

Fayetteville State University**Mathematics, Teaching Licensure concentration (Secondary Education 9-12), BS****Four-Year Degree Plan****Catalog: 2018-2019****Type: Freshman****Last Update: 10/26/2018**

This Plan illustrates how students 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. Note: NC community college transfers should consult one of the transfer plans.

Year/Term	Course/Requirement	Cr	Pre	Req	Note/Equivalent
Year 1 Fall		15			
	UNIV 101 - Freshman Seminar I	1	N	1.1	
	Core Transitional Life	2	N	1.2	
	ENGL 110 - English Composition I	3	N	2.1	
	PHIL 110 Or PHIL 220	3	N	3.1	
	MATH 131 - Algebra and Trigonometry	3	Y	3.2	
	Core Social Sci	3	N	5.2	
Year 2 Fall		16			
	BADM 215 Or SPEE 200	3	Y	2.2	
	MATH 241 - Calculus with Anal Geometry II	4	Y	9.1	
	MATH 251 - Linear Algebra	3	Y	9.1	
	MATH 262 - Modern Geometry	3	Y	9.1	
	EDUC 310 - Foundations of Education	3	N	9.13	
Year 3 Fall		19			
	Core Natural Sci with lab	4	C	5.1	
	MATH 331 - Differential Equations I	3	Y	9.1	
	MATH 412 - Advanced Calculus	3	Y	9.1	
	CSC 105 - Intro Computer Tech Majors	3	N	9.12	
	STAT 301 - Introduction to Probability	3	Y	9.12	
	EDUC 331 - Instructional Design and Asses	3	N	9.13	
Year 4 Fall		15			
	Core Global Literacy	3	C	7	
	MATH 361 - Intro Mod Algebra I	3	Y	9.1	
	MATH 472 - Theory of Numbers	3	Y	9.1	
	MATH 486 - Teach Secondary Math Tech II	3	Y	9.1	
	EDUC 460 - Meth/Mate in Sec Sch Sub BIO	3	Y	9.13	
Degree Total:		128			

Year/Term	Course/Requirement	Cr	Pre	Req	Note/Equivalent
Year 1 Spring		17			
	UNIV 102 - Freshman Seminar II	1	N	1.1	
	ENGL 120 - English Composition II	3	Y	4	
	Core Humn Creative Arts	3	C	6	
	EDUC 211 - Lab Experiences in Area School	3	N	8	
	MATH 142 - Calculus with AnalyticGeometry	4	Y	9.1	
	MATH 150 - Discrete Mathematics	3	Y	9.1	
Year 2 Spring		17			
	Core Natural Sci with lab	4	C	5.1	
	MATH 242 - Calculus w/ Anal Geom III	4	Y	9.1	
	MATH 260 - Foundations of Mathematics	3	Y	9.1	
	EDUC 330 - Educ Psych & Measuremnt	3	N	9.13	
	SPED 320 - Edu of the Excep Child	3	N	9.13	
Year 3 Spring		17			
	MATH 312 - History of Mathematics	3	Y	9.1	
	MATH 485 - Teach Secondary Math Tech I	3	N	9.1	
	STAT 302 - Mathematical Statistics	3	Y	9.12	
	EDUC 421 - Princ of Secondary Educ	3	Y	9.13	
	EDUC 450 - Classroom Management	2	Y	9.13	
	READ 320 - Tch Read In Content Area	3	Y	9.13	
Year 4 Spring		12			
	EDUC 480 - Student Teaching in Sec Sc HPE	11	Y	9.13	
	EDUC 490 - Professional Educ Seminar	1	Y	9.13	

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.

- 1.1. Core Transitional UNIV.** (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111 . UNIV 101-UNIV 102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance.
- 1.2. Core Transitional Life.** 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 .
- 2.1. Core Written Comm.** ENGL 110 .
- 2.2. Core Oral Comm.** BADM 215 Or SPEE 200 .
- 3.1. Core Critical Thinking.** PHIL 110 Or PHIL 220 . Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived.
- 3.2. Core Quantitative Reason.** MATH 129 And MATH 130 Or MATH 131 . MATH 121 may be required based on profile scores. Some core courses require a one-hour lab.
- 4. Core Info Literacy.** ENGL 120 .
- 5.1. Core Natural Sci.** BIOL 150 Or BIOL 150L Or BIOL 160 Or BIOL 160L Or CHEM 141 Or CHEM 141L Or CHEM 161 And CHEM 161L Or PHYS 121 Or PHYS 122 Or PHYS 125 Or PHYS 125L Or PHYS 126 Or PHYS 126L . At least one natural science class must include its associated lab. Some majors require two lab sciences, increasing requirement to 8 credits.
- 5.2. Core Social Sci.** 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 .
- 6. Core Humn 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 .
- 7. Core 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 GBL 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. Core Ethics Civic Engage.** EDUC 211 .
- 9.1. Mathematics.** MATH 142 And MATH 150 And MATH 241 And MATH 242 And MATH 251 And MATH 260 And MATH 262 And MATH 312 And MATH 331 And MATH 361 And MATH 412 And MATH 472 And MATH 485 And MATH 486 .
- 9.12. Other Requirements.** STAT 301 And STAT 302 And CSC 105 .
- 9.13. Professional Education.** SPED 320 And EDUC 310 And EDUC 330 And EDUC 331 And EDUC 421 And EDUC 450 And EDUC 460 And EDUC 480 And EDUC 490 And READ 320 .