

Bachelor of Science in  
Secondary Education  
Concentration in Mathematics  
2026-2027 Academic Bulletin



### First Year

| 1st Semester (16 hrs) |                                |     | 2nd Semester (16 hrs) |                                |     |
|-----------------------|--------------------------------|-----|-----------------------|--------------------------------|-----|
| Course                | Title                          | hrs | Course                | Title                          | hrs |
| ENGL A101             | Composition                    | 3   | ENGL A102             | Composition and Literature     | 3   |
| MATH A108             | College Algebra                | 3   | MATH A111             | Precalculus I                  | 3   |
| HIST A101/A102        | Gen. Ed. Global Cultures       | 3   | MATH A112             | Precalculus II                 | 3   |
| BIOL A121             | Biological Science I           | 4   | SCHOOL REQ.           | Natural Sciences (with lab)    | 4   |
| SCHOOL REQ.           | Foreign Language or Humanities | 3   | GEN ED                | Social and Behavioral Sciences | 3   |

### Second Year

| 1st Semester (16 hrs) |                        |     | 2nd Semester (16 hrs) |                                |     |
|-----------------------|------------------------|-----|-----------------------|--------------------------------|-----|
| Course                | Title                  | hrs | Course                | Title                          | hrs |
| MATH 174              | Discrete Mathematics   | 3   | COMM A201/A241        | Gen. Ed. Oral Communication    | 3   |
| EDPY A334             | Adolescent Development | 3   | EDSE A312             | Teaching Diverse Population    | 3   |
| EDUC A245             | Technology Integration | 3   | EDFN A321             | Dynamics of Amer. Public Educ. | 3   |
| MATH A141             | Calculus I             | 4   | MATH A142             | Calculus II                    | 4   |
| GEN ED                | Humanities             | 3   | MATH A503             | Geometry for Teachers          | 3   |

### Third Year

| 1st Semester (16 hrs) |                              |     | 2nd Semester (16 hrs) |                                |     |
|-----------------------|------------------------------|-----|-----------------------|--------------------------------|-----|
| Course                | Title                        | hrs | Course                | Title                          | hrs |
| GEN ED                | Humanities                   | 3   | EDRD A518             | Content Area Read/Writing      | 3   |
| SCHOOL REQ.           | Social or Behavioral Science | 3   | EDSE A446             | Class Management/Assessment    | 4   |
| EDRD A318             | Foundations in Reading       | 3   | STAT A509             | Statistics                     | 3   |
| MATH A241             | Calculus III                 | 4   | MATH A544             | Linear Algebra                 | 3   |
| MATH A420             | History of Mathematics       | 3   | MATH A546             | Intro. to Algebraic Structures | 3   |

### Fourth Year

| 1st Semester (17 hrs)       |                                          |     | 2nd Semester (15 hrs) |                |     |
|-----------------------------|------------------------------------------|-----|-----------------------|----------------|-----|
| Course                      | Title                                    | hrs | Course                | Title          | hrs |
| EDSE A450                   | Methods of Teaching Math                 | 4   | EDSE A471             | Internship     | 12  |
| MATH A242                   | Ordinary Differential Equations          | 4   | EDSE A476             | Senior Seminar | 3   |
| MATH A554                   | Introduction to Analysis                 | 3   |                       |                |     |
| MATH A531                   | Foundations of Geometry                  | 3   |                       |                |     |
| HIST A201/A202 or POLI A201 | Gen. Ed. American Political Institutions | 3   |                       |                |     |