

Degree: B.S. in Mathematics-Applied Mathematics Concentration
Freshman 4-Year Academic Roadmap

Year 1: Freshman Year				
Fall	Term(s)	Pre-req	Pre-req Courses	Units
MATH 2210 (GE B4)	Fall & Spring	<input checked="" type="checkbox"/>	Math 1401 or satisfactory score on department placement exam	4
CSE 1100 (GE A3), 1250, or 2010*	Fall & Spring	<input type="checkbox"/>		3 or 4
2000 level science course that counts towards math concentration**	Fall & Spring	<input type="checkbox"/>		3 to 5
GE (E)		<input type="checkbox"/>		3
Free Elective		<input type="checkbox"/>		0 to 2
Semester Total				3 to 18

Spring	Term(s)	Pre-req	Pre-req Courses	Units
MATH 2220	Fall & Spring	<input checked="" type="checkbox"/>	C-or better in MATH 2210	4
MATH 2310	Fall & Spring	<input checked="" type="checkbox"/>	C-or better in MATH 2210 and MATH 2220 as a pre- or co-requisite	4
2000 level science course that counts towards math concentration**	Fall & Spring	<input type="checkbox"/>		3 to 5
GE (A1)	Fall & Spring	<input type="checkbox"/>		3
Free Elective		<input type="checkbox"/>		0 to 1
Semester Total				14-17

Year 2: Sophomore Year				
Fall	Term(s)	Pre-req	Pre-req Courses	Units
MATH 2320	Fall & Spring	<input checked="" type="checkbox"/>	C-or better in MATH 2220 and 2310	4
MATH 3100 (WI)	Fall & Spring	<input checked="" type="checkbox"/>	C-or better in MATH 2220	4
MATH 2265	Fall & Spring	<input checked="" type="checkbox"/>	MATH 2210 as pre-req or co-req	3
GE (A2)	Fall & Spring	<input type="checkbox"/>		3
		<input type="checkbox"/>		
Semester Total				14

Spring	Term(s)	Pre-req	Pre-req Courses	Units
MATH 2270	Fall & Spring	<input checked="" type="checkbox"/>	MATH 2310	3
MATH 5310	Fall & Spring	<input checked="" type="checkbox"/>	MATH 2310 and MATH 3100	3
GE (B1 or B2 with B3; or D3)	Fall & Spring	<input type="checkbox"/>		3 to 5
GE (C2)	Fall & Spring	<input type="checkbox"/>		3
Free Elective	Fall & Spring	<input type="checkbox"/>		1 to 3
Semester Total				13-17

Year 3: Junior Year				
Fall	Term(s)	Pre-req	Pre-req Courses	Units
MATH 4600	Fall & Spring	<input checked="" type="checkbox"/>	MATH 2320 and MATH 3100	4
MATH 3329	Fall & Spring	<input checked="" type="checkbox"/>	MATH 3100 and MATH 2310 as pre-req or co-req	3
GE (C2)	Fall & Spring	<input type="checkbox"/>		3
GE (D1)	Fall & Spring	<input type="checkbox"/>		3
Free Elective	Fall & Spring	<input type="checkbox"/>		2
Semester Total				15

Spring	Term(s)	Pre-req	Pre-req Courses	Units
MATH 4300	Fall & Spring	<input checked="" type="checkbox"/>	MATH 2320 and MATH 3100	4
MATH Elective	Fall & Spring	<input type="checkbox"/>		3
MATH Elective	Fall & Spring	<input type="checkbox"/>		3
GE (C2)	Fall & Spring	<input type="checkbox"/>		3
GE (C1)	Fall & Spring	<input type="checkbox"/>		3
Semester Total				16

Year 4: Senior Year				
Fall	Term(s)	Pre-req	Pre-req Courses	Units
MATH Elective	Fall & Spring	<input type="checkbox"/>		3
MATH Elective	Fall & Spring	<input type="checkbox"/>		3
GE (D2)	Fall & Spring	<input type="checkbox"/>		3
GE (D4)	Fall & Spring	<input type="checkbox"/>		3
Free Electives	Fall & Spring	<input type="checkbox"/>		3
Semester Total				15

Spring	Term(s)	Pre-req	Pre-req Courses	Units
MATH Elective	Fall & Spring	<input type="checkbox"/>		3
MATH Elective	Fall & Spring	<input type="checkbox"/>		3
GE (B5)	Fall & Spring	<input type="checkbox"/>		3
Free Elective	Fall & Spring	<input type="checkbox"/>		6
		<input type="checkbox"/>		
				15