

Secondary Education Mathematics (BS)

Degree Requirements

General Education Requirements (45 Hours)

Includes 3 hours of Math from Area III that will satisfy requirements in the TEACHING FIELD CORE.

Area I - Written Composition (2 Courses, 6 Hours)

- A. 3 hours: EH 101
- B. 3 hours: EH 102

Area II - Humanities & Fine Arts (4 Courses, 12 Hours)

- A. 3 hours: CA 110
- B. 3 hours from: EH 215, EH 216, EH 225, EH 226, EH 235, EH 236
- C. 3 hours from: ARH 100, ARH 103, ARH 123, ARS 101, DRA 110, MUL 101
- D. 3 hours from: AFR 101, ARH 100, ARH 103, ARH 123, ARS 101, DRA 110, EH 215, EH 216, EH 225, EH 226, EH 235, EH 236, LG 101, LG 102, LG 111, LG 112, LG 121, LG 122, LG 131, LG 132, LG 141, LG 142, LG 151, LG 152, LG 153, LG 171, LG 172, LG 173, LG 201, LG 202, LG 211, LG 212, LG 213, LG 221, LG 222, LG 231, LG 232, LG 234, LG 241, LG 242, LG 251, LG 252, LG 271, LG 272, LG 273, LGS 101, LGS 102, LGS 106, LGS 107, LGS 110, LGS 111, LGS 131, LGS 141, LGS 142, LGS 161, LGS 162, LGS 171, LGS 172, LGS 181, LGS 182, LGS 201, LGS 202, LGS 206, LGS 207, LGS 210, LGS 211, LGS 241, LGS 242, LGS 261, LGS 262, LGS 281, LGS 282, MUL 101, PHL 110, PHL 120, PHL 121, PHL 131, PHL 231, PHL 240, REL 100, REL 200, REL 201

Area III – Natural Sciences & Mathematics (3 Courses & Labs, 11-14 Hours)

- A. 4 hours: MA 125
- B. 8 - 10 hours: AN 121 & AN 121L, BLY 101 & BLY 101L or BLY 121 & BLY 121L, BLY 102 & BLY 102L or BLY 122 & BLY 122L, CH 101 & CH 101L, CH 103 & CH 103L, CH 131 & CH 131L, CH 132 & CH 132L, GEO 101 & GEO 101L, GEO 102 & GEO 102L, GY 111 & GY 111L, GY 112 & GY 112L, MAS 134 & MAS 134L, PH 101 & PH 101L, PH 104 & PH 104L, PH 114 & PH 114L, PH 115 & PH 115L, PH 201 & PH 201L, PH 202 & PH 202L

Area IV – History, Social & Behavioral Sciences (4 Courses, 12 Hours)

- A. 3 hours: HY 101, HY 102, HY 135, HY 136
- B. 9 hours from: AN 100, AN 101, ECO 215, ECO 216, GEO 114, GEO 115, GS 101, HY 101, HY 102, HY 135, HY 136, PSC 130, PSY 250, SY 109, SY 112

Area V - Health/Physical Education (3 Courses, 4 Hours)

- A. 3 hours: KIN 100
- B. 1 hour: PE Activity Course

Students must complete a 6 credit hour sequence either in literature (Area II – EH 215 & EH 216, EH 225 & EH 226, or EH 235 & EH 236) or history (Area IV – HY 101 & HY 102 or HY 135 & HY 136)

Major Requirements (111 Hours)

Professional Studies Core (10 Courses, 36 Hours)

- A. 36 hours: EDM 310, EDU 400, EPY 351, **EDU 340, EDU 341, EDU 342, EDU 363, EDU 451, EDU 454, and EDU 469**

Teaching Field Core (14 Courses, 45 Hours)

Includes 4 hours from GENERAL EDUCATION Area III.

- A. 32 hours from: MA 126, MA 227, MA 237, MA 238, MA 311, MA 320, MA 321, MA 410, MA 413, and ST 335

- B. 3 hours: ST 210 or ST 315
- C. 3 hours: MA 300-MA 499
- D. 3 hours: MA 300-MA 499

Minor Requirements (0 Hours)

A minor is not required for this degree program

Notes:

* Recommended Course

BOLD courses require admission to Candidacy as a prerequisite

Additional Information

E-portfolio And Assessment

Students enrolled in education classes are required to purchase a LiveText membership.

- <https://www.southalabama.edu/colleges/ceps/livetext.html>

Teacher Candidacy – Secondary Education

This major contains a professional component (Candidacy) comprised of upper level education courses (300-400 levels), grouped into three semesters (as shown on graduation plan), and are only available to students who have gained admission to Teacher Candidacy.

Admission Requirements For Teacher Candidacy

Courses and GPA

- Courses: CA 110, EH 101, EH 102, EDM 310, EDU 400, EPY 351, and 75% of Teaching Field (or no more than one semester of Teaching Field courses between methods and internship)>
- Hours: 60 credit hours of degree requirements completed
- Minimum Grade Point Averages: 2.75 Program, 2.75 Professional Studies, 2.75 Teaching Field, and 2.75 USA GPA (all GPAs found in degree audit). No grade below a "C" is accepted in Professional Studies.

Test

- Core Academic Skills for Educators Test: satisfactory completion of ALL parts (Math, Reading, and Writing) https://www.ets.org/praxis/al/al_teacher_ed/

ALSDE Background Check

- https://www.alsde.edu/sec/ec/Pages/background_clearance-all.aspx

Application, Liability Insurance, and Interview

- Completed and scheduled in the UCOM Advising Center during the semester prior to beginning Teacher Candidacy

Prerequisites and Certification/Graduation Requirements:

Semester 1 of Teacher Candidacy: EDU 340 Prerequisite

- Admission to Teacher Candidacy

Semester 2 of Teacher Candidacy: Methods Block (Fall Only-15 Credit Hours)

Prerequisites

- Successful Completion of EDU 340 with a Grade of C or better
- GPAs at Admission Requirements Levels

Semester 3 of Teacher Candidacy: Internship Prerequisites

- Praxis - Teaching Field Content Knowledge - Passing Score
https://www.ets.org/praxis/al/al_teacher_ed/
- Successful Completion of Methods Block with Grades of C or better
- GPAs at Admission Requirement Levels
- Student Teaching Application

Certification/Graduation Requirements Successful

- Completion of Student Teaching
- GPAS at Admission Requirement Level
- Passing Score on edTPA
- Application for Certification and Graduation

Secondary students will be required to participate in an opening of school experience during the fall immediately preceding either their methods block classes or their student teaching. This experience will take place at the beginning of the public school year which is prior to the beginning of U.S.A. classes.

NOTE: Praxis tests requirements are subject to change as prescribed by the ALSDE. Prior to registering for any Praxis exam, please verify current requirements by going directly to the ALABAMA portion of the ETS Praxis website at <http://ets.org/praxis/al>.

Graduation Plan

Secondary Education Mathematics (BS): (123 Total Hours)

First Year - Fall Semester

Course ID	Course Description	Hours
EH 101 (CP)	English Composition I	3
Fine Art	**Area II, C	3
History	**Area IV, A	3
M 125 (PR)	Calculus I	4
Science and Lab	**Area III, B	4
Total Hours		17

First Year - Spring Semester

Course ID	Course Description	Hours
EH 102 (CP)	English Composition II	3
History/Social Science	** Area IV, B	3
MA 126 (PR)	Calculus II	4
Science and Lab	**Area III, B	4
ST 210 (PR)	Stat Reasoning and Application	3
Total Hours		17

Second Year - Fall Semester

Course ID	Course Description	Hours
CA 110 (CP)	Public Speaking	3
Literature	**Area II, B	3
MA 227 (PR)	Calculus III	4
MA 237 (PR)	Linear Algebra	3
ST 335	Applied Regression Analysis	3
Total Hours		16

Second Year - Spring Semester

Course ID	Course Description	Hours
Edu 400 (CP)	Edu of Exceptional Children and Youth	3
Literature/Fine Arts/ Humanities	**Area II, D	3
MA 238 (PR)	Differential Equations	3
MA 320 (PR) (Fall and Spring Only)	Foundations of Mathematics	3
KIN 100	Concepts of Health and Fitness	3
PE 101-PE 157	PE Activity Course	1
<i>Take Core Exams</i>		3
Total Hours		16

Third Year - Fall Semester

Course ID	Course Description	Hours
EDM 310 (CP)	Microcomputing Systems in Education	3
EPY (CP)	Human Growth and Development	3
MA 311 (PR) (Fall Only)	Intro to Number Theory	3
MA 410 (Fall Only)	History of Mathematics	3
MA 300-MA 499	Upper Level Math Course	3
<i>Apply for Candidacy</i>		
Total Hours		15

Third Year - Spring Semester

Course ID	Course Description	Hours
EDU 340 (Spring or Summer Only)	Teaching Skills (W)	3

MA 321 (Spring Only)	Elementary Geometry	3
MA 413 (Spring Only)	Abstract Algebra	3
MA 400-MA 499	Upper Level Math Course	3
Social Science	**Area IV, B	3
Total Hours		15

Fourth Year - Fall Semester

Course ID	Course Description	Hours
EDU 341 (Fall Only)	Teaching Skills (W)	3
EDU 342 (Fall Only)	Secondary Field Experience	3
EDU 363 (Fall Only)	Teaching Special Needs Learners	3
EDU 451 (Fall Only)	Content Area literacy	3
EDU 454 (Fall Only)	Teaching Math	3
<i>Apply for Graduation</i>		
Total Hours		17

Fourth Year - Spring Semester

Course ID	Course Description	Hours
EDU 469	Internship - Math	9
Social Science	**Area IV, B	3
Total Hours		12

Notes

*Recommended Course

**See Degree Requirements

(PR) Prerequisite for course(s) taking in next semester

(CP) Prerequisite for Candidacy

BOLD courses require admission to Candidacy

(W) Courses that satisfy USA writing requirement (2 required)

Department Information

Department of Leadership and Teacher Education		(251) 380-2761
Chair	Dr. Susan Santoli	
Professors	Baxter, Bounds, Giles, Green, Kent, Santoli	
Associate Professors	Martin, Maulding-Green, Vitulli	
Assistant Professors	Brannan, Byrd, Carmouche, Delmas, Guffey, Johnson, Morton, Parrish, Reeves, Szatkowski	
Senior Instructor	Simpson	
Instructors	Holland	

Department of Leadership and Teacher Education website
<https://www.southalabama.edu/colleges/ceps/te/>

Undergraduate

The Department offers the Bachelor of Science degree in Education leading to Alabama Class B certification in the following areas: Elementary Education, Early Childhood Education, Secondary Education, and Special Education. The department offers the Bachelor of Science degree in Education with a major in Early Childhood Studies.

Graduate

The department offers the M.Ed. degree leading to Alabama Class A Certification in the following areas: Art Education, Instructional Leadership, Elementary Education, Early Childhood Education, English for Speakers of Other Languages, Secondary Education, and Special Education. The department offers the M.Ed. degree in Educational Administration with an emphasis in higher education leadership. The department also offers the Instructional Specialist degree (Ed.S.) leading to Alabama Class AA Certification in the following areas: Early Childhood Education, Elementary Education, Instructional Leadership, Reading Specialist, Secondary Education, Special Education and Teacher Leader. The department offers the Doctor of Education degree in Educational Leadership.