

GUIDING TWO-YEAR ROTATION

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.

<u>FALL 1</u>	<u>SPRING 1</u>
FSEM/Core/Dist: 3 Stats: 2 Calc 1: 5 Calc 2: 4 Calc 3: 3 214: Linear Algebra: 2 250: Number Theory: 2 260: Computational Math: 1.5 375: Abstract Algebra: 1 376: Numerical Analysis: 1 377: Real Analysis: 1 308: Diff. Equations: 1 316: Probability: 1 310: Combinatorics: 1 315: Math Bio: 1 313: Complex 499: Logic: 1 482: Applied Seminar: 2 483: Math Seminar: 2	Core/Dist: 3 Stats: 2 Calc 1: 2 Calc 2: 2 Calc 3: 3 214: Linear Algebra: 2 250: Number Theory: 2 260: Computational Math: 1.5 375: Abstract Algebra: 1 376: Numerical Analysis: 1 377: Real Analysis: 1 308: Diff. Equations: 1 312: Math Modeling: 1 360: Graph Theory: 1 410: Ramsey Theory: 1 448: Nonlinear Dynamics: .5 487: Real Analysis II: 1 481: Bio Seminar: .5
<u>FALL 2</u>	<u>SPRING 2</u>
FSEM/Core/Dist: 3 Stats: 2 Calc 1: 5 Calc 2: 4 Calc 3: 3 214: Linear Algebra: 2 250: Number Theory: 2 260: Computational Math: 1.5 375: Abstract Algebra: 1 376: Numerical Analysis: 1 377: Real Analysis: 1 308: Diff. Equations: 1 316: Probability: 1 302: Systems Biology: 1 382: Topology: 1 450: Number Theory II: 1 482: Applied Seminar: 2 483: Math Seminar: 2	Core/Dist: 3 Stats: 2 Calc 1: 2 Calc 2: 2 Calc 3: 3 214: Linear Algebra: 2 250: Number Theory: 2 260: Computational Math: 1.5 375: Abstract Algebra: 1 376: Numerical Analysis: 1 377: Real Analysis: 1 308: Diff. Equations: 1 312: Math Modeling: 1 389: Axiomatic Set Theory: 1 408: PDEs: 1 416: Math Stats: 1 485: Abstract Algebra II: 1 481: Bio Seminar: .5