

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)			Term: Spring 1		Check course classification(s)		
Course Number & Title	Cr	LAS	Maj	Prerequisite(s)	Course Number & Title	Cr	LAS	Maj	Prerequisite(s)
ENG 111 Introduction to College Writing (CECR)	3	X		Passing CUNY Assessment Tests	ENG 151 College Writing (CECR)	3	X		ENG 111
First Science Course of a sequence, Life and Phys. Sci. with lab. (RLPR,COPT)	4	X			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 232 Analytic Geometry and Calculus I	3	X		MTH 231
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)
CSC 126 or MTH 214 (COPT)	4	X			Flexible Core (FCER)	3	X		
Term credit total:	15	15			Term credit total:	16	16		
Term: Fall 2		Check course classification(s)			Term: Spring 2		Check course classification(s)		
Course Number & Title	Cr	LAS	Maj	Prerequisite(s)	Course Number & Title	Cr	LAS	Maj	Prerequisite(s)
MTH 233 Analytic Geometry and Calculus III	3	X		MTH 232	MTH Group 1 (suggested MTH 330)	4	X	X	MTH 233
MTH 338 Linear Algebra	4	X	X	MTH 232	MTH Group 1 (suggested MTH 311)	4	X	X	MTH 233
Flexible Core (FISR)	3	X			Flexible Core (FSWR)	3	X		
Elective Course	3	X			Flexible Core (FWGR)	3	X		
			4		Elective course	3	X		
Term credit total:	13	13			Term credit total:	17	17	8	
Term: Fall 3		Check course classification(s)			Term: Spring 3		Check course classification(s)		
Course Number & Title	Cr	LAS	Maj	Prerequisite(s)	Course Number & Title	Cr	LAS	Maj	Prerequisite(s)
MTH Group 1 (suggested MTH 339)	4		X	MTH 233	MTH Group 1 (suggested MTH 341)	4		X	MTH 233
MTH 300+ (not 338 or Group 1)	4		X	MTH 233	MTH 300+ (not 338 or Group 1)	4		X	MTH 233
Social Science course (COPT)	4				Elective Course	4			
TALA	4				Elective Course	3			
	16		8			15		8	
Term: Fall 4		Check course classification(s)			Term: Spring 4		Check course classification(s)		
Course Number & Title	Cr	LAS	Maj	Prerequisite(s)	Course Number & Title	Cr	LAS	Maj	Prerequisite(s)
MTH 300+ (not 338 or Group 1)	4		X	MTH 233	MTH 300+ (not 338 or Group 1)	4		X	MTH 233
Elective course	4				Elective course	4			
Elective course	3				Elective course	3			
Elective course	3				Elective course	3			
	14		4			14		4	
Program Totals:		Credits: 120		Liberal Arts & Sciences: 61		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: