College of Education and Human Development

Mathematics

DEPARTMENT OF MATHEMATICS

- [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 Advanced Test as scheduled.

Majors

Students who select Mathematics as a major teaching field must complete a minimum of thirty-seven (37) hours in Mathematics. These hours are:

Mathematics 200 1	5 hours
Mathematics 201	5 hours
Mathematics 223	3 hours
Mathematics 309	3 hours
Mathematics 311	3 hours
Mathematics 312	3 hours
Mathematics 350, 360, or 370 (choose 2)	6 hours
Mathematics 460	3 hours
Mathematics Elective (400 level) (choose 2)	6 hours
Total	**37 hours**

Minors

Students who select Mathematics as a minor teaching field must complete a minimum of twenty-two semester hours in Mathematics. These hours are:

Mathematics 200 1	5 hours
Mathematics 201	5 hours
Mathematics 223	3 hours
Mathematics 309	3 hours
Mathematics 311, 350, 360, 370 or 460 (choose 2)	6 hours
NOTE: Mathematics 185 may not be used toward a major or minor teaching field.	
Total	**22 hours**

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.

Curriculum in Mathematics
Leading to the Degree of Bachelor of Arts

FIRST YEAR

First Semester	S.H.	Second Semester	S.H.
†Mathematics 200 1	5	†Mathematics 201	5
English 101	3	Communication 211	3
Computer Science 161	3	†English 102	3
Health Studies 132	2	Biological Science 2	4
Orientation 101	0-1		
Kinesiology Lab	1		
	14-15		15

SECOND YEAR

First Semester	S.H.	Second Semester	S.H.
†Mathematics 223	3	†Mathematics 311	3
†Mathematics 312	3	†Education 202	3
History 201	3	History 202	3
English 230, 231, or 232	3	English 230, 231, or 232	3
Physical Science 2	4	Biological or Physical Science 2	4
	16		16

THIRD YEAR

First Semester	S.H.	Second Semester	S.H.
†Mathematics 309	3	†Mathematics 350, 360. or 370	3
†Mathematics 350, 360, or 370	3	†Mathematics Elective (400 level)	3
†Educational Psychology 311	3	†Education 407	3
CMPS 233 or ETEC 305	3	†Education 472	3
Political Science 201	3	†Educational Psychology 315	3
		Kinesiology Lab	1
	15		16

FOURTH YEAR

First Semester	S.H.	Second Semester	S.H.
†Mathematics 460	3	†Education 486	9
†Mathematics Elective (400 level)	3	Elective	3
†Education 485	3		
†Education 488	1		
Art 3	3		
Political Science 202	3		
	16		12

Total Semester Hours Required= 120-121

Orientation 101 is not required of transfer or readmitted Southeastern students with 30 hours or more.
1 For placement in Mathematics 200, see Mathematics Placement in this catalogue.

2 Must complete a one year sequence in a Biological or Physical Science.

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

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