

4. CURRICULUM CONTRACT:



**CURRICULUM CONTRACT**

**Undergraduate Degree Program – B.S., Physics (Reference #754)  
Leading to Initial Teacher Certification (Rank III) in Secondary Physics Education, Grades 8-12**

**Admission Requirements:**

To be admitted into this program, candidates must meet all minimal criteria described on the “Transition Points” page under “Transition Point 1: Admission to Education Preparation Programs.”

| <b>Science/Math Education Component—37 hours</b>  |        | <b>REQUIRED CORE PHYSICS COURSES (Total = 35 hrs)</b> |         |  |  |
|---|--------|---|---------|--|--|
| SMED 101 – Step 1   | 1 hr.  | PHYS 180 – Introductory Modern Physics                | 3 hrs   |  |  |
| SMED 102 – Step 2   | 2 hrs. | PHYS 181 – Introductory Modern Physics Lab            | 1 hr    |  |  |
| SMED 310 – Knowing & Learning   | 3 hrs. | PHYS 255 – University Physics I                       | 4 hrs   |  |  |
| SMED 320 – Classroom Interactions   | 3 hrs. | PHYS 256 – University Physics I Lab                   | 1 hr    |  |  |
| SPED 330 – Diversity in Learning  | 3 hrs. | PHYS 265 – University Physics II                      | 4 hrs   |  |  |
| SMED 340 – Perspectives   | 3 hrs. | PHYS 266 – University Physics II Lab                  | 1 hr    |  |  |
| SMED 360 – Research Methods   | 3 hrs. | PHYS 301 – Electrical Measurements Lab                | 1 hr    |  |  |
| SMED 470 – Project-based Instruction  | 3 hrs. | PHYS 302 – Atomic Laboratory                          | 1 hr    |  |  |
| LTCY 421 – Reading for Middle/Second  | 3 hrs. | PHYS 316 - Comp Physics or Phys 318 Data Acquisition  | 3 hrs   |  |  |
| SMED 489 – Student Teaching Seminar   | 3 hrs. | PHYS 321 Intro Modern Physics 2                       | 3 hrs   |  |  |
| SEC 490 – Student Teaching  | 10 hrs | PHYS 350 Classical Mechanics I                        | 3 hrs   |  |  |
| <b>Colonnade Plan Component—39 hours</b>  |        | PHYS 398 Junior Seminar                               | 0.5 hrs |  |  |
| See WKU catalog website for guidance in selecting appropriate coursework to meet WKU’s Colonnade Plan requirements. |        | PHYS 440 Electromagnetism I                           | 3 hrs   |  |  |
|   |        | PHYS 498 - Senior Seminar                             | 0.5 hrs |  |  |
|   |        | PHYS ___ Elective                                     | 3 hrs   |  |  |
|   |        | PHYS ___ Elective                                     | 3 hrs   |  |  |
|   |        | PHYS ___ Elective                                     | 3 hrs   |  |  |
|   |        | <b>ADDITIONAL REQUIRED COURSES (Total = 28 hrs)</b>   |         |  |  |
|   |        | MATH 126 – Calculus & Analytic Geometry I             | 4.5 hrs |  |  |
|   |        | MATH 227 – Calculus & Analytic Geometry II            | 4.5 hrs |  |  |
|   |        | MATH 307- Introduction to Linear Algebra              | 4 hrs   |  |  |
|   |        | MATH 327- Multivariable Calculus                      | 4 hrs   |  |  |
| MATH 331- Differential Equations  | 3 hrs  |   |         |  |  |
| CHEM 120 – College Chemistry I  | 4 hrs  |   |         |  |  |
| CHEM 121 – College Chemistry I Lab  | 1 hr   |   |         |  |  |
| CS ___ - (Computer Science, CS 230 or higher)   | 3 hrs  |   |         |  |  |
| <b>Grand Total of Hours</b>   |        |   | 141 hrs |  |  |

**Mid-Point Assessment Requirements:**

To be admitted into the Student Teaching Semester, candidates must meet all minimal criteria described under “Transition Point 2: Admission to Final Clinical Experience.”

**Program Completion Requirements:**

1. To complete a teacher preparation program, candidates must meet all minimal criteria described under “Transition Point 3: Program Exit.”
2. Note that additional requirements (described below) must be met in order to be recommended for initial certification.
3. Rules and regulations governing the completion of this program of study have been described above and on the next page. By your signature, you are acknowledging that you understand and accept responsibility for meeting these requirements.

**Delineation of EPP-Wide Transition Points – Initial Preparation Program**

| <b>Transition Point 1: Admission to Education Preparation Programs</b>   |  |                     |                            |                                |
|--|--|---------------------|----------------------------|--------------------------------|
| <b>Data Reviewed</b>   | <b>Minimal Criteria</b>  | <b>Review Cycle</b> | <b>Reviewed By</b>         | <b>Approved By</b>             |
| <b>Unit Level Data:</b>  | <b>Admission to Teacher Education</b>  |                     |                            |                                |
| <ul style="list-style-type: none"> <li>• Cumulative GPA</li> <li>• CASE test scores</li> <li>• Application to include:                             <ul style="list-style-type: none"> <li>– 3 faculty recommendations</li> <li>– Physical (including TB test)</li> <li>– KY criminal background check</li> <li>– Signed KY Code of Ethics</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>• 2.75+ average or above</li> <li>• Minimum CASE scores required as defined by current state guidelines (demonstrates Critical Thinking and Communication Skills)</li> <li>• 3 positive faculty recommendations (demonstrates their dispositions for teaching indicating their creativity and collaboration skills)</li> <li>• Passing physical</li> <li>• Passing background checks</li> </ul> | Each Month          | Office of Teacher Services | Professional Education Council |
| <b>Transition Point 2: Admission to Final Clinical Experience</b>  |  |                     |                            |                                |
| <b>Data Reviewed</b>   | <b>Minimal Criteria</b>  | <b>Review Cycle</b> | <b>Reviewed By</b>         |                                |
| <b>Unit Level Data</b>   | <b>Successful application to Student Teaching</b>  |                     |                            |                                |
| <ul style="list-style-type: none"> <li>• GPAs and at least 90+ hours completed (including 75% of content courses)</li> <li>• Completion of required field hours</li> <li>• Completion of Key Assessments</li> <li>• Dispositions scores</li> </ul>   | <ul style="list-style-type: none"> <li>• 2.75+ GPA (overall, major, minor, and professional education courses); C or higher in all professional education courses</li> <li>• At least 200 hours documented based on requirements of 16 KAR 5:040</li> <li>• 2+ holistic score; 2+ per KTS measured</li> <li>• All dispositions average “At Standard” (3+)</li> </ul>   | Each Semester       | Office of Teacher Services | Professional Education Council |
| <b>Transition Point 3: Program Exit</b>  |  |                     |                            |                                |
| <b>Data Reviewed</b>   | <b>Minimal Criteria</b>  | <b>Review Cycle</b> | <b>Reviewed By</b>         |                                |
| <b>Unit Level Data:</b>  | <b>Program Exit</b>  |                     |                            |                                |
| <ul style="list-style-type: none"> <li>• Candidate student teaching</li> <li>• Teacher Work Sample scores</li> <li>• Dispositions scores</li> </ul>  | <ul style="list-style-type: none"> <li>• C or Higher</li> <li>• 2+ holistic score; 2+ per KTS measured</li> <li>• All scores “At Standard” (3+)</li> </ul>   | Each Semester       | Office of Teacher Services | Certification Officer          |

**To be recommended for initial certification, an applicant must document:**

Completion of an approved educator preparation program in each desired certification area; Passing score(s) on the appropriate PRAXIS II and PLT exam(s) or other assessments required for each desired certification area; Achievement of at least a 2.75 GPA overall, in each major and minor, and in professional education courses; Attainment of at least a “C” in all professional education courses, including student teaching.

**Remediation Opportunities:**

**TP 1:** Candidates may continue to submit Faculty Recommendations until three are positive.

**TP 2:** Candidates may request additional instruction from faculty and may resubmit Key Assessments in order to improve their scores.

**TP 3:** Candidates may request additional instruction from faculty and may resubmit the Teacher Work Sample Key Assessment in order to improve their score. Candidates may repeat student teaching.

**EPSB Disclaimer:** Teacher certification requirements are subject to change. Before registering for the test(s), please refer to the Education Professional Standards Board (EPSB) website at [www.epsb.ky.gov](http://www.epsb.ky.gov) for current requirements or contact the Division of Professional Learning and Assessment at 502-564-4606 or toll free 888-598-7667.

By signing below, the candidate ensures that he or she has been advised of, understands, and agrees to adhere to all program requirements, including assessment requirements, of the program.

**Candidate Name (printed):**

**Education Advisor's Signature/Date:**

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Signature

Date

**Candidate Signature/Date:**

**Specialization Advisor's Signature/Date (if needed):**

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Signature

Date

Signature

Date

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**\*\*END OF CURRICULUM CONTRACT\*\***