

**MATHEMATICS
MIDDLE CHILDHOOD LICENSE**

(20-22 credits)
OAE TEST (030)

Course #	Course Title	Hours	Grade	Semester/Year	Semester Offered
Math Core – Required					
MT 135	Calculus & Analytic Geometry I	4			Every semester
Or					
MT 133/134	Calculus & Analytic Geometry 1A/1B	3 + 3			
DATA 122**	Elementary Statistics	3			
MT 175	Foundations of Elementary Mathematics	3			Fall
MT 224	Basic Probability (pre-requisite MT 135)	1			Spring '17, '19
MT 241	Foundations of Middle School Mathematics (pre-requisite MT 135)	3			Fall '19, '21, '23
MT 251	Topics from Middle School Mathematics (pre-requisite MT 135)	3			Fall '20, '22, '24
Elective	MT or CS (approval required by adviser)	3			

**Meets Quantitative Analysis Core Requirement

Some of these courses are offered only every two years, and others are offered only once per year. Middle childhood Education majors pursuing the Mathematics Curriculum Content Area should take MT 135 and MT 175 during their first year, to ensure that they have satisfied the prerequisites for MT 241 and MT 251 in time to take those courses.

Revised Fall 2019