Academic Year 2017-18
Bachelor of Science in Mathematics
Concentration: Applied/Computational
SMA8UG

Student Name and ID Number Estimated Graduation Date

Core Requirements: 43 - 46 Credits		
Course Number	Credits	Course Status Code M, R, P, WVD, SUB*
MA 1160	4	
MA 2160	4	
MA 2330	3	
MA 2710	3	
MA 3160	4	
MA 3210	3	
MA 3310	3	
MA 3450	3	
MA 3560	3	
MA 4945	3	
Choose 2 of the following o	ourses (3 - (6 credits)
MA 1600	3	
MA 2600	3	
CS 1121 or CS 1131	3/5	
PH 2020	1	
PH 4390	2	
One course in a Lab/Science	e from the s	STEM Science course list
	4	
One additional science cou	rse, from th	e STEM science course list,
in a different discipline from the course taken above.		
	3	
Credit Subtotal		

*M-Passed with valid grade, transfer, or Advance Placement
credit; Registered in course; Plan to take in future, WVD-Waived
course or credit (does not reduce total degree credits required),
SUB- Petitioned as substitute course.

Concentration Requirements: 18 Credits		
Course Number	Credits	Course Status Code M, R, P, WVD, SUB*
MA 4410	3	
MA 4515	3	
MA 4610	3	
MA 4620	3	
MA 4900 or any 4000- leve	course in se	cience or engineering
	3	
Choose 1 of the following		
MA4525, MA4535		
	3	
Credit Subtotal		

General Education Requirements: 24 credits		
Course Number	Credits	Course Status Code M, R, P, WVD, SUB*

Courese used to compelte General Education may not be used to complete other degree requirements.

Core: 12 credits		
UN 1015	3	
UN 1025 or upper level modern language	3	
Critical and Creative Thinking	3	
Social Responsibility and Ethical Reasoning	3	

- \checkmark Each course can satisfy only one requirement
- \checkmark No more than three credits may come from the Restricted List
- ✓ Six credits must be at the 3000- or 4000- level (an upper level language course in place of UN1025 does not meet this requirement).

Humanities, Fine Arts/Social & Behavioral Sciences (HASS): 12 credits		
Communication/ Composition	3	
Humanities and Fine Arts	3	
Social and Behavioral Sciences	3	
Course from any list above or Restricted List	3	

Co-Curricular Activities		
Required for graduation, but not included in the GPA calculation or in the overall credits required for the degree.		
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Free Electives: 36 - 39 credits		
Course Number	Credits	Course Status Code M, R, P, WVD, SUB*
Credit Subtotal		

Advisor Use Only		
Total Credits Required	124	
Total Credits Completed		
Total Credits Needed		