

## Possible Schedules for the Mathematics Major/Secondary Education Emphasis<sup>1</sup>

<b>Starting in an <i>Odd</i> Fall (2005, 2007, 2009, ...)</b>		
Year hours	Fall	Spring
1  15, 16	(4) Math 131: Calculus 1 (m) (3) Intersections (f) (3) core elective (s) (5) core elective (q)	(4) Math 132: Calculus 2 (3) Cosc 115: Scientific Programming (3) Educ 110: Foundations of Education (f) (3) core elective (a) (3) elective
2  16, 16	(3) Math 221: Foundations of Mathematics (4) Math 231: Multivariable Calculus (1) Math 210: Intro to CAS (3) Educ 235: Exceptional Children (s-focus) (3) core elective (r) (3) core elective (t)	(4) Math 240: Linear Algebra (3) *Elective (Math 250: D.E.s or Math 390: Topics) (2) Educ 215P: Human Relations (x) (1) Educ 250P: Intro to Instructional Technology (3) core elective (n) (3) elective
3  16, 15	(3) Math 341: Probability (2) Math 385: Junior Seminar (3) *Elective (Math 431: Real Analysis 1) (3) Educ 281: Developmental Psychology (s-focus) (1) Educ 394: Secondary Ed Practicum (4) language (c)	(3) Math 342: Statistics (3) *Elective (Math 330: Modeling or Math 431: Real Analysis 2) (2) Educ 374 (B): Behavior & Classroom Management (2) Educ 440: Psychology in Secondary Education (1) Educ 442: Reading in Content Area (4) language (c)
4  14, 13	(3) Math 310: Geometry (3) Math 421: Abstract Algebra 1 (1) Math 485: Senior Seminar (2) Educ 450: Secondary General Methods (1) Educ 451: Secondary Math Methods (1) Educ 455: Advanced Instructional Technology (3) core elective (h)	(12) Educ 470: Secondary Student Teaching (1) Educ 486: Professional Development Seminar

\*Choose (6) hours of Electives

<sup>1</sup> Last Updated Wednesday, January 18, 2006

Starting in an <i>Odd Fall</i> (2005, 2007, 2009, ...)		
Year hours	Fall	Spring
1 14, 17	(4) Math 131: Calculus 1 (m) (3) Cosc 110: Intro to CS (3) Intersections (f) (4) language (c)	(4) Math 132: Calculus 2 (3) Educ 110: Foundations of Education (f) (4) language (c) (3) core elective (r) (3) core elective (n)
2 16, 16	(3) Math 221: Foundations of Mathematics (4) Math 231: Multivariable Calculus (1) Math 210: Intro to CAS (2) Educ 215P: Human Relations (x) (1) Educ 250P: Intro to Instructional Technology (5) core elective (q)	(4) Math 240: Linear Algebra (3)*Elective (Math 250: D.E.s or Math 390: Topics) (3) Educ 235: Exceptional Children (s-focus) (3) Educ 281: Developmental Psychology (s-focus) (3) core elective (s)
3 15, 15	<b>Study Abroad (x)</b> (3) core elective (h) (3) core elective (a) (3) core elective (t) (6) electives	(4) Math 105: Introduction to Statistics (3) *Elective (Math 250: D.E.s or Math 330: Modeling) (2) Math 385: Junior Seminar (2) Educ 374 (B): Behavior & Classroom Management (2) Educ 440: Psychology in Secondary Education (1) Educ 442: Reading in Content Area (1) Educ 394: Secondary Ed Practicum
4 15, 13	(3) Math 310: Geometry (3) *Elective (Math 370: Numerical Analysis) (3) Math 421: Abstract Algebra 1 (1) Math 485: Senior Seminar (2) Educ 450: Secondary General Methods (1) Educ 451: Secondary Math Methods (1) Educ 455: Advanced Instructional Technology	(12) Educ 470: Secondary Student Teaching (1) Educ 486: Professional Development Seminar

\*Choose (9) hours of Electives

## Possible Schedules for the Mathematics Major/Secondary Education Emphasis

Starting in an <i>Even</i> Fall (2004, 2006, 2008, ...)		
Year hours	Fall	Spring
1  16, 16	(4) Math 131: Calculus 1 (m) (3) Intersections (f) (3) Educ 110: Foundations of Education (f) (3) core elective (r) (3) elective	(4) Math 132: Calculus 2 (3) Cosc 115: Scientific Programming (3) Educ 235: Exceptional Children (s-focus) (3) core elective (s) (3) elective
2  14, 15	(3) Math 221: Foundations of Mathematics (4) Math 231: Multivariable Calculus (1) Math 210: Intro to CAS (2) Educ 215P: Human Relations (x) (1) Educ 250P: Intro to Instructional Technology (4) language (c)	(4) Math 240: Linear Algebra (3) *Elective (Math 250: D.E.'s or Math 330: Modeling) (4) core elective (q) (4) language (c)
3  16, 16	(3) Math 310: Geometry (3) Math 421: Abstract Algebra 1 (3) Educ 281: Developmental Psychology (s-focus) (1) Educ 394: Secondary Ed Practicum (3) core elective (a) (3) core elective (h)	(3) *Elective (Math 250: D.E.'s, Math 390: Topics, or Math 422: Abstract Algebra 2) (2) Math 385: Junior Seminar (2) Educ 374 (B): Behavior & Classroom Management (2) Educ 440: Psychology in Secondary Education (1) Educ 442: Reading in Content Area (3) core elective (t) (3) elective
4  15, 14	(4) Math 105 Introduction to Statistics (1) Math 485: Senior Seminar (3) *Elective (Math 341: Probability or Math 431: Real Analysis 1) (2) Educ 450: Secondary General Methods (1) Educ 451: Secondary Math Methods (1) Educ 455: Advanced Instructional Technology (3) core elective (n)	(12) Educ 470: Secondary Student Teaching (1) Educ 486: Professional Development Seminar

\*Choose (9) hours of Electives

Starting in an <i>Even</i> Fall (2004, 2006, 2008, ...)		
Year hours	Fall	Spring
1 16, 16	(4) Math 131: Calculus 1 (m) (3) Intersections (f) (3) Educ 110: Foundations of Education (f) (5) core elective (q) (Phys 111, Chem 131) (1) elective	(4) Math 132: Calculus 2 (3) Cosc 115: Scientific Programming (2) Educ 215P: Human Relations (x) (1) Educ 250P: Intro to Instructional Technology (3) core elective (f) (3) core elective (n)
2 15, 16	(3) Math 221: Foundations of Mathematics (4) Math 231: Multivariable Calculus (1) Math 210: Intro to CAS (3) Educ 235: Exceptional Children (s-focus) (4) language (c)	(4) Math 240: Linear Algebra (3)*Elective (Math 250: D.E.'s or Math 330: Modeling.) (2) Educ 374 (B): Behavior & Classroom Management (2) Educ 440: Psychology in Secondary Education (1) Educ 442: Reading in Content Area (4) language (c)
3 15, 15	(3) Math 310: Geometry (3) *Elective (Math 370: Numerical Analysis) (2) Math 385: Junior Seminar (3) Math 421: Abstract Algebra 1 (3) Educ 281: Developmental Psychology (s-focus) (1) Educ 394: Secondary Ed Practicum	<b>Study Abroad (x)</b> (3) core elective (h) (3) core elective (a) (3) core elective (t) (3) core elective (r) (3) elective
4 15, 13	(4) Math 105: Introduction to Statistics (3) *Elective (Math 341: Probability or Math 431: Real Analysis 1) (1) Math 485: Senior Seminar (2) Educ 450: Secondary General Methods (1) Educ 451: Secondary Math Methods (1) Educ 455: Advanced Instructional Technology (3) core elective (s)	(12) Educ 470: Secondary Student Teaching (1) Educ 486: Professional Development Seminar

\*Choose (9) hours of Electives