DEPARTMENT OF MATHEMATICS

For placement in Mathematics, see Mathematics Placement in this catalogue.

The purposes of the Department of Mathematics in the College of Education and Human Development are to provide appropriate mathematical education for elementary and secondary teachers, to prepare students for graduate study in mathematics, and to be of service to students majoring in fields other than Mathematics by offering certain specialized courses.

All students who desire to schedule Mathematics 161 or 165 must make a satisfactory score on the Mathematics section of the American College Test (ACT). Prospective mathematics majors who make an unsatisfactory score should consult with their advisors about the courses they will need to make up their mathematics deficiency.

Those whose scores indicate better than average preparation may wish advanced placement. Such students must take the departmental credit exam.

PRIMARY TEACHING AREA

For a primary teaching area in Mathematics Education, the department requires thirty-eight (38) hours, as specified below:

Mathematics 200[1]	5 hours
Mathematics 201	5 hours
Mathematics 223	3 hours
Mathematics 309	3 hours
Mathematics 312	3 hours
Mathematics 360	3 hours
Mathematics Education 365	2 hours
Mathematics 370	3 hours
Mathematics Education 375	2 hours
Mathematics 380 or 417	3 hours
Mathematics 460	3 hours
Mathematics Elective (400 level)	3 hours

SECONDARY TEACHING AREA

For a secondary teaching area in Mathematics Education, the department requires twenty-two (22) semester hours, as specified below:

Mathematics 200[1]	5 hours
Mathematics 201	5 hours
Mathematics 223	3 hours
Mathematics 309	3 hours
Mathematics 380[2]	3 hours
Mathematics 460	3 hours

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[1] Those students who are not eligible for advanced placement must take Math 165 before scheduling Math 200. See Mathematics Placement section of the catalogue.

[2] Students must select one of the following courses if a statistics course has been completed: Mathematics 350, 360, or 370.

Honors Diploma in the Discipline

The department also offers an upper-division honors curriculum allowing its students to earn an honors diploma in the major at graduation. For information about requirements and honors courses in this department, please contact the Department Head.

CURRICULUM IN MATHEMATICS EDUCATION
LEADING TO THE DEGREE OF BACHELOR OF SCIENCE

FIRST YEAR

FIRST SEMESTER	S.H	SECOND SEMESTER	S.H.
†Mathematics 200[1]	5	†Mathematics 201	5
English 101 or 121H	3	Communication 210	3
Computer Science 161	3	†English 102 or 122H	3
Library Science 102	1	Biological Science 151	3
Southeastern 101	0-3	†Elective (secondary teaching area)	3
†Elective (secondary teaching area)	3		
	15-18		17

SECOND YEAR

†Mathematics 312 3	†Mathematics 223 3
†Elective (secondary teaching area) 4	††Education 203 (Take with EDUC 212)...............2
History 201 or 202 3	††Education 212..1
English 230, 231, or 232 3	Social/Behavioral Science[5]....................................3
Physical Science[4]..3	†Elective (secondary teaching area).......................6
Biological or Physical Science[2] 3	
16	18

THIRD YEAR

†Mathematics 309 3	†Mathematics 360 3
†Mathematics 370 3	†Mathematics 380 or 417 3
†Educational Psychology 311 3	†Education 407 3
†Mathematics Education 365.................................2	†Education 472 3
Political Science 201 3	†Education 475..1
†Special Education 210..2	†Mathematics Education 375 2
16	15

FOURTH YEAR

†Mathematics 460 3	Education 486 9
†Mathematics Elective (400 level)[6] 3	†Elective (secondary teaching area).......................3
†Education 490...6	
Fine Art[3] 3	
†Educational Psychology 315................................3	
18	12

Total semester hours required   127-131

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more.

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[1]For placement in Mathematics 200, see Mathematics Placement in this catalogue.

[2]Must complete a one year sequence by taking Gbio 153, Chem 122, or Phys 222.

[3]To be taken from Visual Art, Music, Dance, or Theatre.

[4]Must be taken from Chem 121 or Phys 221.

[5]To be taken from Anthropology or Economics or Geography or Psychology or Sociology.

[6]Math 467 may not be used to satisfy this requirement.

†Student must make a grade of "C" or better.

††Student must make a grade of "B" or better