Approved by Dept (02/25/2025)

MATHEMATICS TWO YEAR SCHEDULE FOR UNDERGRADUATE COURSE OFFERINGS

FALL on EVEN NUMBERED YEARS		
DSCI	470	Research Methods in Data Science
MATH	214	Statistics Laboratory
MATH	313	Survey Design and Sampling
MATH	316	Statistical Learning with Applications
MATH	413	Mathematical Statistics I
MATH	430	Mathematics for Secondary Education
MATH	441	Abstract Algebra I
MATH	465	Mathematical Models and Applications
MATH	471	Numerical Methods
MATH	3/4XX	Upper Level Elective*

SPRING on ODD NUMBERED YEARS		
DSCI	490	Capstone Project
MATH	215	Introduction to Financial Math
MATH	406	Geometric Structures
MATH	414	Mathematical Statistics II
MATH	442	Abstract Algebra II
MATH	447	Cryptography
MATH	451	Analysis I
MATH	475	Intro to Dynamics and Chaos
MATH	493	Advanced Topics in Statistics
MATH	482	Computer Graphics
MATH	3/4XX	Upper Level Elective*

FALL on ODD NUMBERED YEARS		
DSCI	470	Research Methods in Data Science
MATH	214	Statistics Laboratory
MATH	314	Regression Analysis
MATH	315	Fundamentals of Actuarial Mathematics
MATH	411	Design and Analysis of Experiments
MATH	413	Mathematical Statistics I
MATH	430	Mathematics for Secondary Education
MATH	451	Analysis I
MATH	465	Mathematical Models and Applications
MATH	472	Numerical Linear Algebra
MATH	3/4XX	Upper Level Elective*

SPRING on EVEN NUMBERED YEARS		
DSCI	490	Capstone Project
MATH	215	Introduction to Financial Math
MATH	406	Geometric Structures
MATH	414	Mathematical Statistics II
MATH	415	Actuarial & Financial Math
MATH	441	Abstract Algebra I
MATH	447	Cryptography
MATH	452	Analysis II
MATH	495	Directed Consulting
MATH	3/4XX	Upper Level Elective*

Every Semester		
MATH	105	Liberal Arts Mathematics
MATH	130	Fundamental Concepts I
MATH	135	College Algebra
MATH	140	College Algebra & Trigonometry
MATH	150	Data & Probability Connections
MATH	155	Modern Stats w/Computer Analysis
MATH	160	Introduction to Applied Calculus
MATH	198	Calculus for Biology & Medicine
MATH	201	Calculus I
MATH	202	Calculus II
MATH	210	Introduction to Discrete Math
MATH	216	Statistical Thinking
MATH	230	Fundamental Concepts II
MATH	306	Linear Algebra
MATH	310	Calculus III
MATH	311	Differential Equations

On Demand		
MATH	380	Internship
MATH	385	Directed Study
MATH	390	Undergraduate Research

Upper Level Electives		
MATH	300	Introduction to Abstract Mathematics
MATH	402	Number Theory
MATH	422	Advanced Toipcs in Differential Equations
MATH	458	Complex Analysis
MATH	490	Special Topics