

# MATHEMATICS

<b>MINOR REQUIREMENTS (18 credit hours)</b>		
<b>SEMESTER OR TERM</b>	<b>COURSE NUMBER &amp; TITLE</b>	<b>CREDIT HOURS</b>
<b>REQUIRED (9)</b>		
	MAT 221 Statistics (GE) (3)	3
	MAT 242 Calculus II (GE) (3)	3
	MAT 343 Linear Algebra (3)	3
<b>ELECTIVES (9)</b>		

**Program Coordinator: Dr. Gertrud Kraut**

## **General Education**

MAT 241 Calculus I (GE) (4)

### **Required (9 credit hours):**

MAT 221 Statistics (GE) (3)

MAT 242 Calculus II (GE) (3)

MAT 343 Linear Algebra (3)

### **Electives (9 credit hours from among the following):**

MAT 275R Topics in Mathematics (Var.)

MAT 321 Mathematical Statistics I

MAT 322 Mathematical Statistics II

MAT 332 Discrete Mathematics

MAT 341 Calculus III (3)

MAT 344 Elementary Differential Equations (3)

MAT 355 History of Mathematics (3)

MAT 356 Number Theory (3)

MAT 360 Abstract Algebra I (3)

MAT 365 Geometry (3)

MAT 375R Topics in Mathematics (Var.)

MAT 385R Directed Study in Mathematics (Var.)

MAT 399 Internship/Practicum in Mathematics (1-3)

MAT 410 Intro to Numerical Analysis (3)

MAT 441 Real Analysis (3)

MAT 446 Complex Analysis for Applications (3)

MAT 460 Abstract Algebra II (3)

MAT 499 Senior Internship/Practicum in Mathematics (1-3)

PHI 223 Introduction to Logic (GE) (3)