

**MATHEMATICS**  
Sample 4-year plan for  
Bachelor of Science Degree in Mathematics  
with Option in Pure Mathematics (Total: 180 Units)

	Fall		Winter		Spring		Summer		Total
	Courses	Units	Courses	Units	Courses	Units	Courses	Units	
Year 1	GE Block A1	4	GE Block A2	4	WPE (UNIV 400)	0			42 UNITS
	MATH 104A	4	MATH 104B	4	<b>MATH 206 GE A4</b>	4			
	NSS 101	4	GE Block C #2	4	GE Block C#3	4			
	GE Block C #1	2	GE Block A3	4	GE American Institution Course	4			
	Total	14	Total	16	Total	12	Total		

	Fall		Winter		Spring		Summer		Total
	Courses	Units	Courses	Units	Courses	Units	Courses	Units	
Year 2	MATH 207	4	MATH 208	4	MATH 209	4			51 UNITS
	<b>PHYS 211 GE B2</b>	5	MATH 248	4	MATH 274	4			
	GE Block B1 (Biological)	4	PHYS 212	5	PHYS 213	5			
	GE Block D#1	4	GE Block D#2	4	Course	4			
	Total	17	Total	17	Total	17	Total		

	Fall		Winter		Spring		Summer		Total
	Courses	Units	Courses	Units	Courses	Units	Courses	Units	
Year 3	MATH 255	4	MATH 215	4	MATH 446	4			47 UNITS
	MATH 325	4	MATH 455	4	MATH 465	4			
	Related Area Elect #1	4	GE Block D#3	4	Theme Course #1	4			
	ENGL 102	4	Related Area Elect #2	4	MATH 210	3			
	Total	16	Total	16	Total	15	Total		

	Fall		Winter		Spring		Summer		Total
	Courses	Units	Courses	Units	Courses	Units	Courses	Units	
Year 4	MATH 390	2	MATH 456	4	MATH 490	4			40 UNITS
	MATH 430 (*)	4	MATH 463	4	MATH 457	4			
	Theme Course #2	4	MATH 466	4	UD Free Electives (**)	6			
			Theme Course #3	4					
	Total	10	Total	16	Total	14	Total		

Note: This assumes no remedial courses (satisfactory score on ELM and EPT) but not yet ready for MATH 206, the first course of the major program.

Note: This is only one possible roadmap that a student may take. There are many ways to organize the classes for this option of the mathematics major. Consult the course catalog to determine other roadmaps.

(\*) Other choices are possible instead of this course. Check the Catalog listings for these.

(\*\*) In order to graduate a student must take 60 UD units. These are upper division free electives from any department that the student might need to take to satisfy this requirement.

(\*\*\*) In order to graduate a student must take 180 total units. These electives are to so that the student has 180 units. They can be any course.

Note: Related area courses are the lower division elective courses that math majors must take. The approved electives list is posted on math dept. website.

Note: When choosing your upper division theme courses note that you must take one course from each sub-theme (natural sciences and math, social sciences, humanities)

Note: Every student must take 2 diversity courses. These are marked with a (d) in the course catalog.