

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

Starting in an <i>Odd Fall</i> (2005, 2007, 2009, ...)		
Year hours	Fall	Spring
1  13,16	(4) Math 131: Calculus 1 (m) (3) Intersections (f) (3) core elective (f) (3) core elective (h)	(4) Math 132: Calculus 2 (3) Cosc 110: Intro to CS/Cosc 115 Scientific Prog. (3) core elective (s) (6) electives
2  16,16	(3) Math 221: Foundations of Mathematics (3) Math 231: Multivariable Calculus (1) Math 210: Intro to CAS (5) core elective (q) (4) language (c)	(4) Math 240: Linear Algebra (3) *Elective (Math 250: D.E.s or Math 390: Topics) (3) core elective (r) (4) language (c) (2) core elective (x)
3  15,14	(3) Math 431: Real Analysis 1 (3) *Elective (Math 341: Probability) (3) core elective (n) (3) focus area (3) elective	(2) Math 385: Junior Seminar (3) *Elective (Math 330: Modeling or Math 342: Statistics or Math 432: Real Analysis 2) (3) core elective (t) (6) electives
4  16,15	(3) Math 421: Abstract Algebra 1 (1) Math 485: Senior Seminar (3) *Elective: (Math 310: Geometry or Math 370: Numerical Analysis) (3) core elective (a) (6) electives	(3)* Elective (Math 250: D.E.s, Math 390: Topics, Math 422: Abstract Algebra 2) (3) focus area (9) electives

\*Choose (12) hours of Electives

Starting in an <i>Odd Fall</i> (2005, 2007, 2009, ...)		
Year hours	Fall	Spring
1  15,16	(4) Math 131: Calculus 1 (m) (3) Intersections (f) (3) core elective (f) (5) core elective (q)	(4) Math 132: Calculus 2 (3) Cosc 110: Intro to CS/Cosc 115 Scientific Prog. (3) core elective (r) (6) electives
2  14,16	(3) Math 221: Foundations of Mathematics (3) Math 231: Multivariable Calculus (1) Math 210: Intro to CAS (4) language (c) (3) elective	(4) Math 240: Linear Algebra (3) *Elective (Math 250: D.E.s or Math 390: Topics) (4) language (c) (3) core elective (s) (2) elective
3  14,15	(3) Math 431: Real Analysis 1 (2) Math 385: Junior Seminar (3) *Elective (Math 341: Probability) (3) core elective (t) (3) core elective (n)	<b>Study Abroad (x)</b> (3) core elective (h) (3) core elective (a) (9) elective
4  16,15	(3) Math 421: Abstract Algebra 1 (1) Math 485: Senior Seminar (3) *Elective: (Math 310: Geometry or Math 370: Numerical Analysis) (3) focus area (6) electives	(3) *Elective (Math 250: D.E.s, Math 390: Topics, or Math 422: Abstract Algebra 2) (3) focus area (9) electives

\*Choose (12) hours of Electives

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

## Possible Schedules for the Mathematics Major

<b>Starting in an <i>Even</i> Fall (2004, 2006, 2008, ...)</b>		
Year hours	Fall	Spring
1  14,16	(4) Math 131: Calculus 1 (m) (3) Intersections (f) (3) core elective (f) (4) language (c)	(4) Math 132: Calculus 2 (3) Cosc 110: Intro to CS/Cosc 115 Scientific Prog. (3) core elective (s) (4) language (c) (2) core elective (x)
2  15,16	(3) Math 221: Foundations of Mathematics (3) Math 231: Multivariable Calculus (5) core elective (q) (3) core elective (h)	(4) Math 240: Linear Algebra (3) core elective (r) (9) electives
3  15,14	(3) Math 421: Abstract Algebra 1 (3) *Elective: (Math 310: Geometry or Math 370: Numerical Analysis) (1) Math 210: Intro to CAS (3) core elective (n) (3) focus area (3) elective	(2) Math 385: Junior Seminar (3) *Elective (Math 250: D.E.s or Math 390: Topics or Math 422: Abstract Algebra 2) (3) core elective (t) (6) electives
4  16,15	(3) Math 431: Real Analysis 1 (1) Math 485: Senior Seminar (3) *Elective (Math 341: Probability) (3) core elective (a) (6) electives	(3) *Elective (Math 330: Modeling, Math 342: Statistics, or Math 431: Real Analysis 2) (3) focus area (9) electives

\*Choose (12) hours of Electives

<b>Starting in an <i>Even</i> Fall (2004, 2006, 2008, ...)</b>		
Year hours	Fall	Spring
1  15, 16	(4) Math 131: Calculus 1 (m) (3) Intersections (f) (5) core elective (q) (3) elective	(4) Math 132: Calculus 2 (3) Cosc 110: Intro to CS/Cosc 115 Scientific Prog. (3) core elective (f) (3) core elective (r) (3) elective
2  14,16	(3) Math 221: Foundations of Mathematics (3) Math 231: Multivariable Calculus (1) Math 210: Intro to CAS (4) language (c) (3) elective	(4) Math 240: Linear Algebra (3) *Elective (Math 250: D.E.s or Math 330: Modeling) (4) language (c) (3) core elective (s) (2) elective
3  14,15	(2) Math 385: Junior Seminar (3) Math 421: Abstract Algebra 1 (3) *Elective: (Math 310: Geometry or Math 370: Numerical Analysis) (3) core elective (t) (3) core elective (n)	<b>Study Abroad (x)</b> (3) core elective (h) (3) core elective (a) (9) electives
4  16,15	(3) Math 431: Real Analysis 1 (1) Math 485: Senior Seminar (3) *Elective (Math 341: Probability) (3) focus area (6) electives	(3) *Elective (Math 330: Modeling, Math 342: Statistics, or Math 431: Real Analysis) (3) focus area (9) electives

\*Choose (12) hours of Electives