

## 2011 - 2012

### ADVANCED UNDERGRADUATE MATHEMATICS AND STATISTICS COURSES

The *tentative* schedule of advanced undergraduate courses given below is for you to use in planning your upcoming academic year. This schedule may be revised from time to time. For current information, see [www.math.wright.edu](http://www.math.wright.edu) or contact the Department of Mathematics and Statistics at 775-2785.

#### FALL 2011 (September – November)

##### MTH Courses

##### STT Courses

	255	LINEAR ALGEBRA	2:45-4:00	MW		363	ENGINEERING STATISTICS	2:15-3:30	TR
WI	280	INTRO TO MATHEMATICAL PROOF	2:15-3:30	TR		426	SURVIVAL ANALYSIS	4:10-5:50	MW
	304	ADV. ENGINEERING MATH I	2:40-3:55	TR		461	THEORY OF STATISTICS I	4:10-5:50	TR
^	306	MATHEMATICAL MODELING	12:20-1:35	TR	WI	466	STATISTICAL METHODS I	6:30-8:20	TR
	316	NUMERICAL METH/DIGITAL COMP I		+					
^	332	COMPLEX VARIABLES	4:10-5:25	TR					
	381	ELEMENTARY NUMBER THEORY	4:10-5:25	MW					
	410	THEORETICAL FOUND OF COMP		+					
	431	REAL VARIABLES I	2:45-4:00	TR					
	458	APPLIED GRAPH THEORY	6:05-7:20	MW					
	476	COMPUTER GRAPHICS I		+					
*	480	METH APPL MATH: GEOMETRIC	4:10-5:25	MW					

#### WINTER 2012 (January – March)

##### MTH Courses

##### STT Courses

	304	ADV. ENGINEERING MATH I	4:10-5:25	MW		360	APPLIED STATISTICS I	1:30-2:35	MWF
	305	ADV. ENGINEERING. MATH II	2:40-3:55	TR	†	430	BIOSTATISTICS	4:10-5:50	TR
	317	NUMERICAL METH/DIGITAL COMP II		+		462	THEORY OF STATISTICS II	4:10-5:50	TR
^	333	PAR DIFF EQUA & BOUND VALUE	12:20-1:35	TR	WI	467	STATISTICAL METHODS II	6:30-8:20	TR
	355	ADVANCED LINEAR ALGEBRA	2:45-4:00	TR					
^	407	OPTIMIZATION TECHNIQUES	1:30-2:45	MW					
	416	MATIX COMPUTATIONS		+					
	419	CRYPTOGRAPHY/DATA SECURITY	6:05-7:20	MW					
	432	REAL VARIABLES II	4:10-5:25	TR					
	451	INTRO TO MODERN ALGEBRA I	2:45-4:00	MW					
	471	GEOMETRY	6:05-7:20	TR					
	477	COMPUTER GRAPHICS II		+					
*	481	METH APPL MATH: DIFF. EQ	4:10-5:25	MW					

#### SPRING 2012 (March – June)

##### MTH Courses

##### STT Courses

	255	LINEAR ALGEBRA	4:10-5:25	TR		361	APPLIED STATISTICS II	1:30-2:35	MWF
WI	280	INTRO TO MATHEMATICAL PROOF	2:45-4:00	MW		363	ENGINEERING STATISTICS	6:05-7:20	TR
	305	ADV. ENGINEERING. MATH II	4:10-5:25	MW		464	COMPUTATIONAL STATISTICS	6:05-7:45	MW
	316	NUMERICAL METH/DIGITAL COMP I		+		469	INTRO TO EXPERIMENTAL DESIGN	6:30-8:20	TR
^	332	COMPLEX VARIABLES	2:15-3:30	TR	WI	492	UNDERGRADUATE SEMINAR	12:20-1:35	TR
	416	MATRIX COMPUTATIONS		+					
	433	REAL VARIABLES III	4:10-5:25	TR					
WI	440	HISTORY OF MATHEMATICS	12:15-1:30	MW					
^	451	INTRO TO MODERN ALGEBRA I	4:10-5:25	MW					
	452	INTRO TO MODERN ALGEBRA II	2:45-4:00	MW					
*	456	CODING THEORY	6:05-7:20	MW					
	457	COMBINATORICS	6:05-7:20	TR					
*	482	METH APPL MATH: INTEGRAL	4:10-5:25	MW					
WI	491/2	UNDERGRADUATE SEMINAR	12:20-1:35	TR					

#### SUMMER 2012 (June – August)

*These Summer courses are subject to cancellation if enrollments are low. Please contact the department in June to find out the status of these courses.*

##### MTH Courses

##### STT Courses

	257	DISCRETE MATH FOR COMPUTING	6:05-7:20	TR	*	401	NONPARAMETRIC METHODS	6:05-7:45	MW
	419	CRYPTOGRAPHY/DATA SECURITY	4:10-5:25	MW					
	471	GEOMETRY	4:10-5:25	TR					

\* Offered only in alternate years    ^ Offered this quarter only in alternate years    + Contact CS department for time    † Not for credit for stat majors  
# Note the change in the title of the course    WI May be taken as writing intensive    @ New Course