

Spring Hill College Mathematics: Actuarial Checklist

Consult advisor regarding course selection and proper sequencing

Lower Division Core Requirements		
	MTH121 Calculus I	4
	MTH122 Calculus II	4
	CIS221 Intro to Object-Oriented Programming	3
Requirements outside the Major		
	ECO101 Principles of Macroeconomics	3
	ECO102 Principles of Microeconomics	3
	ACC201 Principles of Accounting I	3
	ACC202 Principles of Accounting II	3
Choose two (2) lower division laboratory sciences		
		4
		4

Upper Division Core Requirements		
	MTH301 Introduction to Abstract Mathematics	3
	MTH321 Linear Algebra	3
	MTH323 Calculus III	4
	MTH361 Differential Equations	3
	MTH365 Probability & Statistics	3
	MTH491 Seminar	1
Choose two (2) of the following:		
	MTH 451 Basic Real Analysis	6
	MTH 464 Complex Variables	
	MTH 482 Algebraic Theory	
	MTH 3xx-4xx Mathematics Elective	
Program Electives¹ - Upper-Division Business Courses		
		6

¹To be chosen from upper-division courses in the Division of Business.

Additional requirements

- A grade of C- or better must be earned in all major requirements
- Bachelor of Science CORE Curriculum
- All candidates for graduation must:
 - Pass a comprehensive undergraduate mathematics examination
 - Successfully complete a senior seminar (MTH491) in which a comprehensive expository paper on some selected mathematical topic is required
 - Students may prove oral competency by satisfying the speech component in MTH491