

**Bachelor of Science in Middle Grades Education**  
**Science Concentration**  
**Transfer Curriculum Planning Guide and Baccalaureate**  
**Degree Plan**  
**Fayetteville State University**  
**(2021-2022)**

University College Core Curriculum (General Education – 38 Credits)	Transfer Course <sup>1</sup>	Cr.	FSU Equivalent
<b>Transitional Studies – University Studies (2 Credits)</b>  <b>Select one option from</b>  (UNIV 101/102) or UNIV 110 or UNIV 111 or UNIV 112	ACA 122	2	Waived with transfer of 30 credit hours <sup>2</sup>
<b>Transitional Studies – Life Skills (2 Credits)</b>  HEED 112  <b>Select two credits from the following:</b>  PEDU 101 or PEDU 107 or PEDU 112 or PEDU 120 or PEDU 122 or PEDU 130 or PEDU 132 or PEDU 140	HEA 110  or any two PEDU course	2	HEED 112
<b>Communication Skills – Written Communication (3 Credits) – ENGL 110</b>	ENG 111	3	ENGL 110
<b>Information Literacy (3 Credits) – ENGL 120</b>	ENG 112	3	ENGL 120
<b>Communication Skills – Oral Communication (3 Credits)</b> SPEE 200	COM 231	3	SPEE 200
<b>Reasoning Skills – Critical Thinking (3 Credits)</b>  <b>Select one from the following:</b> PHIL 110 or PHIL 220	HUM 115	3	Waived with transfer of 60 credit hours <sup>2</sup>  PHIL 110
<b>Reasoning Skills – Quantitative Reasoning (3-4 Credits)</b>  <b>Required Courses for Middle Grades 2<sup>nd</sup> Concentration in Mathematics:</b> <b>STAT 202</b>  <b>Select one from the following:</b>  MATH 123 or MATH 126 or MATH 129 or MATH 130 or MATH 131 or POLI 240 or <b>STAT 202</b>	MAT 252  MAT 143 MAT 171 MAT 172	3	STAT 202  MATH 126 MATH 129 MATH 130
<b>Scientific Literacy – Natural Sciences (7-8 Credits)<sup>4</sup></b>  <b>Required Courses for Middle Grades 2<sup>nd</sup> Concentration in Science:</b>  BIOL 150/150L Or BIOL 160/160L Or Or  Select one (1): 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 105/105L or CHEM 106/106L or CHEM 141/141L or CHEM 161/161L or ENEC 201/201L or ENEC 202/202L or GEOG 200 or NSCI 111/111L or NSCI 121/121L or PHYS 115 or PHYS 116 or PHYS 125/125L or PHYS 126/126L	BIO 111 Science course with lab	4	BIOL 150/150L
	BIOL 112 course with lab	3	BIOL 160/160L
	AST 151/151L AST 152/152L		ASTR 101/101L ASTR 102/102L
<b>Scientific Literacy – Social Sciences (3 Credits)</b>  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	ECO 251 ECO 252 GEO 110 SOC 210 PSY 150	3	ECON 212 ECON 211 GEOG 210 SOCI 210 PSYC 210
<b>Humanities and Creative Arts (3 Credits)</b>		3	

<p><b>Required Courses for Middle Grades Language Arts Concentration: ENGL 240</b></p> <p><b>Select one from the following:</b></p> <p>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>	<p>ENG 131</p> <p>MUS 110</p>		<p>ENGL 240</p> <p>MUSI 210</p>
<p><b>Global Literacy (3 Credits)<sup>5</sup></b></p> <p><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></p> <p>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>	<p>ENG 261 ENG 262</p> <p>HIS 121 HIS 112</p> <p>SPA 111</p>	<p>3</p>	<p>ENGL 211 ENGL 212</p> <p>HIST 110 HIST 120</p> <p>SPAN 110</p>
<p><b>Ethics and Civic Engagement (3 Credits)</b> EDUC 211</p>	<p>Ethics or civic engagement course</p>	<p>3</p>	<p>Waived with transfer of 60 credit hours<sup>2</sup></p>

**Notes**

- 1 Course numbers are for the North Carolina Community College (NCCC) system.
- 2 Students do not earn credit if any requirement is waived. All students must earn at least 120 credits to graduate.
- 3 NCCC degrees: 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. Non-NCCC general education requirements are waived unless otherwise noted. NCCC general education courses not used for core may be applied to free electives or used to reach 120 credits.
- 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.

<b>Professional Education Courses and Middle Grades Core Courses Program Requirements (82 Credits)</b>	<b>Transfer Course</b>	<b>Cr.</b>	<b>FSU Equivalent</b>
<b>Required Education Courses (18 Credits)</b>	Prefix Number	cr	Prefix Number
	EDU 271	3	EDUC 210
		3	EDUC 310
		3	EDUC 330
		3	EDUC 331
		3	READ 300
	EDU 221	3	SPED 320
<b>Major Method Courses (24 Credits)</b>		3	<b>**READ 320</b>
		3	<b>**EDMG 400</b>
		2	<b>**EDUC 450</b>
		3	<b>**EDMG 463</b>
		11	<b>++EDMG 470</b>
		1	<b>++EDUC 490</b>

**\*\*Admission to Teacher Education is required (Students must pass PRAXIS I and complete an interview)**

**++Admission to Clinical Experience (Student Teaching)**

**Note: In order to apply for your license in Middle Grades Science you must take and successfully pass the Middle**

<b>Grades Science PRAXIS II test and edTPA (Task 1, 2, &amp; 3).</b>			
<b>FIRST ACADEMIC CONCENTRATION</b>			
<b>SCIENCE (22 Credit Hours)</b>			
	GEO 111	3	GEOL 311
	BIO 112	4	BIOL 160/160L
	CHM 151	4	CHEM 141/141L
	BIO 265	4	BIOL 200/200L
	PHY 151	4	PHYS 115/125L
		3	**EDMG 498
<p>*Course is a part of the University College Core  **Admission to Teacher Education is required to enroll in this course.  Students must pass prerequisite courses with a grade of C or higher before enrolling in subsequent courses, and students must earn a grade of C or higher in all concentration courses to qualify for graduation.  <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>			
<b>SECOND ACADEMIC CONCENTRATIONS</b>			
<b>CHOOSE ONE (1)</b>			
<b>LANGUAGE ART (18 Credit Hours)</b>			
		3	<b>(CHOOSE 1 that was not used in the University College Core)</b>  *ENGL 211 Or *ENGL 212
	ENG 261 ENG 262		
	ENG 138	3	ENGL 231
		3	ENGL 301
		3	<b>(CHOOSE 1 that was not used in the University College Core)</b> ENGL 321 Or ENGL 322
	ENG 231 ENG 232		
		3	ENGL 341
		3	READ 390
<b>MATHEMATICS (20 Credit Hours)</b>			
	MAT 171	3	*MATH 129
	MAT 172	3	*MATH 130
	MAT 271	4	MATH 142
	MAT 272	4	MATH 241
	MAT 280	3	MATH 251
		3	MATH 262
<b>SOCIAL STUDIES (18 Credit Hours)</b>			
		3	Choose 1 that was not used in the University College Core)
	ECO 151 ECO 251 ECO 252		ECON 200 Or ECON 211 Or ECON 212
	GEO 110 GEO 111	3	(Choose 1) GEOG 210 Or GEOG 220

	HIS 121 HIS 122	3	Choose 1 that was not used in the University College Core)  HIST 110 Or HIST 120
	HIS 131 HIS 132	3	Choose 1 that was not used in the University College Core)  HIST 211 Or HIST 212 Or HIST 375
	HIS 236	3	HIST 390
	POL 120	3	POLI 210
<b>SPECIAL EDUCATION (18 Credit Hours)</b>			
		3	SPED 410
		3	SPED 415
		3	SPED 418
		3	SPED 460
		3	SPED 465
		3	SPED 480
<b>READING (18 Credit Hours)</b>			
		3	READ 316
	EDU 280	3	READ 370
		3	READ 390
		3	READ 400
		3	READ 422
		3	READ 441
<b>Total Credits</b>		<b>120</b>	
<b>Transfer Credits</b>			

**Other Program Requirements**

- 1 Documentation must be submitted to the department for requirement to be admitted to Teacher Education
- 2 Admission to Teacher Education is required for all Teaching Majors
- 3 Students do not earn credit if requirement is waived

**Baccalaureate Degree Plan (A.A.S.)**

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.

<b>Year 1 Fall</b>		
<b>Requirement</b>	<b>Course</b>	<b>Cr</b>
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

<b>Year 1 Spring</b>		
<b>Requirement</b>	<b>Course</b>	<b>Cr</b>
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

<b>Year 2 Fall</b>		
<b>Requirement</b>	<b>Course</b>	<b>Cr</b>
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

<b>Year 2 Spring</b>		
<b>Requirement</b>	<b>Course</b>	<b>Cr</b>
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

<b>Year 3 Fall</b>		
<b>Requirement</b>	<b>Course</b>	<b>Cr</b>
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

<b>Year 3 Spring</b>		
<b>Requirement</b>	<b>Course</b>	<b>Cr</b>
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

<b>Year 4 Fall</b>		
<b>Requirement</b>	<b>Course</b>	<b>Cr</b>
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

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

**Notes**

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