BELLARMINE UNIVERSITY CURRICULUM CONTRACT

Mathematics

CERTIFICATION PROGRAM, Grades 8-12

Student Name:	**ID#**
GPA Major (min 2.5)	**Cum GPA (min 2.5)**

Core Requirements			**Hrs**	**49**
Course	Dept	Course #	Sem Hrs	Sem Taken
Freshman Focus	IDC.	100	1	
Freshman Seminar	IDC.	101	3	
Expository Writing	ENGL	101	3	
Reading Literature	ENGL	200	3	
Fine or Perf. Arts			3	
Communications	COMM	103/205	3	
Chemistry	CHEM	130/109-111	3	
Biology	BIOL	111-116	3	
W. World I or II	HIST	116/117	3	
Social Science			3	
Philosophy	PHIL	160	3	
Philosophy	PHIL	301	3	
Theology	THEO	200	3	
Theology Elective	THEO		3	
U.S. Experience	IDC.	200	3	
Transcultural Exper	IDC.	301	3	
Senior Seminar	IDC.	401	3	

Professional Education			**Hrs**	**44**
Intro School of Ed	EDUC	131	1	
Computer Applications	EDUC	116	3	
Field Based Instruction	EDUC	132	1	
Foundations of Education	EDUC	200	3	
School Health, Nutrition	EDUC	208	3	
Collaboration	EDUC	212	3	
Psych Of Adolescence	EDUC	221	3	
Curric. Design & Issues (Sec)	EDUC	341	3	
Teaching Secondary School	EDUC	342	3	
Teaching Math in Sec. Schools	EDUC	347	3	
Sec Classroom Learning Environment	EDUC	355	3	
Superv. Prof. Semester (8-12)	EDUC	441	6	
Superv. Prof. Semester (8-12)	EDUC	442	6	
Reading in Content Areas	EDUC	445	3	

Specialization – Mathematics			**Hrs**	**48**
Course	Dept	Course #	Sem Hrs	Sem Taken
Calculus I	MATH	117	4	
Calculus II	MATH	118	4	
Discrete Math	MATH	120	3	
Linear Algebra	MATH	215	3	
Calculus III	MATH	216	3	
Numbers & Proofs	MATH	231	3	
Modern Geometry	MATH	305	3	
Probability & Stats	MATH	314	3	
Abstract Algebra Or Adv. Linear	MATH MATH	331 332	3	
Real Analysis Or Complex Analysis	MATH MATH	403 411	3	
Readings in Math	MATH	450	3	
One of the following Courses:	MATH	312, 315, 332, 352, 403, 411	3	
Math Electives (2)	MATH	300 or 400	6	
Strongly Recommended				
Programming Fund	C.S.	130	4	

Testing Requirements		
Math Content	0061	
Math Proofs Models, Problems	0063	
Principles of Learn & Teach	0524	

Transition Requirements	
Admit to Teacher Education	
Admit to Professional Semester	
Exit from Program	

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Advisor Signature Date

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Student Signature Date