

## 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 Advanced Test as scheduled.

### MAJORS

Students who select Mathematics as a major teaching field must complete a minimum of thirty-eight (38) hours in Mathematics. These hours are:

Mathematics 200 <sup>†</sup>	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

### 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 <sup>†</sup>	5 hours
Mathematics 201	5 hours
Mathematics 223	3 hours
Mathematics 309	3 hours
Mathematics 350, 360, 370 or 460 (Choose 2)	6 hours

<sup>†</sup>Those students who are not eligible for advanced placement must take Math 165 before scheduling Math 200. See Mathematics Placement section of the catalogue.

### 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 SEMESTER	S.H.	FIRST YEAR	S.H.
†Mathematics 200 <sup>†</sup> .....	5	SECOND SEMESTER	
English 101 or 121H .....	3	†Mathematics 201 .....	5
Computer Science 161 .....	3	Communication 210 .....	3
Library Science 102 .....	1	†English 102 or 122H .....	3
Orientation 101 .....	0-1	Biological Science 151 .....	3
†Elective (secondary teaching area) .....	3	†Elective (secondary teaching area) .....	3
	15-16		17

†Mathematics 312 .....	3	SECOND YEAR	†Mathematics 223 .....	3
†Elective (secondary teaching area) .....	4		††Education 201 (Take with EDUC 211) .....	1
History 201 or 202.....	3		†Education 211 .....	2
English 230, 231, or 232 .....	3		Social/Behavioral Science <sup>5</sup> .....	3
Physical Science <sup>4</sup> .....	3		†Elective (secondary teaching area) .....	6
	16		Biological or Physical Science .....	3
				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) <sup>6</sup> .....	3		†Elective (secondary teaching area) .....	3
†Education 490 .....	6			
Fine Art <sup>3</sup> .....	3			
†Educational Psychology 315.....	3			
	18			12
Total semester hours required				127-128
Orientation 101 is not required of transfer or readmitted Southeastern students with 30 hours or more.				

<sup>1</sup>For placement in Mathematics 200, see Mathematics Placement in this catalogue.

<sup>2</sup>Must complete a one year sequence by taking Gbio 153, Chem 122, or Phys 222.

<sup>3</sup>To be taken from Visual Art, Music, Dance, or Theatre.

<sup>4</sup>Must be taken from Chem 121 or Phys 221.

<sup>5</sup>To be taken from Anthropology or Economics or Geography or Psychology or Sociology.

<sup>6</sup>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.