

# COURSE OUTLINE FOR MATHEMATICS

## ATHENS STATE UNIVERSITY

Fall 2018 - Summer 2020

*This schedule is a **Proposed Schedule**. Changes may be necessary due to change in staff, budget restraints, low enrollment, etc. Refer to posted class schedule for course offerings and to online or printed catalog for course descriptions and prerequisites.*

D = Day

N = Night

DL = Distance Learning Format

BL= Blended Class Format; Some on-campus visits required.

### FALL EVEN YEAR (2018)

MA 301 Precalculus Algebra DL-Internet  
MA 303 Calculus I N  
MA 308 Discrete Mathematics D  
MA 309 Business Calculus DL, Internet  
MA 310 Matrices & Linear Algebra D  
MA 311 Advanced Math for Teachers D, N, BL  
MA 314 College Geometry N  
MA 330 Advanced Mathematical Software D  
MA 331 Applied Probability and Statistics (Alg) D  
MA 380 Topics in Secondary Mathematics Education  
MA 452 Introductory Real Analysis N  
MA 445 Math Modeling and Simulation, N  
MA 454 Methods and Materials (Math Ed) D  
MA 470 Senior Math Seminar N

### FALL ODD YEAR (2019)

MA 301 Precalculus Algebra DL-Internet  
MA 303 Calculus I N  
MA 308 Discrete Mathematics D  
MA 309 Business Calculus DL, Internet  
MA 310 Matrices & Linear Algebra D  
MA 311 Advanced Math for Teachers D, N, BL  
MA 314 College Geometry N  
MA 330 Advanced Mathematical Software D  
MA 331 Applied Probability and Statistics (Alg) D  
MA 380 Topics in Secondary Mathematics Education  
MA 452 Introductory Real Analysis N  
MA 445 Math Modeling and Simulation, N  
MA 454 Methods and Materials (Math Ed) D  
MA 470 Senior Math Seminar N

### SPRING ODD YEAR (2019)

MA 301 Precalculus Algebra DL-Internet  
MA 302 Precalculus Trigonometry DL, Internet  
MA 304 Calculus II N  
MA 308 Discrete Mathematics N or BL  
MA 311 Advanced Math for Teachers D, N, BL  
MA 320 Introduction to Abstract Algebra D  
MA 321 Differential Equations D  
MA 330 Advanced Mathematical Software D  
MA 331 Applied Probability and Statistics N  
MA 380 Topics in Secondary Mathematics Education  
MA 401 Complex Variables N  
MA 423 Numerical Analysis, N  
MA 454 Methods and Materials (Math Ed) D

### SPRING EVEN YEAR (2020)

MA 301 Precalculus Algebra DL-Internet  
MA 302 Precalculus Trigonometry DL-Internet  
MA 304 Calculus II N  
MA 308 Discrete Mathematics N or BL  
MA 311 Advanced Math for Teachers D, N, BL  
MA 320 Introduction to Abstract Algebra D  
MA 321 Differential Equations D  
MA 330 Advanced Mathematical Software D  
MA 331 Applied Probability and Statistics N  
MA 380 Topics in Secondary Mathematics Education  
MA 401 Complex Variables N  
MA 423 Numerical Analysis, N  
MA 454 Methods and Materials (Math Ed) D

### SUMMER ODD YEAR (2019)

MA 301 Precalculus Algebra DL-Internet  
MA 305 Calculus III N (Two nights per week = 4 Sem Hr)  
MA 308 Discrete Mathematics BL - D  
MA 309 Business Calculus DL, Internet  
MA 310 Matrices & Linear Algebra BL- D  
MA 314 College Geometry N  
MA 320 Introduction to Abstract Algebra N  
MA 431 Introduction to Mathematical Statistics (Calc) N  
MA 470 Senior Math Seminar D

### SUMMER EVEN YEAR (2020)

MA 301 Precalculus Algebra DL-Internet  
MA 305 Calculus III N (Two nights per week = 4 Sem Hr)  
MA 308 Discrete Mathematics BL - D  
MA 309 Business Calculus DL, Internet  
MA 310 Matrices & Linear Algebra BL- D  
MA 314 College Geometry N  
MA 320 Introduction to Abstract Algebra N  
MA 431 Introduction to Mathematical Statistics (Calc) N  
MA 470 Senior Math Seminar D

