

Degree: B.S. In mathematics- Teaching 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
MATH 2265	Fall & Spring	MATH 2210 as pre-req or co-req	3
GE (E)	Fall & Spring		3
GE (B1 or B2 with B3)	Fall & Spring		4 to 5
Free Elective	Fall & Spring		0 to 1
Semester Total			14 to 16

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
GE (A1)	Fall & Spring		3
GE (B1 or B2 w/o lab)	Fall & Spring		3 to 4
Free Elective	Fall & Spring		1
Semester Total			15 to 16

Year 2: Sophomore Year

Fall	Term(s)	Pre-req Courses	
MATH 2320	Fall & Spring	C-or better in MATH 2220 and	4
MATH 2900	Fall & Spring	Equivalent to MATH 1401	4
GE (A2)	Fall & Spring		3
CSE 1100 (GE A3), 1250	Fall & Spring		3 to 4
Free Elective	Fall & Spring		0 to 1
Semester Total			14 to 15

Spring	Term(s)	Pre-req Courses	Units
MATH 3100	Fall & Spring	C- or better in MATH 2220	4
MATH 3460	Fall & Spring	MATH 2320	3
GE (C1)	Fall & Spring		3
GE (C2)	Fall & Spring		3
Free Elective	Fall & Spring		2
Semester Total			15

Year 3: Junior Year

Fall	Term(s)	Pre-req Courses	Units
MATH 3329	Fall & Spring	MATH 2310 as pre-req or co-	3
MATH 3480	Fall & Spring	C- or better in MATH 2220	3
Math Elective	Fall & Spring		3
GE (C2)	Fall & Spring		3
Free Elective	Fall & Spring		3
Semester Total			15

Spring	Term(s)	Pre-req Courses	Units
MATH 4300	Fall & Spring	MATH 2320 and MATH 3100	4
MATH 4900	Fall & Spring	C or better in MATH 2900 and	4
GE (C2)	Fall & Spring		3
GE (D1)	Fall & Spring		3
Semester Total			14

Year 4: Senior Year

Fall	Term(s)	Pre-req Courses	
MATH 3345	Fall & Spring	MATH 3100	3
MATH 4600	Fall & Spring	MATH 2329 and MATH 3100	4
GE (D2)	Fall & Spring		3
GE (D4)	Fall & Spring		3
Free Elective	Fall & Spring		3
Semester Total			16

Spring	Term(s)	Pre-req Courses	Units
MATH 5900	Fall & Spring	Senior status, MATH 4900, and	3
MATH Elective	Fall & Spring		3
GE (D3)	Fall & Spring		3
GE (B5)	Fall & Spring		3
Free Elective	Fall & Spring		3
Semester Total			15

Degreee 119 to 122

Semester General Education (GE)

	Category	Units
University Foundation	E Foundation Seminar	3
	A1 Oral communication	3
	A2 Written communication	3
	A3 Critical thinking	3
	B4 Mathematics/Quantitative reasoning	3
	D1 American government	3
	D2 US History	3

Disciplinary Perspectives

Scientific Inquiry (B)	B1 Physical science	3
	B2 Life science	3
	B3 Laboratory Activity (*)	1
	B5 Upper Division Scientific Inquiry	3
Arts & Humanities (C)	C1 Arts	3
	C2 Humanities	3
	C3 Choice of additional C1 or C2 course	3
	C4 Upper Division course in a subarea consistent with Arts or Humanities	3
Social Sciences (D)	D3 Social Sciences Discipline Perspectives	3
	D4 Upper Division Social Science	3

Designations	Writing Intensive (WI) 2 courses at least 1 upper division	Overlay
	Diversity and Inclusiveness (DI) 1 course	Overlay
	Global Perspectives (G) 1 course	Overlay

TOTAL UNITS

49

*

B3 Laboratory Activity associated with the course taken to satisfy B1 or B2 – students only need one