



## Indiana University Bloomington

### Middle School Mathematics Addition (31cr)

Licensed teachers in elementary or secondary may add this middle school content area.

#### *Mathematics Requirements*

**23cr**

MATH M211 Calculus and Analytical Geometry I	4 cr
MATH M212 Calculus and Analytical Geometry II	4 cr
EDUC N510 Topics in Middle Grades Math	3 cr
EDUC N443 (P: E343) Teaching Elementary School Math Problem Solving	3 cr

#### **Electives:** *Choose 9 credits from below*

**9 cr**

MATH K300 or K310 Statistics (3cr) or M365 Probability and Statistics (3cr)	
MATH M330 Exploring Math Ideas (P: M211) (3cr)	
Math T336 Euclidean Geometry (P: M212) (3cr)	
MATH M380 History of Mathematics (P: M212) (3cr)	

#### *Professional Education requirements if added to an elementary license*

**9 cr**

EDUC P516 Adolescent Psychology	3cr
EDUC S505 The Junior High/Middle School	3cr
EDUC S500 Field-Based Seminar	3cr

#### *Additional mathematics classes*

#### *if added to a secondary license in a different content field.*

**9 cr**

MATH T101 Math for Elementary Teachers I	3 cr
MATH M118 or T102 or EDUC N102 Math for Elementary Teachers II	3 cr
MATH T103 or EDUC N103 Math for Elementary Teachers III	3 cr