## Four Year Academic Plan Educational Studies Math and Science Concentration (2019-2020)

| 1st Semester (17 hours) |                         | Course Title                   | Term Offered | Prerequisites & Notes                         |
|-------------------------|-------------------------|--------------------------------|--------------|---|
|                         | 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           |
|                         | MATH 120 (4)            | Calculus and Analytic Geom 1   | Fall         | Math 115 or placement                         |
|                         | PE 101 (2)              | Personal Fitness and Wellness  | Fall/Spring  |   |
|                         | ED 300 (1)              | Teaching: The Profession*      | Fall, Spring |   |
|                         | Second Language 101 (3) | University Foundations         | Fall, Spring |   |

| 2nd Semester (16 hours) |                         | Course Title                  | Term Offered | Prerequisites & Notes                          |
|-------------------------|-------------------------|-------------------------------|--------------|--|
|                         | GPS 110 or 120 (3)      | Global Perspectives           | Fall, Spring | Enroll in the course not completed in the Fall |
|                         | MATH 220 (4)            | Calculus and Analytic Geom II | Spring       | Math 120                                       |
|                         | Literature (3)          | University Foundations        | Fall, Spring | English 110                                    |
|                         | ED 301 (3)              | Foundations of Education*     | Fall, Spring | Ed 300   |
|                         | Second Language 102 (3) | University Foundations        | Fall, Spring | Second Language 101                            |

| 3rd Semester (16 hours) |                           | Course Title                     | Term Offered | Prerequisites & Notes                   |
|-------------------------|---------------------------|----------------------------------|--------------|---|
|                         | GPS 210 or 220 (3)        | Global Perspectives              | Fall, Spring | 210 & 220 can be completed in any order |
|                         | Lab Science (4)           |                                  | Fall, Spring |   |
|                         | MATH 242 (3)              | Discrete Mathematics             | Spring       | MATH 120                                |
|                         | Social/Behavioral Science |                                  |              |   |
|                         | (3)                       | Soc 101 or Psych 101 recommended | Fall, Spring |   |
|                         | ED 303 (3)                | Educational Psychology*          | Fall, Spring | ED 300                                  |

| 4th Semester (16 hours) | Course Title              | Term Offered | Prerequisites & Notes                 |
|-------------------------|---------------------------|--------------|---------------------------------------|
| GPS 210 or 220 (3)      | Global Perspectives       | Fall, Spring | Complete course not taken in the Fall |
| Lab Science (4)         |                           | Fall, Spring |                                       |
| Adv Math Elective (3)   |                           | Fall, Spring |                                       |
| ED 304 (1)              | Exploring Diversity*      | Fall, Spring |                                       |
| Fine Arts (2)           | University Foundations    | Fall, Spring |                                       |
| ED 306 (3)              | Curriculum & Instruction* | Fall, Spring | Ed 301. 303                           |

NOTES:

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| 5th Semester (16 -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 |
|                            | ED 354 (3)             | MG and Sec Science methods     | Fall         | ED 306                                  |
|                            | Advanced Math Elective |                                |              |   |
|                            | (3 -4)                 | 300 Level or Above             | Fall, Spring |   |
|                            | Science (4) Elective   |                                | Fall, Spring |   |
|                            | PSYC 208/209 (3)       | Child or Adolescent Psychology | Fall, Spring | PSYC 208 Fall/ PSYC 209 off Spring      |

| 6th Semester (16 hrs) |                      | Course Title                       | Term Offered | Prerequisites & Notes                 |
|-----------------------|----------------------|------------------------------------|--------------|---------------------------------------|
|                       | GPS 310 or 320 (3)   | Global Perspectives                | Spring, Fall | Complete course not taken in the Fall |
|                       | Science Elective (4) |                                    | Fall/Spring  |                                       |
|                       | ED 326 (1)           | Content Area Literacy*             | Spring       |                                       |
|                       | ED 359 (3)           | Middle and Sec Math methods        | Spring       | ED 306                                |
|                       | Comm 101 (3)         | Public Speaking                    | Fall, Spring |                                       |
|                       | ED 335 (2)           | Classroom Strategies for Secondary | Spring       | ED 306                                |

| 7th semester (15-16 hours) |                      | Course Title                        | Term Offered | Prerequisites & Notes |
|----------------------------|----------------------|-------------------------------------|--------------|-----------------------|
|                            | Electives 6          | Various                             | Fall,Spring  | Discuss with Advisor  |
|                            | Sceince Elective 3-4 |                                     | Fall, Spring |                       |
|                            | ED 305 (3)           | Into to Differentiated Insturction* | Fall, Spring |                       |
|                            | MATH 209             | Inferential Statistics              | Fall, Spring |                       |

| 8th Semester (12 -13 hours) |                      | Course Title                   | Term Offered | Prerequisites & Notes |
|-----------------------------|----------------------|--------------------------------|--------------|-----------------------|
|                             | ED 499 (3)           | Educational Studies internship | Fall, Spring |                       |
|                             | Electives (3-4)      | Various                        | Fall,Spring  | Discuss with Advisor  |
|                             | Sceince Elective (3) |                                | Fall, Spring |                       |
|                             | ED 331 (3)           | Middle Grades Curriculum       | Spring       |                       |
|                             | ED 497 (0)           | Exit Examination*              | Spring       |                       |

## **Educational Studies Math and Science Concentration**

NOTES: Total Credit Hours earned = 125 (2019-2020)
Graduation Requirements:

- 1 Must earn a minimum of 125 credit hours, including 40 credit hours at 300+ level.
- 2 Must complete the last 30 credit hours of degree at Wingate University.
- 3 Must fulfill Lyceum requirement as outlined in Academic Catalog.