

Four year program for BS in Mathematics. At the end of year two, students will be completing the requirements of en-route AS degree in Mathematics. Course work in the first two years that applies to the AS degree is highlighted (60 credits); highlighted pink areas represent courses satisfying Pathways Common Core requirements and yellow areas represent courses satisfying the rest of the AS requirements.

Term: Fall 1		Check course classification(s)		
Course Number & Title	Cr	LAS	Maj	Prerequisite(s)
ENG 111 Introduction to College Writing (CECR)	3	X		Passing CUNY Assessment Tests
First Science Course of a sequence, Life and Phys. Sci. with lab. (RLPR,COPT)	4	X		
MTH 123 (College Algebra) with MTH 135 (Intermediate Algebra)	4	X		Passing CUNY Assessment Test
CSC 126 or MTH 214 (COPT)	4	X		
Term credit total:	15	15		
Term: Fall 2		Check course classification(s)		
Course Number & Title	Cr	LAS	Maj	Prerequisite(s)
MTH 232 Analytic Geometry and Calculus I	3	X		MTH 231
Flexible Core (FWGR)	3	X		
Flexible Core (FISR)	3	X		
Flexible Core (FCER)	3	X		
Elective course	3	X		
Term credit total:	15	15		
Term: Fall 3		Check course classification(s)		
Course Number & Title	Cr	LAS	Maj	Prerequisite(s)
MTH Group 1 (suggested MTH 339)	4		X	MTH 233
MTH 300+ (not 338 or Group 1)	4		X	MTH 233
Social Science course (COPT)	4			
TALA	4			
	16		8	
Term: Fall 4		Check course classification(s)		
Course Number & Title	Cr	LAS	Maj	Prerequisite(s)
MTH Group 1 (suggested MTH 330)	4		X	MTH 233
MTH 300+ (not 338 or Group 1)	4		X	MTH 233
Elective course	4			
Elective course	3			
	14		8	
Term: Spring 1		Check course classification(s)		
Course Number & Title	Cr	LAS	Maj	Prerequisite(s)
ENG 151 College Writing (CECR)	3	X		ENG 111
Second Science Course of a sequence, Life and Phys. Sci. with lab. (FSWR,COPT)	4	X		
MTH 231 Analytic Geometry and Calculus I (RMQR)	3	X		Appropriate score on CUNY placement test
MTH 229 Calculus Computer Laboratory	1	X		MTH 231 co-req.
COR 100 United States: Issues, Ideas, and Institutions (FUSR)	3	X		ENG 111 (pre- or co-requisite)
Elective course	3	X		
Term credit total:	17	17		
Term: Spring 2		Check course classification(s)		
Course Number & Title	Cr	LAS	Maj	Prerequisite(s)
MTH 233 Analytic Geometry and Calculus III	3	X		MTH 232
MTH 338 Linear Algebra	4	X	X	MTH 232
Flexible Core (FSWR)	3	X		
Elective course	3	X		
Term credit total:	13	13	4	
Term: Spring 3		Check course classification(s)		
Course Number & Title	Cr	LAS	Maj	Prerequisite(s)
MTH Group 1 (suggested MTH 341)	4		X	MTH 233
MTH 300+ (not 338 or Group 1)	4		X	MTH 233
Elective Course	4			
Elective Course	4			
	16		8	
Term: Spring 4		Check course classification(s)		
Course Number & Title	Cr	LAS	Maj	Prerequisite(s)
MTH Group 1 (suggested MTH 311)	4		X	MTH 233
MTH 300+ (not 338 or Group 1)	4		X	MTH 233
Elective course	4			
Elective course	3			
	14		8	
Program Totals:	Credits: 120	Liberal Arts & Sciences: 60		Major: 36
				Elective & Other:

Cr: credits LAS: [liberal arts & sciences](#) Maj: major requirement
prerequisite, co: co-requisite **Group 1:** MTH 330, MTH 311, MTH 339, MTH 341

New: new course Prerequisite(s): list prerequisite(s) for the noted courses; pre:

