



Degree: BS Mathematics Program: Mathematics 6-12  
Total Hours: 132

**CLASS B EDUCATION PROGRAM CHECKLIST**

Institution: Birmingham-Southern College

Date Approved: 12/11/2020  
Date Expires: 12/30/2023  
Revisions: 8/10/2020

1 unit = 4 semester hours

**General Studies**

Shall include courses and /or experiences in the humanities, social studies, mathematics, and science.

**Humanities: 1-3 units**

- \_\_\_\_\_
- \_\_\_\_\_
- Communication: 3 units
- EH 102 or 208 (1)
- Creative Expression outside major (1)
- MA 335 (WR) (1)
- Humanities (1)
- \_\_\_\_\_
- \_\_\_\_\_

**Social studies: 1 units**

- \_\_\_\_\_
- Social Science EC,PS,PY,SO (1)
- \_\_\_\_\_
- \_\_\_\_\_

**Science: 1 unit**

- \_\_\_\_\_
- Natural Science-SM: AS,BI,CH,PH,UES 150(1)
- \_\_\_\_\_
- \_\_\_\_\_

**Mathematics:**

- Covered in major
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

**Other: 2-5**

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

**Professional Studies**

- ED 299 Exploring Teaching (1)
- ED 201 Introduction to Education (1)
- EPy 223 Dev Child in 21<sup>st</sup> Century (1)
- EPy 260 Survey of Exceptional Children (1)
- EPy 320 Educational Psychology (1)
- ED 319 Teaching Secondary Reading (1)
- ED 323 Teaching Secondary Subjects (.75)
- ED 342 Teaching Secondary Mathematics (.25)

- Internship:** ED 412 Internship IV 6-9 (1.5)
- ED 413 Internship V 10-12 (1.5)

**Teaching Field\*\***

Most teaching fields require an academic major as defined in Rule 290-3-3-.01(2).  
(List all courses required for the teaching field.)

- MA 231 Calculus I (1)
- MA 232 Calculus II (1)
- MA 310 Calculus III (1)
- MA 311 Differential Equations (1)
- MA 335 Transitions to Higher Math (1)
- MA 451 Abstract Algebra or 455 Topology (1)
- MA 458 Complex or 461 Real Analysis (1)
- MA 470 Research Seminar in Mathematics (1)
- MA 472 or MA 499 Senior Project in Math (1)
- Four additional units including
- MA 207 Statistics (1)
- MA 240 Discrete Structures (1)
- MA 317 Linear Algebra (1)
- MA 320 Geometry (1)

\*\*English Language Arts shall include courses in literature, grammar, reading skills, writing, speech, drama/theatre, and print or broadcast journalism. **General Social Studies** shall include courses in economics, geography, history, and political science. **General Science** shall include courses in biology, chemistry, Earth and space sciences, and physics.

**Dean of Education:**

Dr. Amelia G. Spencer

Date: May 21, 2020