

Degree: B.A. in Mathematics
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 on	4
CSE 1100 (GE A3), 1250, or 2010*	Fall & Spring		3 or 4
GE (E)	Fall & Spring		3
GE (B1 or B2 with B3)	Fall & Spring		4 or 5
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 MATH	4
GE (A1)	Fall & Spring		3
GE (A2)	Fall & Spring		3
Semester Total			14

Year 2: Sophomore Year

Fall	Term(s)	Pre-req Courses	Units
MATH 2320	Fall & Spring	C-or better in MATH 2220 and 2310	4
MATH 3100 (WI)	Fall & Spring	C- or better in MATH 2220	4
GE (C1)	Fall & Spring		3
GE (C2)	Fall & Spring		3
Semester Total			14

Spring	Term(s)	Pre-req Courses	Units
MATH 2270	Fall & Spring	MATH 2310	3
MATH 3329	Fall & Spring	MATH 2310 as pre-req or co-req, and	3
GE (B1 or B2 w/o lab)	Fall & Spring		3
GE (C2)	Fall & Spring		3
GE (D1)	Fall & Spring		3
Semester Total			15

Year 3: Junior Year

Fall	Term(s)	Pre-req Courses	Units
MATH 4600	Fall & Spring	MATH 2320 and MATH 3100	4
MATH Elective	Fall & Spring		3
GE (D2)			3
Free Elective			3
Free Elective			3
Semester Total			16

Spring	Term(s)	Pre-req Courses	Units
MATH 4300	Fall & Spring	MATH 2320 and MATH 3100	4
MATH Elective	Fall & Spring		3
GE (C2)	Fall & Spring		3
Free Elective	Fall & Spring		3
Free Elective	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 (D3)	Fall & Spring		3
Free Elective	Fall & Spring		3
Free Electives	Fall & Spring		3
Semester Total			15

Spring	Term(s)	Pre-req Courses	Units
MATH Elective	Fall & Spring		3
GE (D4)	Fall & Spring		3
GE (B5)	Fall & Spring		3
Free Elective	Fall & Spring		3
Free Elective	Fall & Spring		3
			15

Degree Units**119-121**

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