

**Bachelor of Science in Middle Grades Education**  
**Science Concentration**  
**Freshman Curriculum Planning Guide and Four-Year Plan**  
**Fayetteville State University**  
**(2019-2020)**

University College Core Curriculum (38 Credits)	Course	Cr.	Term	Grade
<b>Transitional Studies – University Studies (2 Credits)<sup>1</sup></b>		1		
<b>Select one option from UNIV 101 and UNIV 102</b>		1		
<b>Transitional Studies – Life Skills (2 Credits)</b> <i>Select two credits from the following:</i>		2		
HEED 112				
<b>Communication Skills – Written Communication (3 Credits)</b>		3		
ENGL 110				
<b>Information Literacy (3 Credits)</b>		3		
ENGL 120				
<b>Communication Skills – Oral Communication (3 Credits)</b>		3		
SPEE 200				
<b>Reasoning Skills – Critical Thinking (3 Credits)<sup>2</sup></b>		3		
<b>Select one from the following:</b> PHIL 110 or PHIL 220				
<b>Reasoning Skills – Quantitative Reasoning (3-4 Credits)<sup>3</sup></b>		3		
<b>Required Courses for Middle Grades 2<sup>nd</sup> Concentration in Mathematics:</b> <b>STAT 202</b>				
<i>Select one from the following:</i>				
MATH 123 or MATH 126 or MATH 129 or MATH 130 or MATH 131 or STAT 202				
<b>Scientific Literacy – Natural Sciences (7-8 Credits)<sup>4</sup></b>		4		
<b>Required Courses for Middle Grades 2<sup>nd</sup> Concentration in Science:</b>		3		
BIOL 150/150L Or BIOL 160/160L Or				
Or				
<i>Select one (1):</i> ASTR 101/101L Or ASTR 102/102L				
<b>Select from the following:</b>				
ASTR 101/101L or ASTR 102/102L or ASTR 213 or ASTR 214 or BIOL 111/111L or BIOL 131/BIOL 131L or BIOL 150/150L or BIOL 160/160L or CHEM 141/141L or CHEM 161/161L or NSCI 111/111L or NSCI 121/121L				
<b>Scientific Literacy – Social Sciences (3 Credits)</b>		3		
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				
<b>Humanities and Creative Arts (3 Credits)</b>		3		
<b>Required Courses for Middle Grades Language Arts Concentration:</b> <b>ENGL 240</b>				
<b>Select one from the following:</b> 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				

<p><b>Global Literacy (3 Credits)<sup>5</sup></b>  <b>Required Courses for Middle Grades Language Arts Concentration:</b>                  ENGL 211 Or                  ENGL 212</p> <p><b>Required Courses for Middle Grades 2<sup>nd</sup> Concentration in Social Studies:</b>                  HIST 110 Or                  HIST 120</p> <p><b>Select one from the following:</b> 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</p>		3		
<p><b>Ethics and Civic Engagement (3 Credits)</b></p> <p><b>Select three credits from the following:</b></p> <p>EDUC 211</p>		3		

**Notes**

- 1 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
- 2 Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived
- 3 MATH 121 may be required based on profile scores. Some core courses require a one-hour lab.
- 4 At least one natural science class must include its associated lab. Some majors require two lab sciences, increasing requirement to 8 credits
- 5 Not required for students with 30 or more transfer credits from a foreign institution. Students do not earn credit if requirement is waived.

<b>Professional Education Courses and Middle Grades Core Courses Program Requirements (82 Credits)</b>	<b>Course</b>	<b>Cr.</b>	<b>Term</b>	<b>Grade</b>	
<b>Required Education Courses (18 Credits)</b>	[Prefix Number]	[cr]			
	EDUC 210	3			
	EDUC 310	3			
	EDUC 330	3			
	EDUC 331	3			
	READ 300	3			
	SPED 320	3			
<b>Major Method Courses (24 Credits)</b>	<b>**READ 320</b>	3			
	<b>**EDMG 400</b>	3			
	<b>**EDUC 450</b>	2			
	<b>**EDMG 463</b>	<b>3</b>			
	++EDMG 470	11			
	++EDUC 490	1			
<p><b>**Admission to Teacher Education is required (Students must pass <b>PRAXIS CASE</b> and complete an interview)</b></p> <p><b>++Admission to Clinical Experience (Student Teaching)</b></p>					
<p><b>Note: In order to apply for your license in Middle Grades Science you must take and successfully pass the Middle School Science PRAXIS II test and edTPA (Task 1, 2, &amp; 3).</b></p>					
<p><b>FIRST ACADEMIC CONCENTRATION COURSE</b></p>					
<p><b>SCIENCE (22 Credit Hours)</b></p>					
		<b>GEOL 311</b>	3		
		BIOL 160/160L	4		

	CHEM 141/141L	4		
	BIOL 200/200L	4		
	PHYS 115/125L	4		
	**EDMG 498	3		
<b>SECOND ACADEMIC CONCENTRATIONS CHOOSE ONE (1)</b>				
<b>LANGUAGE ART (18 Credit Hours)</b>				
	<b>(CHOOSE 1 that was not used in the University College Core)</b> *ENGL 211 Or *ENGL 212	3		
	ENGL 231	3		
	ENGL 301	3		
	(Choose 1) ENGL 321 Or ENGL 322	3		
	ENGL 341	3		
	READ 390			
<b>MATHEMATICS (20 Credit Hours)</b>				
	*MATH 129	3		
	*MATH 130	3		
	MATH 142	4		
	MATH 241	4		
	MATH 251	3		
	MATH 262	3		
<b>SOCIAL STUDIES (18 Credit Hours)</b>				
	Choose 1 that was not used in the University College Core)  ECON 200 Or ECON 211 Or ECON 212	3		
	(Choose 1)  GEOG 210 Or GEOG 220	3		
	Choose 1 that was not used in the University College Core)  HIST 110 Or HIST 120	3		
	Choose 1 that was not used in the University College Core)  HIST 211 Or HIST 212 Or HIST 375	3		
	HIST 390	3		

	POLI 210	3		
<b>SPECIAL EDUCATION (18 Credit Hours)</b>				
	SPED 410	3		
	SPED 415	3		
	SPED 418	3		
	SPED 460	3		
	SPED 465	3		
	SPED 480	3		
<b>READING (18 Credit Hours)</b>				
	READ 316	3		
	READ 370	3		
	READ 390	3		
	READ 400	3		
	READ 422	3		
	READ 441	3		
<b>Total Credits</b>		120		

## Four-Year Plan

### Middle Grades Education with a Concentration in Science, BS

This Plan illustrates how students can meet degree course requirements in four years. Some courses listed below may be taken in an alternate order. Courses fulfilling requirements are listed on the previous pages. For information about prerequisites and other program requirements, consult the appropriate Catalog Program of Study and an advisor. Students should work with advisor to create and update an individual plan in Degree Works.

Year 1 Fall		
Requirement	Course	Cr
University Studies	UNIV 101	1
Written Communication	ENGL 110	3
Life Skills	HEED 112	2
Critical Thinking	PHIL 110	3
Quantitative Reasoning	MATH 129 or MATH 130 or STAT 202	3
Social Sciences		3
Total:		15

Year 1 Spring		
Requirement	Course	Cr
University Studies	UNIV 102	1
Information Literacy	ENGL 120	3
Oral Communication	SPEE 200	3
Humanities and Creative Arts		3
Global Literacy		3
Professional Education	EDUC 210	3
Total:		16

Year 2 Fall		
Requirement	Course	Cr
Scientific Literacy	BIOL 150 and BIOL 150L	4
Ethics and Civic Engagement	EDUC 211	3
Professional Education	EDUC 310	3
Science Major	CHEM 141/41L	4
2 <sup>nd</sup> Concentration		3
Total:		17

Year 2 Spring		
Requirement	Course	Cr
Scientific Literacy	BIOL 160 and BIOL 160L	4
Professional Education	EDUC 330	3
Professional Education	EDUC 331	3
Science Major	ASTR 101/101L ASTR 02/102L	4
Science 2 <sup>nd</sup> Concentration		3
Total:		17

Year 3 Fall		
Requirement	Course	Cr
Professional Education	READ 300	3
Professional Education	SPED 320	3
Science Major	BIOL 200/200L	4
Science Major	GEOL 311	3
2 <sup>nd</sup> Concentration		3
Total:		16

Year 3 Spring		
Requirement	Course	Cr
Science Major	PHYS 115 and PHYS 125L	4
2 <sup>nd</sup> Concentration		3
2 <sup>nd</sup> Concentration		3
2 <sup>nd</sup> Concentration		3
Total:		13

Year 4 Fall		
Requirement	Course	Cr
Science Methods	EDUC 450	2
Science Methods	EDMG 400	3
Science Methods	EDMG 463	3
Science Methods	EDMG 498	3
Science Methods	READ 320	3
Total:		14

Year 4 Spring		
Requirement	Course	Cr
Science Clinical Experience	EDMG 470	11
Science Clinical Experience	EDUC 490	1
Total:		12

#### Notes

1 [Enter relevant note here. Add rows as needed.]