Mathematics Major

(Before Fall 2011)

---All courses are 3 credit hours unless otherwise indicated
---Solid arrows are prerequisites; for others, see Notes
---Courses in solid boxes are required
---6 hours electives from dashed boxes

138 College Algebra
139 Analytic Geometry
or
133 Plane Trigonometry

ACTM 25+ SATM 580+
140 (4 hr) Pre-Calculus

233 (4 hr) Calculus I

234 (4 hr) Calculus II

233 (4 hr) Calculus III

305 Intro. to Numerical Analysis

311 Intro. to Modern Math

317 Linear Algebra

351 (451) College Geometry

359 (419) Probability Models

360 (420) Statistical Inference

317 Linear Algebra

439 Intro. to Analysis I

337 Differential Equations

360 (420) Statistical Inference

333 (4 hr) Calculus III

359 (419) Probability Models

360 (420) Statistical Inference

412 (412) Intro. to Algebraic Systems

415 Number Theory

412 (412) Intro. to Algebraic Systems

440 Intro. to Analysis II

439 Intro. to Analysis I

359 (419) Probability Models

Note: This sheet is intended to be an aid for academic advising and not as a substitute the General Bulletin. If there are any discrepancies, the Bulletin takes precedence.

Notes:
1: credit for 333 or concurrent enrollment is required for 337/360