

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

<b>1st Semester (16 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
	BIO 150 (4)	Principles of Cell & Molecular Biology *	Fall, Spring	
	CHEM 101 (4)	Principles of Chemistry I *	Fall	
	ED 300 (1)	Teaching: The Profession*	Fall, Spring	

<b>2nd Semester (17 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
	MATH 209 (3)	Inferential Statistics	Fall, Spring	
	BIO 160 (4)	Prin. of Organismal & Evolutionary Bio*	Fall, Spring	BIO 150
	CHEM 102 (4)	Principles of Chemistry II *	Spring	CHEM 101
	ED 301 (3)	Foundations of Education*	Fall, Spring	

<b>3rd Semester (17 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
	ED 303 (3)	Educational Psychology*	Fall, Spring	Sophomore classification
	BIO 205 (4)	Plant Biology*	Fall	BIO 150 & 160
	CHEM 201 (4)	Organic Chemistry I *	Fall	CHEM 102
	COMM 101 (3)	Public Speaking	Fall, Spring	Required for Teacher Education program

<b>4th Semester (18 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
	CHEM 202 (4)	Organic Chemistry II *	Spring	CHEM 201
	ED 304 (1)	Exploring Diversity*	Fall, Spring	
	ED 305 (3)	Introduction to Differentiated Instruction for all Learners*	Fall, Spring	ED 303
	ED 306 (3)	Curriculum & Instruction*	Fall, Spring	ED 301, 303 & admission to the Teacher Education program
	BIO 200 (4)	Zoology*	Spring	BIO 150 & 160

**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.

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5th Semester (16 hrs.)		Course Title	Term Offered	Prerequisites & Notes
	GPS 310 or 320 (3)	Global Perspectives	Fall, Spring	310 & 320 can be completed in any order
	Foreign Language 101 (3)	University Foundations	Fall, Spring	
	PSCY 209 (3)	Adolescent Psychology*	Fall, Spring	Required for Teacher Education program.
	BIO 311 (4)	Human Anatomy & Physiology I *	Fall, Spring	BIO 150
	ED 322 (3)	Literacy Across the Curriculum*	Fall	ED 301, 306

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
	Fine Arts (2)	University Foundations	Fall, Spring	
	BIO 240 (4)	Classical Genetics*	Fall, Spring	BIO 150
	BIO 312 (4)	Human Anatomy & Physiology II *	Fall, Spring	BIO 311
	Foreign Language 102 (3)	University Foundations	Fall, Spring	
	ED 335 (2)	Classroom Strategies for the Secondary (9-12) Teacher *	Spring	ED 301, 303, 306

7th Semester (14 hrs.)		Course Title	Term Offered	Prerequisites & Notes
	Lit/Writing (3)	University Foundations	Fall, Spring	300+ level ENG literature course
	PE 101 (2)	Personal Fitness & Wellness	Fall, Spring	Required for University Foundations
	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.
	BIO 405 (3)	Biology Seminar*	Fall, Spring	Consent of Instructor
	ED 354 (3)	Middle Grade & Secondary Science Methods *	Fall	ED 301, 306

8th Semester (12 hrs.)		Course Title	Term Offered	Prerequisites & Notes
	ED 470a (4)	Science Student Teaching: Instructional Preparation (9-12) *	Fall, Spring	Completion of program requirements and permission of the Dean of the School of Education & the Teacher Education faculty.
	ED 470b (4)	Science Student Teaching: Instructional Presentation (9-12) *	Fall, Spring	
	ED 470c (4)	Science Student Teaching: Classroom Organization/Management (9-12) *	Fall, Spring	
	ED 497 (0)	Exit Examination	Fall, Spring	

**Total Credit Hours earned = 128**

**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.