

# Graduate Student

# Department Class Planner

Student Name: \_\_\_\_\_

Date: \_\_\_\_\_

Email: \_\_\_\_\_

Phone: \_\_\_\_\_

**Emphasis** (circle one)      Mathematics    Statistics

**Dept. Advisor:** \_\_\_\_\_

**Degree?** (circle one)      MS    IPhD.

**GTA?** (circle one)    Yes    No.

**Personal Class Schedule** [Please mark with an X.]    **F** = Fall    **Sp** = Spring    **Su** = Summer

Courses ↓	F 07	Sp 08	Su 08	F 08	Sp 09	Su 09	F 09	Sp 10	Su 10
	<b>Core - Math</b>								
Math 5509									
Math 5513									
Math 5532									
Math 5510									
Math 5521									
Math 5545									
<b>Core - Stat</b>									
Stat 5501									
Stat 5537									
Stat 5551									
Stat 5547									
Stat 5565									
Stat 5572									
<b>Prerequisites</b>									
Math 345									
Math 402									
Math 407									
Math 410									
Math 412									
Math 420									
Stat 436									
<b>Other – 400s</b>									
Math 414/5514									
Math 424/5524									
Math 430									
Math 440									
Stat 441									
Math 464 WI									
<b>Other – 5500s</b>									
Math 5517									
Math 5519									
Math 5523									
Math 5542									
*Other									
*Other									

\* = Not regularly offered

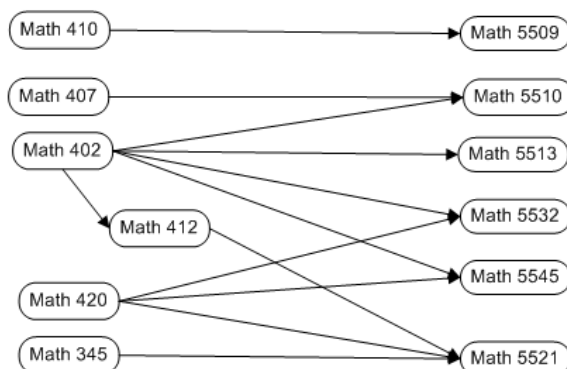
**Shaded Block** = Not Offered

**Open Block** = Offered

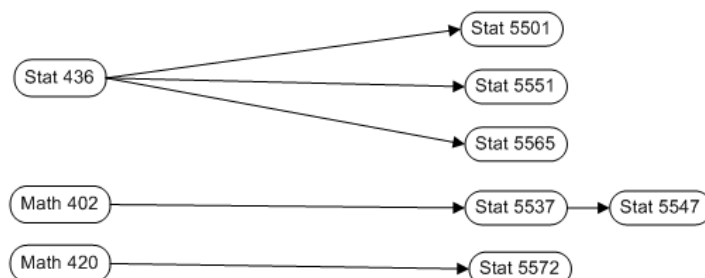
# UMKC Department of Mathematics and Statistics

**MS Degree**  
**Core 5500-level Courses**  
 Courses to the left are prerequisite  
 for courses to the right.

## Emphasis - Mathematics (6 Core Courses)



## Emphasis - Statistics (6 Core Courses)



### 300 Level Courses

Math 345 Ordinary Differential Equations

### 400 Level Courses

Math 402 Advanced Analysis I  
 Math 407 Introduction to Complex Variables  
 Math 410 Modern Algebra  
 Math 412 Advanced Analysis II  
 Math 414/5514 Mathematics for Sec. Teachers: Alg. & Anal.  
 Math 420 Linear Algebra II  
 Math 424/5524 Mathematics for Sec. Teachers: Geometry  
 Math 430 Numerical Analysis I  
 Math 440 Numerical Analysis II  
 Math 464WI History of Mathematics, Writing Intensive

Stat 436 Introduction to Mathematical Statistics I  
 Stat 441 Introduction to Mathematical Statistics II

### 5500 Level Courses

Math 5509 General Algebra I  
 Math 5510 Complex Variables I  
 Math 5513 Real Variables I  
 Math 5517 Matrix Theory I  
 Math 5519 General Algebra II  
 Math 5521 Differential Equations  
 Math 5523 Real Variables II  
 Math 5532 Advanced Numerical Analysis I  
 Math 5542 Advanced Numerical Analysis II  
 Math 5545 Math. Methods for Sci. & Eng.  
 Math 5552 General Topology  
 Math 5557 Functional Analysis

Stat 5501 Statistical Design of Experiments  
 Stat 5537 Mathematical Statistics I  
 Stat 5547 Mathematical Statistics II  
 Stat 5551 Applied Statistical Analysis  
 Stat 5561 Time Series Analysis  
 Stat 5565 Regression Analysis  
 Stat 5572 Multivariate Analysis  
 Stat 5576 Probability