

DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE
ANTICIPATED LONG-RANGE PLAN FOR UNDERGRADUATE COURSE OFFERINGS†

FALL ODD (2009)

COSC	350	Systems Software
COSC	425	Software Engineering I
COSC	490	Special Topics
<i>MATH</i>	<i>314</i>	<i>Intermediate Applied Statistics (in 09)</i>
MATH	413	Mathematical Statistics I
MATH	441	Abstract Algebra I
MATH	451	Analysis I
MATH	430	Mathematics for Secondary Education (will substitute for MATH 480)

SPRING EVEN (2010)

COSC	118	Intro. Scientific Programming
COSC	370	Computer Networks
COSC	426	Software Engineering II
COSC	450	Operating Systems
COSC	482	Computer Graphics
MATH	311	Differential Equations I ★
MATH	314	Intermediate Applied Statistics (last time)
MATH	402	Theory of Numbers
MATH	406	Geometric Structures
MATH	452	Analysis II
MATH	465	Math Models & App
MATH	471	Numerical Methods
MATH	482	Computer Graphics
MATH	493	Advanced Topics in Statistics

FALL EVEN (2010)

COSC	350	Systems Software
COSC	425	Software Engineering I
COSC	456	Computer Architecture
COSC	490	Special Topics
MATH	313	Survey Design and Sampling
MATH	311	Differential Equations I
MATH	413	Mathematical Statistics I
MATH	441	Abstract Algebra I
MATH	451	Analysis I
MATH	430	Mathematics for Secondary Education (will substitute for MATH 480)

SPRING ODD (2011)

COSC	118	Intro. Scientific Programming
COSC	370	Computer Networks
COSC	422	Organization of Programming Languages
COSC	426	Software Engineering II
COSC	450	Operating Systems
<i>MATH</i>	<i>144</i>	<i>Environmental Mathematics</i>
MATH	311	Differential Equations I
MATH	406	Geometric Structures
MATH	414	Mathematical Statistics II
MATH	442	Abstract Algebra II
MATH	458	Complex Analysis
MATH	460	Operations Research
MATH	475	Intro to Dynamics and Chaos
MATH	480	History of Mathematics

COSC

EVERY SEMESTER

MATH

COSC	117	Programming Fundamentals
COSC	116	Introduction to Computer Systems
COSC	120	Computer Science I
COSC	220	Computer Science II
COSC	250	Microcomputer Organization
COSC	320	Adv. Data Structures & Alg. Analysis
COSC	362	Math. Foundations of Computer Sci.
COSC	380	Internship
COSC	386	Database Implementation
COSC	390	Undergraduate Research Project

MATH	105	Liberal Arts Mathematics: (subtitled)
MATH	130*	Fundamental Concepts I
MATH	135	College Algebra: A Modeling Approach
MATH	140	College Algebra & Trigonometry
MATH	155	Modern Statistics w/ Computer Analysis
MATH	160	Introduction to Applied Calculus
MATH	201	Calculus I ★
MATH	202	Calculus II ★
MATH	210	Introduction to Discrete Mathematics
MATH	213	Statistical Thinking
MATH	214	Statistics Laboratory
MATH	230	Fundamental Concepts II
MATH	300	Introduction to Abstract Mathematics
MATH	306	Linear Algebra
MATH	310	Calculus III★
MATH	362	Math. Foundations of Computer Sci.
MATH	380	Internship
MATH	390	Undergraduate Research Project

* This course is not acceptable for Gen Ed credit.

Courses in **bold** are taught once every *two* years.

★ Evening rotation for Calculus courses:
201- SP10, 202- FL09, 310 or 311-SP10&F10

†**Students please note:** These courses will be taught only if there is sufficient enrollment during preregistration.