

# Curriculum Contract

Secondary Education (8-12)  
 Mathematics  
 Bachelor of Science  
 UNION COLLEGE CURRICULUM PLAN

\_\_\_\_\_  
Candidate

\_\_\_\_\_  
ID #

\_\_\_\_\_  
Advisor

It is the student's responsibility to consult the College Catalog regarding requirements for admission to the Teacher Education Program and student teaching. These include, but are not limited to, a 2.75 GPA overall, in pre-professional requirements, in professional requirements and in teaching emphasis for admission to student teaching.

This Program of Study is valid for 3 years following acceptance into the Teacher Education Program. The program may be altered at any time, however, by state or national accreditation or certification agencies.

UNION COLLEGE LIBERAL EDUCATION CORE(or equivalent)      Completed \_\_\_\_\_

### PRE-PROFESSIONAL REQUIREMENTS

Required Course		Hrs	Transfer/Substitution & Inst.	Grade
1.	Diversity Perspectives Course <sup>1</sup>	3		
2.	EDUC 281 Educational Technology	3		
3.	PSYH 200 Intro to Psychology	3		

Pre-Professional GPA \_\_\_\_\_

### PROFESSIONAL PREPARATION<sup>2</sup>

Required Courses				Hrs	Transfer/Substitution & Inst.	Grade
1.	Novice Block	EDUC 231	Schooling in American Culture	3		
2.		EDUC 211	Early Involvement Seminar	2		
3.		EDUC 210	Early Involvement Practicum	1		

Required Courses				Hrs	Transfer/Substitution & Inst.	Grade
4.	Inter. Block	PSYH 225	Adolescent Psychology	3		
5.		EDUC 376	Instructional Design and Delivery: Sec. School	3		
6.		PSYH 470	Theories of Learning	3		
7.		EDUC 310	Intermediate involvement Practicum	1		
8.		SPED 321	Survey of Exceptionalities	3		

PRAXIS I: Reading \_\_\_\_\_; Writing \_\_\_\_\_; Math \_\_\_\_\_

Date Admitted to Teacher Education \_\_\_\_\_

9.	Adv. Block <sup>3</sup>	EDUC 410	Advanced Involvement Practicum	1		
10.		EDUC 338	Teaching Reading in the Content Subjects	3		
11.		EDUC 447	Methods and Materials in the Secondary School	3		

Professional GPA \_\_\_\_\_

PRAXIS TESTS		KY REQUIRED SCORE	DATE	SCORE
Math Content Knowledge (5061) or (0061)		125		
Math: Proofs, Models, and Problems, Part 1 (0063)		141		
Principles of Teaching and Learning (5624) or (0624)		160		

12.	Final Block	EDUC 488	Professional Interaction	3		
13.		EDUC 498	Student Teaching in Secondary School <sup>4</sup>	12		

<sup>1</sup> Multiple options available. Check with advisor.

<sup>2</sup> A grade point average of 2.75 is required and no grade below a "C" is acceptable

<sup>3</sup> Candidate must be admitted to Teacher Education to take Advanced Block Classes (see catalogue).

<sup>4</sup> To be eligible for Student Teaching:

(a) All Professional Courses excluding (EDUC 488) must be completed

(b) All PRAXIS II content area and PLT tests must be passed.

Student Teaching Portfolio Approval Date: \_\_\_\_\_

### Mathematics \*

	Course	Course Name	Hrs	Transfer/Substitution & Inst.	Grade
1.	MATH 241	Intro to Calculus	4		
2.	MATH 242	Intermediate Calculus	4		
3.	MATH 243	Advanced Calculus	4		
4.	MATH 333	Modern Algebra	3		
5.	MATH 301	Principles of Geometry	3		
6.	Or	MATH 402	Func of Complex Var	3	
		MATH 403	Intro to Analysis		
7.	MATH_____	Math Elective (300+)	3		
8.	MATH_____	Math Elective (300+)	3		
9.	MATH_____	Math Elective (300+)	3		

Total Minimum Required MATH Prefix Courses 30 Hours

10.	PHYS 211	General Physics I	4		
11.	PHYS 213	Gen Physics Lab I	1		
12.	PHYS 212	General Physics II	4		
13.	PHYS 214	Gen Physics Lab II	1		

Total Hours: 40 Hours

Academic Emphasis GPA \_\_\_\_\_

Cumulative GPA \_\_\_\_\_

\*Check catalog for required prerequisites in all courses

Recommended Elective Courses (See Requirements 7 through 9 above)

MATH 321	Discrete Math	3
MATH 331	Intro to Lin Algebra	3
MATH 332	Linear Algebra	3
MATH 372	Prob & Math Stats	3

A total of 120 semester hours is required for graduation. Thirty-two of the last 38 hours must be earned at Union. Appropriate Praxis II and PLT tests must be successfully completed for certification.

Teacher certification requirements are subject to change. Before registering for the Praxis test(s), please refer to the Education Professional Standards Board website at [www.epsb.ky.gov](http://www.epsb.ky.gov) for current requirements or call 502-564-4606 or toll free at 1-888-598-7667.

\_\_\_\_\_  
Advisor

\_\_\_\_\_  
Date

\_\_\_\_\_  
Candidate

\_\_\_\_\_  
Date