	Check	5	CHEM 161, General Chemistry II Lecture	3	Yes	6
Core Ethics Civic Engagement	3	Check	2	CHEM 162, General Chemistry II Lab	1	Yes	6
CHEM 141, General Chemistry I Lecture	3	Yes	6	BIOL 200, Cellular Biology	4	Yes	
CHEM 142, General Chemistry I Lab	1	Yes	6	Foreign Language	3	Check	7
Major Elective	3	Yes		Term Total	15		
Term Total	17						
Year 3 Term 1				Year 3 Term 2			
PHYS 111, General Physics I	4	Yes	6	PHYS 112, General Physics II	4	Yes	6
BOTN 210, General Botany	4	Yes		ZOOL 310, Principles of Genetics	4	Yes	
BIOL 330, Microbiology & Immunology	4	Yes		Major Elective	4	Yes	
BIOL 320, Biology Seminar	1	No		Major Elective	4	Yes	
Term Total	13			Term Total	16		
Year 4 Term 1				Year 4 Term 2			
ZOOL 370, Vertebrate Physiology	4	Yes		ZOOL 430, Animal Development	4	Yes	
BIOL 350, Ecology/ Evolution	4	Yes		BIOL 499, Senior Capstone Experience	4	Yes	
Major Elective	4	Yes		Major Elective	4	Yes	
Major Elective	4	Yes		Major Elective	3	Yes	
Term Total	16			Term Total	15		

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

- UNIV 101-102 required for first time students; UNIV 110 for transfers with fewer than 30 transfer credits. No credit earned if waived. UNIV 111 may be required based on academic performance.
- Not required for students with 60+ transfer credits. No credit earned if waived.
- MATH 121 may be required based on profile scores. Some core courses require a one-hour lab.
- At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits.
- Not required for students with 30+ transfer credits from a foreign institution. No credit earned if waived.
- Must be different from choice in the core.
- Must be the same foreign language as in the core.

Degree Requirements

Bachelor of Science in Biology

Catalog 2016-2017

Requirement: Courses	Pr	Cr
Core		
Transitional UNIV: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	No	2
Transitional Life Skills: ENTR 100 Or FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PEDU 140	No	2
Written Communication: ENGL 110	No	3
Oral Communication: BADM 215 Or SPEE 200	Yes	3
Critical Thinking: PHIL 110 Or PHIL 220	No	3
Quantitative Reasoning: MATH 129 Or MATH 130 Or MATH 131 Or MATH 140 Or higher MATH	Yes	3
Information Literacy: ENGL 120	Yes	3
Natural Science: BIOL 150 And BIOL 160	Yes	8
Social Science: 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	Check	3
Humanities Creative Arts: 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	Check	3
Global Literacy: CHIN 110 Or CHIN 120 Or FREN 110 Or FREN 120 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or YORU 110 Or YORU 120	Check	3
Ethics Civic Engagement: BADM 220 Or CRJC 203 Or EDUC 211 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 SWRK 220	Check	3
Core Total:		39
Program		
Major Required: BIOL 200 And BIOL 320 And BIOL 330 And BIOL 350 And BIOL 499 And BOTN 210 And CHEM 141 * And CHEM 142 * And CHEM 161 * And CHEM 162 * And PHYS 111 * And PHYS 112 * And ZOO 200 And ZOO 310 And ZOO 370 And ZOO 430 *Must be different from choice in the core	Yes	53
Major Elective: BIOL 225 Or BIOL 325 Or BIOL 430 Or BIOL 431 Or BIOL 490 Or BICH 411 Or BTCH 210 Or BTCH 220 Or BTCH 230 Or BTCH 310 Or BTCH 320 Or BTCH 340 Or BTCH 350 Or BTCH 360 Or BTCH 410 Or BTCH 425 Or BTCH 435 Or BTCH 440 Or BTCH 450 Or BTCH 460 Or BTCH 490 Or CHEM 210 Or CHEM 220 Or CHEM 221 Or CHEM 222 Or CHEM 223 And CHEM 224 Or CHEM 225 And CHEM 226 Or CSC 100 Or FORS 400 Or FORS 420 Or FORS 430 Or FORS 445 Or FORS 450 Or GEOG 314 Or GEOG 320 Or GEOG 325 Or GEOL 311 Or GEOL 312 Or MATH 142 Or MEDI 200 Or PHYS 113 Or PHYS 123 Or PHYS 302 Or STAT 202 Or ZOO 210 Or ZOO 230 Or ZOO 350 Or ZOO 450 Or ZOO 470 Or ZOO 485	Yes	26
Other Required Courses:	Check	6
Program Total:		85
Degree Total:		124

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

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