CURRENT IU BULLETIN DESCRIPTIONS

MATH-T 101 Mathematics for Elementary Teachers 1 (3 cr.) P: C or higher in MATH-A 100 or equivalent, or Level 3 on mathematics placement examination. Elements of set theory, counting numbers. Operations on counting numbers, integers, rational numbers, and real numbers. Only open to elementary education majors. I, II, S

MATH-T 102 Mathematics for Elementary Teachers 2 (3 cr.) P: C or higher in MATH-T 101. Prime numbers and elementary number theory. Elementary combinatorics, probability, and statistics. I, II, S


T101: Chapters 1-5, Chapter 6 through section 3
T102: Chapter 6 starting at section 4, Chapters 7, 8, 9, 15, 16
T103: Chapters 10 - 14.

T101
- Numbers and Base 10 systems
- Fractions and problem solving
- Addition and subtraction including properties of the operations
- Multiplication (whole numbers, fractions, decimals, negative numbers)
- Division of whole numbers

T102
- Division of fractions
- Ratio and proportion
- Number theory
- Algebra
- Statistics and Probability

T103
- Geometry
- Measurement
- Area of shapes
- Solid shapes and their volume and surface area
- Geometry of motion and change

Sample syllabi prepared by individual faculty members are available from Professor Anne Brown abrown@iusb.edu or the department secretary.