



Secondary Education 8-12
Math
Bachelor of Science Curriculum Plan

Student

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; however, the program may be altered at any time by state or national accreditation or certification agencies.

Union Liberal Education Core (or equivalent) Completed _____

Pre-Professional Requirements (15 Hours)

| | Required Course | | Hrs. | Transfer/Substitution & Inst. | Grade |
|----|-----------------|------------------------------|------|-------------------------------|-------|
| 1. | SPAN 113 | Spanish for Pro. Practice | 3 | | |
| 2. | EDUC 283 | Educational Technology | 3 | | |
| 3. | PSYH 200 | Introduction to Psychology | 3 | | |
| 4. | MATH 230 | Elementary Prob. & Stats. | 3 | | |
| 5. | WELL 131 | First Aid & Safety Education | 3 | | |

Pre-Professional GPA _____

Professional Preparation² (41 Hours)

| | Required Course | | | Hrs. | Transfer/Substitution/Notes | Final 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 Course | | | Hrs. | Transfer/Substitution/Notes | Final Grade |
|----|-----------------|----------|---|------|-----------------------------|-------------|
| 4. | Inter. Block | EDUC 376 | Instructional Design and Delivery Sec. School | 3 | | |
| 5. | | EDUC 310 | Intermediate Involvement Practicum | 1 | | |
| 6. | | EDUC 470 | Learning Theories for P12 Educators | 3 | | |
| 7. | | SPED 321 | Survey of Exceptionalities | 3 | | |

CASE Exam: Reading _____ Writing _____ BIOL _____

Date Admitted to Teacher Education _____

| | Required Course | | | Hrs. | Transfer/Substitution/Notes | Final Grade |
|----|-------------------------|----------|-------------------------------------|------|-----------------------------|-------------|
| 8. | Adv. Block ³ | EDUC 410 | Advanced Involvement Practicum | 1 | | |
| 9. | | EDUC 338 | Teaching Reading in Content Subject | 3 | | |

| | | | | | | |
|---|--|----------|--|--------------------------|-------------|--------------|
| 10. | | EDUC 447 | Methods and Materials: Secondary School | 3 | | |
| NOTE: Students must be admitted to Teacher Education to take Advanced and Final Block classes (see College Catalog). | | | | | | |
| PRAXIS Exams | | | | KY Required Score | DATE | SCORE |
| English Language Literature & Composition: Content & Analysis | | | | 166 | | |
| Principles of Teaching and Learning (5624) or (0624) | | | | 160 | | |
| To be eligible for Student Teaching, all professional courses excluding EDUC 488 must be completed, and all PRAXIS II content area tests must be passed. | | | | | | |

| | Required Course | | | Hrs. | Transfer/Substitution/Notes | Final Grade |
|-----|-----------------|-----------|------------------------------------|------|-----------------------------|-------------|
| 11. | Final Block | EDUC 488: | Professional Interaction in School | 3 | | |
| 12. | | EDUC 498: | Student Teaching ⁴ | 12 | | |

Professional GPA _____

¹ Multiple options available. Check with advisor

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

³ Student must be admitted to Teacher Education to take Advanced Block Classes (see catalogue)

⁴ To be eligible for Student Teaching:

- All Professional Courses excluding EDUC 488 must be completed.
- All PRAXIS II content area and PLT tests must be passed.
- Consult Educational Studies Unit for other requirements.

Student Teaching Portfolio Approval: _____
(College Based Supervisor) (Date)

Math (35 Hours)

| | Required Course | | Hours | Transfer/Substitution/Notes | Final Grade |
|--------------|-----------------|---|-----------|-----------------------------|-------------|
| 1. | Math 230 | Elementary Probability & Statistics | 3 | | |
| 2. | MATH 241 | Differential Calculus and Analytic Geometry | 4 | | |
| 3. | MATH 242 | Intermediate Calculus and Analytic Geometry | 4 | | |
| 4. | MATH 243 | Multivariate Calculus and Analytic Geometry | 4 | | |
| 5. | MATH 333 | Modern Algebra | 3 | | |
| 6. | MATH 301 | Principles of Geometry | 3 | | |
| 7. | MATH 331 | Intro to Linear Algebra | 3 | | |
| 8. | MATH 332 | Linear Algebra | 3 | | |
| 9. | MATH 372 | Probability & Math Statistics | 3 | | |
| 10. | PHYS 211 | General Physics I | 4 | | |
| 11. | PHYS 213 | General Physics Lab I | 1 | | |
| TOTAL | | | 35 | | |

ACADEMIC EMPHASIS GPA _____ CUMULATIVE GPA _____

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 for current requirements or call 502-564-4606 or toll free at 1-888-598-7667.

Advisor Date Candidate Date