

## Tentative Mathematics Course Rotation

Every Semester	
* MA 090 Preparation for Quantitative Reasoning (3)	MA 152 Calculus and Analytic Geometry II (5) <i>Prerequisite: MA 151</i>
* MA 095 Preparation for College Algebra Pathway (3)	MA 200 Number & Operation for Elem Teachers (3) <i>Prerequisite: MA 112</i>
>* MA 112 Contemporary College Mathematics (3) <i>Prerequisite: MA 090</i>	MA 201 Geom, Prop & Data Analysis for Elem Teachers (3) <i>Prerequisite: MA 200</i>
>* MA 116 College Algebra (3) <i>Prerequisite: MA 095</i>	MA 206 Discrete Math for Computing (3) <i>Prerequisite: CM 111 and (MA 116 or MA 123)</i>
> MA 117 Trigonometry (3) <i>Prerequisite: MA 116</i>	MA 253 Calculus and Analytic Geometry III (3) <i>Prerequisite: MA 152</i>
> MA 123 Precalculus (3) <i>Prerequisite: MA 116 or MA 117</i>	MA 316 Teaching Algebra (1) <i>Prerequisite: MA 230 and MA 151</i>
>* MA 140 Statistics (3) <i>Prerequisite: MA 112 or MA 116</i>	MA 317 Teaching Trigonometry (1) <i>Prerequisite: MA 230 and MA 151</i>
> MA 141 Applied Calculus I (3) <i>Prerequisite: MA 116 or MA 123</i>	MA 318 Teaching Statistics (1) <i>Prerequisite: MA 230 and MA 151</i>
> MA 151 Calculus and Analytic Geometry I (5) <i>Prerequisite: MA 117 or MA 123</i>	380 Problem Solving Strategies (1) <i>Prerequisite: MA 152</i>
<b>&gt; General Education Course; * Typically offered in Summer Terms</b>	

Fall Semester, Odd Years	Fall Semester, Even Years
MA 108 College Algebra Preparation (3)	MA 108 College Algebra Preparation (3)
MA 230 Math Middle/Secondary Teachers (4) <i>Prerequisite: MA 116</i>	MA 230 Math Middle/Secondary Teachers (4) <i>Prerequisite: MA 116</i>
MA 301 Linear Algebra (3) <i>Prerequisite: MA 152</i>	MA 301 Linear Algebra (3) <i>Prerequisite: MA 152</i>
MA 342 Statistical Computing (3) <i>Prerequisite: MA 140</i>	MA 320 Math for Middle School Teachers (3) <i>Prerequisite: MA 204 or MA 230</i>
MA 344 Math Stats. I (3) <i>Prerequisite: MA 253 and one of MA 340/341/346</i>	MA 346 Regression Analysis (3) <i>Prerequisite: MA 140</i>
MA 354 Abstract Algebra (3) <i>Prerequisite: MA 253 and MA 207</i>	MA 361 Game Design (3) <i>Prerequisite: MA 112 or MA 116</i>
MA 361 Game Design (3) <i>Prerequisite: MA 112 or MA 116</i>	MA 371 Real Analysis I (3) <i>Prerequisite: MA 253 and MA 207</i>
ED 363 Methods of Teaching Math in Secondary (3) <i>Prerequisite: Admission to Teacher Education</i>	MA 384 Theory of Interest (3) <i>Prerequisite: MA 152 or concurrent</i>
MA 388 Capstone Research (1) <i>Prerequisite: MA 151, MA 152, MA 253, MA 301, &amp; MA 380</i>	MA 388 Capstone Research (1) <i>Prerequisite: MA 151, MA 152, MA 253, MA 301, &amp; MA 380</i>

Spring Semester, Even Years	Spring Semester, Odd Years
MA 204 Number Theory for Mid and Sec Teachers (3) <i>Prerequisite: MA 151 or MA 230</i>	MA 204 Number Theory for Mid and Sec Teachers (3) <i>Prerequisite: MA 151 or MA 230</i>
MA 207 Discrete Math (3) <i>Prerequisite: PH 220 and one of MA 151/204/206</i>	MA 207 Discrete Math (3) <i>Prerequisite: PH 220 and one of MA 151/204/206</i>
MA 331 Differential Equations (3) <i>Prerequisite: MA 253 or concurrent</i>	MA 331 Differential Equations (3) <i>Prerequisite: MA 253 or concurrent</i>
MA 340 ANOVA/Design of Exp (3) <i>Prerequisite: MA 140</i>	MA 341 Nonparametrics/QC (3) <i>Prerequisite: MA 140</i>
MA 345 Math Stats. II (3) <i>Prerequisite: MA 344</i>	MA 348 Time Series Analysis (3) <i>Prerequisite: MA 344 and MA 346</i>
MA 347 Stochastic Processes (3) <i>Prerequisite: MA 344</i>	MA 367 Modern Geometry (3) <i>Prerequisite: MA 151</i>
MA 381 History of Math (3) <i>Prerequisite: MA 151</i>	MA 372 Real Analysis II (3) <i>Prerequisite: MA 371</i>
	MA 385 Actuarial Math (3) <i>Prerequisite: MA 344, MA 384</i>
	CM/MA 334 Modeling with VBA/Excel (3) <i>Prerequisite: CM 111 and MA 140</i>