

**Mathematics (9-12)**  
**Appalachian State University**

Minimum of two (2) semester hours are required to fulfill each of the following competencies unless otherwise noted.

Competency		Course Prefix & Number	Course Title	Course Offerings
A	Linear Algebra	MAT 2240	Introduction to Linear Algebra	
B	Abstract Algebra	MAT 3110	Introduction to Modern Algebra	
		MAT 4720	Abstract Algebra	
C	Geometry	MAT 3610	Introduction to Geometry	
D	Calculus	MAT 1110, 1120	Calculus with Analytic Geometry I, II	
E	Statistics	MAT 4930	Basic Concepts of Probability & Statistics	
		STT 2810	Introduction to Statistics	
		STT 3820, 3830	Statistical Methods I, II	
F	Logic/Discrete Mathematics	CS 1100	Discrete Mathematics	
		MAT 3310	Discrete & Continuous Mathematical Models	
		MAT 3910, 3920	Introduction to the Logic & Structure of Mathematics I, II	

Posted: Spring 2018  
Revised: Spring 2018

**Course Offering Codes:**

F=Fall, S=Spring, SS=Summer Session, UD=Upon Demand  
e=even years, o=odd years, ^=online

Course typically offered **on campus** if shaded.

**Notes:**

- These are typical course offering schedules. Courses are not guaranteed to be offered at these times.
- Please check with the college/university for course availability each semester.
- Some courses require prerequisites be met prior to registration. An asterisk (\*) denotes a prerequisite course.
- For more information from this institution, click here, <http://www.appstate.edu/>.