

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

Year 1: Freshman Year			
Fall	Term(s)	Pre-req Courses	Units
MATH 2210 (GE B4)	Fall & Spring	Math 1401 or satisfactory score	4
CSE 1100 (GE A3)	Fall & Spring		3 or 4
2000 level science c	Fall & Spring		3 to 5
GE (E)			3
Free Elective			0 to 2
Semester Total			13 to 18

Spring	Term(s)	Pre-req Courses	Units
MATH 2220	Fall & Spring	C-or better in MATH 2210	4
MATH 2310	Fall & Spring	C-or better in MATH 2210 and	4
2000 level science c	Fall & Spring		3 to 5
GE (A1)	Fall & Spring		3
Free Elective			0 to 1
Semester Total			14-17

Year 2: Sophomore Year			
Fall	Term(s)	Pre-req Courses	
MATH 2320	Fall & Spring	C-or better in MATH 2220 and	4
MATH 3100 (WI)	Fall & Spring	C-or better in MATH 2220	4
MATH 2265	Fall & Spring	MATH 2210 as pre-req or co-req	3
GE (A2)	Fall & Spring		3
Semester Total			14

Spring	Term(s)	Pre-req Courses	Units
MATH 2270	Fall & Spring	MATH 2310	3
MATH 5310	Fall & Spring	MATH 2310 and MATH 3100	3
GE (B1 or B2 with B)	Fall & Spring		3 to 5
GE (C2)	Fall & Spring		3
Free Elective	Fall & Spring		1 to 3
Semester Total			13-17

Year 3: Junior Year			
Fall	Term(s)	Pre-req Courses	Units
MATH 4600	Fall & Spring	MATH 2320 and MATH 3100	4
MATH 3329	Fall & Spring	MATH 2310 as pre-req or co-req,	3
GE (C2)	Fall & Spring		3
GE (D1)	Fall & Spring		3
Free Elective	Fall & Spring		2
Semester Total			15

Spring	Term(s)	Pre-req Courses	Units
MATH 4300	Fall & Spring	MATH 2320 and MATH 3100	4
MATH Elective	Fall & Spring		3
MATH Elective	Fall & Spring		3
GE (C2)	Fall & Spring		3
GE (C1)	Fall & Spring		3
Semester Total			16

Year 4: Senior Year			
Fall	Term(s)	Pre-req Courses	
MATH Elective	Fall & Spring		3
MATH Elective	Fall & Spring		3
GE (D2)	Fall & Spring		3
GE (D4)	Fall & Spring		3
Free Electives	Fall & Spring		3
Semester Total			15

Spring	Term(s)	Pre-req Courses	Units
MATH Electiv	Fall & Spring		3
MATH Elective	Fall & Spring		3
GE (B5)	Fall & Spring		3
Free Elective	Fall & Spring		6
			15

Degree Units

115-127