

BS: Applied Mathematics Concentration

<i>Year One</i>		<i>Year Two</i>	
Fall	Spring	Fall	Spring
MATH 113[4]	MATH 114[4]	MATH 213[3]	MATH 214/216[3]
GE(written)[3]	MATH 125[3]	MATH 203[3]	MATH 290[3]
GE(oral) [3]	GE(W.C.) [3]	CS112[4]	GE(G.U.)[3]
GE(lit)[3]	SCI1a[4]	SCI1b[4]	SCI2a[4]
GE(arts)[3]	GE(S.B.S.)[3]	GE(I.T.eth) [1]	GMU xxx[3]
[16] (UD 0)	[17] (UD 0)	[15] (UD 0)	[16] (UD 0)

<i>Year Three</i>		<i>Year Four</i>	
Fall	Spring	Fall	Spring
MATH 322[3]	MATH 351[3]	MATH 413[3]	MATH 414[3]
MATH 315[3]	MATH 446[3]	MATH 3xx[3]	MATH 3xx[3]
SCI2b[4]	GMU 3xx[3]	GMU 3xx[3]	MATH 400[3](Synth.)
ENGH 302[3]	GMU 3xx[3]	GMU 3xx[3]	GMU 3xx[3]
GMU xxx[3]	GMU xxx[3]	GMU xxx[3]	
[16] (UD 9)	[15] (UD 12)	[15] (UD 12)	[12] (UD 12)

This is a typical four year plan for students in the Mathematics BS – Applied Mathematics Concentration. Your schedule may not look exactly like this. Work with your Mathematics Advisor to design a plan that works best for you!

NOTES: The numbers at the bottom of each column indicate the total credits for that semester and UD indicates the number of those credits that are Upper Division credits (3xx indicates a course 300 or higher). **Red** indicates a course that is only offered at that time of year (e.g. spring or fall). **Blue** indicates a course outside the Math Department required for the math major: **SCI1a** refers to the first course in a year long laboratory science sequence (e.g. CHEM 211), **SCI1b** refers to the second course (e.g. CHEM 212), etc. **Green** indicates a general education requirement (W.C. = Western Civ., S.B.S. = Social/Behavioral Science, G.U. = Global Understanding, I.T.eth = Information Technology (ethics component), Synth. = Synthesis). **GMU xxx** indicates an elective course which could be a MATH course or a course from another department. **GMU 3xx** indicates an upper division course which could be an upper division MATH course or an upper division course from another department.