

Green: Service courses; **Red:** Required courses; **Black:** Elective offered each semester; **Purple:** Electives offered annually; **Blue:** Electives offered biennially (these are rotated; not all will be offered as shown). Numbers are number of sections offered.

FALL of EVEN YEARS

FSEM/Core: 2
105: Introduction to Statistics: 2
161: Calculus I: 5
162: Calculus II: 4
163: Calculus III: 3
214: Linear Algebra: 2
250: Number Theory and Mathematical Reasoning: 2
260: Computational Math: 1 + 2 labs
308: Differential Equations: 1
316: Probability: 1
302: Systems Biology: 1
354: Data Analysis I: Normal Model Inference: 1
360: Graph Theory: 1 (starting Fall 2022)
375: Abstract Algebra I: 1
376: Numerical Analysis: 1
377: Real Analysis I: 1
382: Topology: 1
450: Number Theory II: 1
482: Applied Seminar: 2
483: Math Seminar: 2

SPRING of ODD YEARS

Core/Dist: 3
105: Introduction to Statistics: 2
161: Calculus I: 2
162: Calculus II: 2
163: Calculus III: 3
214: Linear Algebra: 2
250: Number Theory and Mathematical Reasoning: 2
260: Computational Math: 1 + 2 labs
308: Differential Equations: 1
312: Math Modeling: 1
375: Abstract Algebra I: 1
376: Numerical Analysis: 1
377: Real Analysis I: 1
389: Axiomatic Set Theory: 1
408: PDEs: 1
454: Data Analysis II: Nonlinear Model Inference: 1
460: Hilbert and Banach Spaces: 1
481: Bio Seminar: .5 (cross-listed)
485: Abstract Algebra II: 1

FALL of ODD YEARS

FSEM/Core: 2
105: Introduction to Statistics: 2
161: Calculus I: 5
162: Calculus II: 4
163: Calculus III: 3
214: Linear Algebra: 2
250: Number Theory and Mathematical Reasoning: 2
260: Computational Math: 1 + 2 labs
308: Differential Equations: 1
316: Probability: 1
310: Combinatorics: 1
315: Math Bio: 1
313: Complex Variables: 1
354: Data Analysis I: Normal Model Inference: 1
375: Abstract Algebra I: 1
376: Numerical Analysis: 1
377: Real Analysis I: 1
482: Applied Seminar: 2
483: Math Seminar: 2
499: Mathematical Logic: 1

SPRING of EVEN YEARS

Core: 3
105: Introduction to Statistics: 2
161: Calculus I: 2
162: Calculus II: 2
163: Calculus III: 3
214: Linear Algebra: 2
250: Number Theory and Mathematical Reasoning: 2
260: Computational Math: 1 + 2 labs
308: Differential Equations: 1
312: Math Modeling: 1
375: Abstract Algebra I: 1
376: Numerical Analysis: 1
377: Real Analysis I: 1
410: Ramsey Theory on the Integers: 1
416: Mathematical Statistics: 1
448: Nonlinear Dynamics: .5 (cross-listed)
481: Bio Seminar: .5 (cross-listed)
487: Real Analysis II: 1