

## Course Rotation List

Course	Cross-Listing	Title	Area	Rotation Schedule Per Catalog	Next Projected Offering
1010		Math for the Liberal Arts		Every Fall, Summer, Spring	Fall 2010
1070		Algebra for Social Sciences & Business		Every Fall, Summer, Spring	Fall 2010
1080		Polynomial Calculus		Every Fall, Summer, Spring	Fall 2010
1110		College Algebra		Every Fall, Summer, Spring	Fall 2010
1120		College Trigonometry		Every Fall, Summer, Spring	Fall 2010
1130		Pre-Calculus		Every Fall and Spring	Fall 2010
1401		Calculus I		Every Fall, Summer, Spring	Fall 2010
2411		Calculus II		Every Fall, Summer, Spring	Fall 2010
2421		Calculus III		Every Fall, Summer, Spring	Fall 2010
2511		Discrete Structures		Every Fall and Spring	Spring 2011
2830		Introduction to Statistics	Statistics	Every Fall, Summer, Spring	Fall 2010
3000		Introduction to Abstract Math	General	Every Fall, Summer, Spring	Fall 2010
3040		Math for Elementary Teachers		Every Fall, Summer, Spring	Fall 2010
3140		Intro to Modern Algebra	General	Every Spring	Spring 2011
3191		Applied Linear Algebra	General	Every Fall, Summer, Spring	Fall 2010
3195		Linear Algebra & Differential Equ.	General	Every Fall and Spring	Fall 2010
3200		Elementary Differential Equations	General	Every Fall, Summer, Spring	Fall 2010
3210		Higher Geometry I	Discrete	Every Fall	Fall 2010
3250		Problem Solving with Computers	General	Every Fall and Spring	Fall 2010
3301		Intro to Operations Research I: Deterministic	OR	Every Fall	Fall 2010
3302		Intro to Operations Research II	OR	Infrequent	
3440		Intro to Symbolic Logic	Philosophy	Infrequent	
3511		Mathematics for Chemistry	General	Every Fall	Fall 2010
3800		Prob & Stats for Engineers	Statistics	Every Fall, Summer, Spring	Fall 2010
4010	5010	History of Mathematics	General	Every Fall	Fall 2010
4101		Applied Statistics Using SAS and SPSS I	Statistics	Infrequent	
4201	7201	Topology	General	Infrequent	Spring 2011
4220		Higher Geometry II	Discrete	Spring of odd # years	Spring 2011
4310		Introduction to Real Analysis I	General	Every Fall	Fall 2010
4320		Introduction to Real Analysis II	General	Every Spring	Spring 2011
4387	5387	Regression Analysis, Modeling & Time Series	Statistics	Every Fall	Fall 2010
4390	5390	Game Theory	OR	Every Summer	Summer 2011
4394	5394	Experimental Designs	Statistics	Infrequent	
4408		Applied Graph Theory	Discrete	Every Fall and Spring	Fall 2010
4409		Applied Combinatorics	Discrete	Every Spring	Spring 2011
4450		Complex Variables	General	Infrequent	
4576	5576	Math foundations of Artificial Intell I	CSC	Infrequent	
4650		Numerical Analysis I	CM	Every Fall	Fall 2010
4660		Numerical Analysis II	CM	Every Spring	Spring 2011
4674	5674	Parallel Computing and Architectures	CSC	Infrequent	
4733	5733	Partial Differential Equations		Infrequent	Fall 2011
4779	5779	Math Clinic	General	Every Fall and Spring	Fall 2010
4791	5791	Continuous Modeling	CM	Fall of even # years	Fall 2010
4792	5792	Probabilistic Modeling	OR	Fall of odd # years	Fall 2011
4793	5793	Discrete Math Modeling	Discrete	Spring of even # years	Spring 2012
4794	5794	Optimization Modeling	OR	Spring of odd # years	Spring 2011
4810	5310	Probability	OR	Every Fall and Summer	Fall 2010
4820	5320	Statistics	Statistics	Every Spring	Spring 2011
4830	5830	Applied Statistics	Statistics	Every Fall and Spring	Fall 2010
5010	4010	History of Mathematics	General	Every Fall	Fall 2010
5070		Applied Analysis	General	Every Fall	Fall 2010

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5110	4110	Theory of Numbers	Discrete	Fall of odd # years	Fall 2011
5135		Functions of a Complex Variable	General	Infrequent	
5198		Mathematics for Bioscientists	General	Infrequent	
5310	4810	Probability	OR/Statistics	Every Fall	Fall 2010
5320	4820	Statistics	Statistics	Every Spring	Spring 2011
5350		Mathematical Theory of Interest	General	Every other year	Spring 2011
5351		Actuarial Models	General	Every other Fall	Fall 2011
5380		Sample Surveys	Statistics	Infrequent	
5387	4387	Regression Analysis, Modeling & Time Series	Statistics	Every Fall	Fall 2010
5390	4390	Game Theory	OR	Every Summer	Summer 2011
5394		Experimental Designs	Statistics	Infrequent	
5410		Modern Cryptography	Discrete	Spring of even # years	Spring 2012
5432		Computational Graph Theory	Discrete	Infrequent	
5446		Theory of Automata	General	Infrequent	
5490		Network Flows	OR	Spring of even # years	Spring 2012
5576	4576	Math foundations of Artificial Intell I	General	Infrequent	
5593		Linear Programming	OR	Every other year	Fall 2011
5610		Computational Biology	General	Infrequent	
5660		Numerical Analysis I	CM	Every Fall	Fall 2010
5661		Numerical Analysis II	CM	Every Spring	Spring 2011
5674	4674	Parallel Computing and Architectures	CSC/General	Infrequent	
5718		Applied Linear Algebra	General	Every Spring	Spring 2011
5733	4733	Partial Differential Equations	General	Infrequent	Fall 2011
5743		Ordinary Differential Equations	General	Infrequent	
5779	4779	Math Clinic	General	Every Fall and Spring	Fall 2010
5791	4791	Continuous Modeling	CM	Fall of even # years	Fall 2010
5792	4792	Probabilistic Modeling	OR	Fall of odd # years	Fall 2011
5793	4793	Discrete Math Modeling	Discrete	Spring of even # years	Spring 2012
5794	4794	Optimization Modeling	OR	Spring of odd # years	Spring 2011
5830	4830	Applied Statistics	Statistics	Every Fall and Spring	Fall 2010
6131		Real Analysis	General	Spring of odd # years	Spring 2011
6330		Workshop in Statistical Consulting	Statistics	Every Spring	Spring 2011
6360		Exploratory Data Analysis	Statistics	Fall of even # years	Fall 2012
6376	7376	Statistical Computing	Statistics	Infrequent	
6380		Stochastic Processes	OR/Statistics	Every other year	Fall 2010
6384		Analysis of Dependent Data	Statistics	Infrequent	
6388		Advanced Stat. Methods for Research	Statistics	Spring of odd # years	Spring 2011
6393		Introduction to Bayesian Statistics	Statistics	Infrequent	
6395		Multivariate Methods	Statistics	Infrequent	Fall 2010
6398		Calculus of Variations and Optimal Control	OR	Infrequent	
6404		Applied Graph Theory	Discrete	Fall of odd # years	Fall 2011
6595		Computational Methods in NLP	OR	Every other Fall	Fall 2010
6653		Intro to FEM	CM	Every other year	Spring 2012
6735		Continuum Mechanics	CM	Spring of even # years	Spring 2012
7101		Topology	General	Spring of odd # years	Spring 2013
7132		Functional Analysis	General	Fall of odd # years	Fall 2011
7376	6376	Statistical Computing	Statistics	Infrequent	
7381		Mathematical Statistics I	Statistics	Fall of odd # years	Fall 2011
7382		Mathematical Statistics II	Statistics	Spring of even # years	Spring 2012
7384		Mathematical Probability	OR	Spring of even # years	Spring 2012
7385		Stochastic Differential Equations	OR/Statistics	Spring of odd # years	Spring 2011
7397		Nonparametric Statistics	Statistics	Infrequent	
7405		Advanced Graph Theory	Discrete	Spring of even # years	Spring 2012

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7409		Applied Combinatorics	Discrete	Spring of odd # years	Spring 2011
7410		Combinatorial Structures	Discrete	Spring of odd # years	Spring 2011
7413		Modern Algebra 1	Discrete	Fall of even # years	Fall 2010
7414		Modern Algebra II	Discrete	Spring of odd # years	Spring 2011
7419	5110	Theory of Numbers	Discrete	Fall of odd # years	Fall 2011
7421		Projective Geometry	Discrete	Fall of odd # years	Fall 2011
7593		Advanced Linear Programming	OR	Every 3 years	Spring 2013
7594		Integer Programming	OR	Every 3 years	Spring 2012
7595		Advanced Nonlinear Programming	OR	Every 3 years	Spring 2011
7663		Finite Difference Methods for PDE's	CM	Spring of even # years	Spring 2012
7665		Numerical Linear Algebra	CM	Every other year	Fall 2010
7667		Approximation Theory	CM	Infrequent	Spring 2011
7821		Topics in Projective Geometry	Discrete	Infrequent	
7822		Topics in Linear Algebra	General	Infrequent	
7823		Topics in Discrete Math	Discrete	Every Fall	Fall 2010
7824		Topics in Computational Math	CM	Spring of even # years	Spring 2012
7825		Topics in Optimization	OR	Fall of even # years	Fall 2012
7826		Topics in Probability and Statistics	Statistics/OR	Infrequent	
7827		Topics in Applied Math	CM	Infrequent	
8660		Math Foundations of Finite Element	CM	Every other year	Spring 2012
8664		Iterative Methods in Num Linear Algebra	CM	Infrequent	Spring 2011