

Course Numbering Change – Transition

The new ordering and numbering of the mathematics content courses for students in ELED, SPED, and ECED is active as of Fall 2011.

BOLD courses are required for the major. Most students are required to take three mathematics content courses, plus the math teaching methods course MATH 352.

<i>Student</i>	<i>Accepted before fall 2011</i>	<i>Accepted for fall 2011 or later</i>
First course	MATH 150: Reasoning	MATH 153: Number Systems
Second course	One course among MATH 251: Geometry/Measurement MATH 252: Statistics/Probability MATH 253: Number Systems (advised)	MATH 250: Patterns, Algebra, Reasoning or MATH 252: Data Analysis and Statistics
Third course	One of the remaining MATH 251: Geometry/Measurement MATH 252: Statistics/Probability MATH 253: Number Systems	MATH 251: Geometry/Measurement Or MATH 252: Data Analysis and Statistics
Junior Year	MATH 352: Teaching Mathematics (PreK-2) or (1-6)	MATH 352: Teaching Mathematics (PreK-2) or (1-6)

For the next few years, the Number Systems course will be numbered as both MATH 153 and MATH 253, depending on when the student entered the program. MATH 153 and MATH 253 will be one and the same course. Analogously: MATH 150 = MATH 250.

Students accepted into the program before fall 2011 will fall under the old system, i.e. they have to take MATH 150 and one or two from among MATH 251, 252, or 253. We strongly recommend to include MATH 253, since 45% of the MTEL content is from MATH 253. Most students will have to take three of these courses, including MATH 150. While MATH 150 is a prerequisite for the MATH 25x courses, there will be some flexibility in enforcing the MATH 150 prerequisite for MATH 253, i.e. a student may request to take MATH 253 before MATH 150. Talk to me.

Students accepted into the program in fall 2011 or later will fall under the new system, i.e. they have to first take MATH 153 (Number Systems), then MATH 250 (Patterns, Algebra, Reasoning), in this order. If students can't get into MATH 250 right after completing MATH 153, they can also take MATH 252 (Data Analysis and Probability) as a second course and take MATH 250 later.

Prerequisites for MATH 352 Teaching Mathematics (PreK-6) are both of MATH 153, MATH 250; plus EDUC 319 are a pre-/co-requisite (pending governance action).