

**Four Year Academic Plan**  
**Mathematics Education (2017-18)**

<b>1st Semester (15 hrs.)</b>		<b>Course Title</b>	<b>Term Offered</b>	<b>Prerequisites &amp; Notes</b>
	GATE 101 (1)	Gateway to University Life	Fall	
	ENG 110 (3)	University Writing & Research*	Fall, Spring	If enrolled in ENG 100, 110 is still required
	GPS 110 or 120 (3)	Global Perspectives	Fall, Spring	110 & 120 can be taken in any order
	CS 120 (3)	Introduction to Programming I *	Fall	
	ED 300 (1)	Teaching: The Profession*	Fall, Spring	
	MATH 120 (4)	Calculus & Analytic Geometry I *	Fall/Spring	

<b>2nd Semester (16 hrs.)</b>		<b>Course Title</b>	<b>Term Offered</b>	<b>Prerequisites &amp; Notes</b>
	GPS 110 or 120 (3)	Global Perspectives	Fall, Spring	Enroll in the course not completed in the Fall
	Literature (3)	University Foundations	Fall, Spring	300+ level ENG literature course
	MATH 220 (4)	Calculus & Analytic Geometry II *	Spring	MATH 120
	COMM 101 (3)	Public Speaking*	Fall, Spring	Required for Teacher Education program.
	ED 301 (3)	Foundations of Education*	Fall, Spring	

<b>3rd Semester (16 hrs.)</b>		<b>Course Title</b>	<b>Term Offered</b>	<b>Prerequisites &amp; Notes</b>
	GPS 210 or 220 (3)	Global Perspectives	Fall, Spring	210 & 220 can be completed in any order
	MATH 242 (3)	Discrete Mathematics *	Fall	MATH 120
	MATH 305 (4)	Calculus & Analytic Geometry III *	Fall	MATH 220
	ED 303 (3)	Educational Psychology *	Fall, Spring	Sophomore classification
	Second Language 101 (3)	University Foundations	Fall, Spring	

<b>4th Semester (16 hrs.)</b>		<b>Course Title</b>	<b>Term Offered</b>	<b>Prerequisites &amp; Notes</b>
	GPS 210 or 220 (3)	Global Perspectives	Fall, Spring	Enroll in the course not completed in the Fall
	MATH 308 (3)	Linear Algebra *	Spring	MATH 242
	ED 304 (1)	Exploring Diversity *	Fall, Spring	
	PSYC 209 (3)	Adolescent Psychology*	Fall, Spring	Required for Teacher Education program
	ED 306 (3)	Curriculum & Instruction *	Fall, Spring	ED 301, 303 & admission to the Teacher Education program
	Second Language 102 (3)	University Foundations	Fall, Spring	

**NOTES:**

- 1 \*Courses are included in the Professional & Specialty Studies of the School of Education; minimum grade of C, C+, C- required.
- 2 Education majors apply to the Teacher Education program in Fall/Spring of Sophomore year.

**Four Year Academic Plan**  
**Mathematics Education (2017-18)**

5th Semester (17 hrs.)		Course Title	Term Offered	Prerequisites & Notes
	GPS 310 or 320 (3)	Global Perspectives	Fall, Spring	310 & 320 can be completed in any order
	PE 101 (2)	Personal Fitness & Wellness	Fall, Spring	Required for University Foundations
	Fine Arts (2)	University Foundations	Fall, Spring	
	Lab Science (4)	University Foundations	Fall, Spring	
	MATH 330 (3)	Statistics I	Fall, odd years	MATH 242
	ED 305 (3)	Introduction to Differentiated Instruction for all Learners*	Fall, Spring	ED 303

6th Semester (18 hrs.)		Course Title	Term Offered	Prerequisites & Notes
	GPS 310 or 320 (3)	Global Perspectives	Fall, Spring	Enroll in the course not completed in the Fall
	HIST/PSCI (3)	History or Political Science *	Fall, Spring	Choose one course from HIST 201, 202, 312 or PSCI 201; HIST 201 offered in Fall; 202/312 offered in Spring.
	ED 360 (3)	Mathematics Methods (9-12) *	Fall	ED 301, 306; MATH 300, 330
	MATH 300 (3)	College Geometry *	Spring, even years	MATH 242
	Lab Science (4)	University Foundations	Fall, Spring	
	ED 335 (2)	Classroom Strategies for the Secondary Teacher (9-12) *	Spring	ED 301, 303, 306

7th Semester (16 hrs.)		Course Title	Term Offered	Prerequisites & Notes
	ED 322 (3)	Literacy Across the Curriculum*	Fall	ED 301, 306
	MATH 301 (1)	Technology in the Math Classroom*	Fall	Junior standing
	MATH 405 (3)	History of Mathematics	Fall, even years	MATH 242
	RESTRICTED MATH ELECTIVE (3)	Math 400/401/410/450	Fall, Spring	
	RESTRICTED MATH ELECTIVE (3)	Math 400/401/410/450	Fall, Spring	
	MATH ELEC (3)	Advanced Math Elective *	Spring	Recommend MATH 310, 331, 401 or 450

8th Semester (12 hrs.)		Course Title	Term Offered	Prerequisites & Notes
	ED 460a (4)	Mathematics Student Teaching: Instructional Preparation*	Fall, Spring	Completion of program requirements and permission of the Dean of the School of Education & the Teacher Education faculty.
	ED 460b (4)	Mathematics Student Teaching: Instructional Presentation*	Fall, Spring	
	ED 460c (4)	Mathematics Student Teaching: Classroom Organization/Management*	Fall, Spring	
	ED 497 (0)	Exit Examination *	Fall, Spring	

**Total Credit Hours earned = 126**

**Graduation Requirements:**

- 1 Must earn a minimum of 125 credit hours, including 40 credit hours at 300+ level.
- 2 Must maintain minimum cumulative and Specialty area GPA of 2.7 to student teach and graduate.
- 3 Must complete the last 30 credit hours of degree at Wingate University.
- 4 Must fulfill Lyceum requirement as outlined in Academic Catalog.