



## B.S. Program in Mathematics (All options, first two years)

	FALL	WINTER	SPRING
First Year	MATH 1304 Calculus I (4)* *For a student with proper prerequisites GE	MATH 1305 Calculus II (4) GE	MATH 2304 Calculus III (4) CS 1160 Intro ComSci/Prog (4) GE
Second Year	MATH 2150 Disc Struct (4) GE	MATH 2101 El of Lin Alg (4) GE	MATH 3000 Intro Proofs (4) MATH 3331 Diff Eq (4) GE

\*A student who has not had College Algebra (Math 1130) and Trigonometry (Math 1300) would need this prerequisites before taking Calculus I

## B.S. Program in Mathematics (Option A, second two years)

Third Year (even-odd)	MATH 3300 Analysis I (4) OTHER	MATH 3121 Abs Alg I (4) MATH 3301* Analysis II (4) OTHER	MATH 3122 Abs Alg II* (4) MATH 3100 Linear Alg (4) OTHER
Third Year (odd-even)	MATH 3121 Abs Alg I (4) OTHER	MATH 3122 Abs Alg II* (4) MATH 3300 Analysis I (4) OTHER	MATH 3301* Analysis II(4) MATH 3100 Linear Alg (4) OTHER
Fourth Year	MATH SEQUENCE I (4) MATH ELECTIVE (4) OTHER	MATH SEQUENCE II (4) OTHER	MATH ELECTIVE (4) OTHER

GE – General Elective

TRANSFER STUDENTS: Should take Math 3000 and Math 3331 early in their junior year

MATH 3122: Winter quarter in even years (06, 08, 10, ..); Spring quarter odd years (07, 09,...)

MATH 3301: Spring quarter in even years; Winter quarter in odd years

MATH SEQUENCE I, II : choose sequence from Math 3151-4151, 3361-4361, 3750-4750, 3841-4841 or (option A only) 3215-4215

MATH ELECTIVE: Any upper division mathematics course except Math 3898, 4021, 4022, 4023. Includes cross-listed courses.

## B.S. Program in Mathematics (Option B, second two years)

Third Year (even-odd)	MATH 3300 Analysis I (4) OTHER	MATH 3121 Abs Alg I (4) MATH 3301* Analysis II (4) Or MATH ELECTIVE (4) OTHER	MATH 3122 Abs Alg II* (4) Or MATH ELECTIVE (4) MATH 3100 Linear Alg (4) OTHER
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Third Year (odd-even)	MATH 3121 Abs Alg I (4) OTHER	MATH 3122 Abs Alg II* (4) Or MATH ELECTIVE (4) MATH 3300 Analysis I (4) OTHER	MATH 3301* Analysis II(4) Or MATH ELECTIVE (4) MATH 3100 Linear Alg (4) OTHER
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Fourth Year	MATH SEQ ONE I (4) MATH 3100 Linear Alg (4) OTHER	MATH SEQ ONE II (4) MATH SEQ TWO I (4) OTHER	MATH SEQ TWO II (4) OTHER
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\* Option B students need only take one of MATH 3122 and MATH 3301

TRANSFER STUDENTS: Should take Math 3000 and Math 3331 early in their junior year

MATH SEQUENCES : choose two sequences from Math 3151-4151, 3361-4361, 3750-4750, 3841-4841

MATH ELECTIVE: Any upper division mathematics course except Math 3898, 4021, 4022, 4023.  
Includes cross-listed courses.

## B.S. Program in Mathematics (Option C, second two years)

Third Year	MATH 3121 Abs Alg I (4) MATH 3215 Geometry I (4) OTHER	MATH 3100 Linear Alg (4) MATH ELECTIVE (4) OTHER	MATH 4215 Topic Geom (4) or MATH 3122 Abs Alg II (4) MATH 4040 History of Math (4) OTHER
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Fourth Year	STAT 3601 Int Stat Sci Engr (4) MATH 3300 Analysis I (4) OTHER	MATH 3600 Number Theory(4) MATH 4900 Ind Study (1-2) (Tutoring) OTHER	MATH 4901 Senior Sem (2) MATH 4900 Ind Study (1-2) (Tutoring) OTHER
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TRANSFER STUDENTS: Should take Math 3000 and Math 3331 early in their junior year