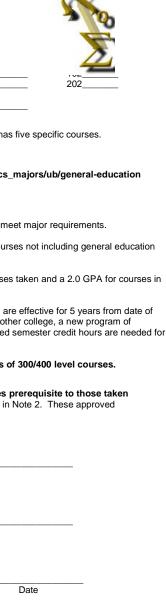


March 15, 2018-green

Department of Theoretical and Applied Mathematics

Requirements for a B.S. Degree with a Major in Applied Mathematics



		Foreig Langu	n age:	101 201	202	
STUDENT NAME:		Sign L	anguage:	222		
STUDENT ID#:			n Language has four specific courses and Sign Laptions total 14 credits for the language requirement		courses.	
At least 40 credit hours in the department including:		Dourc	prioris total 14 ordans for the language requirement	н.		
3450:221 Analytic Geometry-Calculus I 3450:222 Analytic Geometry-Calculus II 3450:223 Analytic Geometry-Calculus III	4.0 4.0 4.0	Gener NOTE	al Education Requirements: www.uakron.edu/a <u>S:</u>	academics_majors/ub/go	eneral-education	
3450:312 Linear Algebra	3.0	1.	The courses 3450:100, 140, 135, 145, 149, and 40)1 do not meet major requ	irements.	
3450:335 Introduction to Ordinary Differential Equation: 3460:209 Introduction to Computer Science	s 3.0 4.0		The student is required to take 40 hours of 300/40 courses and workshops.) level courses not includi	ng general education	
3450:421 Advanced Calculus I 3450:427 Applied Numerical Methods I	3.0 3.0 3.0		The student must achieve an overall GPA of 2.0 for the major in order to graduate.	r all courses taken and a	2.0 GPA for course	
3450:428 Applied Numerical Methods II 3450:436 Mathematical Models 3470:461 Applied Statistics I	3.0 4.0	:	This program of study and the general education e signature. If there is a change in a major or a tran- study must be drawn up. A minimum of 120 earne	sfer to another college, a	new program of	
Choose at least one from the following two courses:			graduation.			
3450:422 Advanced Calculus II 3450:425 Complex Variables	3.0 3.0	*This course will count towards the requirement of 40 credits of 300/400 level courses. **Subject to approval by the Dean, up to six credits of courses prerequisite to those taken				
Electives		At th	lect to approval by the Dean, up to six credits one 300/400 level will count towards the 40-hour recises count as 300/400 level electives.			
Eighteen hours of 300/400 level electives of which at least 3450 courses.	st 3 credits are from approved 300/400 level					
	3,0	Adviso	or's Signature	Date	_	
and at least six-credits at the 300/400 level in some appr	roved applied area such as Chemistry, Computer					
Science, Physics, Economics, Engineering, etc.	3.50 app. 60 a. 60 500. a. 6 5. 6	Stude	nt's Signature	Date	_	
	3.0					
	3.0	Donor	tment Chair's Signature	Date		
**Other electives:		Бераі	illeni Chail S Sighalure	Date		
	3.0	COMM	MENTS			
	3.0	COIVII	ILIVIO			
	3.0					

The University of Akron

General Education Requirement

1.	English Composition (7 credits)		Social Sciences (6 credits) (Courses selected from two different sets)	
	3300:111		Economicscr	
	3300:112cr		Geographycr	
2.	Mathematics (3 credits)		US Govt/Politics cr	
	3450:cr or		Psychologycr	
	3470:cr		Sociology/Anthropologycr	
3.	Natural Science (8 credits) (Minimum of 2 courses, one of which has a lab component,		United States History	
	selected from two different departments) Biology cr		Social Science/Technologycr/Society	
	or Chemistrycr	7.	Humanities (10 credits – 3 courses)	
	or Geologycr		3400:210 cr and	
	or Physicscr		2 courses selected from two different departments	
4.	Oral Communication (3 credits)		Fine Artscr or Philosophy/Classicscr	
	7600:105cr		or Literaturecr	
	7600:106cr		or 3400:211 cr	
5.	Physical Education/Wellness (1 credit)	8.	Area Studies and Diversity (4 credits – 2 courses)	
	5540: cr		cr	
	5540: cr		Cr.	