ATTENTION ALABAMA TWO-YEAR COLLEGE STUDENTS

If you plan to transfer to UAB from an Alabama Junior College to study High School Education: Physics, this page lists required and recommended courses in Areas I through V, including courses specifically required by UAB in Area V.

This is the transfer page that is referred to in the articulation guide. The AGSC articulation guide and this page comprise the articulation agreement for a major in High School Education: Physics at the University of Alabama at Birmingham.

Please print this page, fill in your name and today's date, and attach it to the Physics Education articulation guide.

Name (print): ___________________________________

Signature: _____________________________________

Date: __________________

Core Curriculum Requirements

Students transferring from Alabama public two-year and four-year colleges and universities should consult the AGSC site for complete details regarding Areas I-IV for all majors, including the list of approved courses for each institution.

Specific requirements for students planning to transfer to UAB and major in High School Education: Physics are included below.

AREA I - Written Composition (6 semester hours)

AGSC: Requirements include at least 6 semester hours in written composition.

UAB: Students must make at least a "B" in one written composition course and a "C" in the other.

AREA II - Humanities and Fine Arts (12 semester hours)

AGSC: Requirements include at least 12 semester hours in humanities with a minimum of 3 semester hours in literature*, 3 semester hours in the arts, and the remaining semester hours from the humanities and/or fine arts. *As part of the General Studies Curriculum, students must complete a 6 semester sequence either in literature or history.

UAB: Students are strongly encouraged to fulfill the 6 semester hour literature/history sequence requirement in literature.

AGSC: Students must take one of the following courses:
Alabama College System Course

SPH 106 Fundamentals of Speech Communication (3 sem. hrs.)
SPH 107 Fundamentals of Public Speaking (3 sem. hrs.)

UAB: Students must make a grade of "C" or better in the speech course.

AREA III - Natural Sciences and Mathematics (11 semester hours)

AGSC: Requirements include at least 11 semester hours (15 quarter hours) with at least 3 semester hours (5 quarter hours) in mathematics at the pre-calculus algebra level or higher and at least 8 semester hours (10 quarter hours) in the natural sciences which must include laboratory experiences. Disciplines in the natural sciences include but are not limited to, astronomy, biology, chemistry, geology, and physics.

Alabama College System Course

MTH 125 Calculus I (4 sem. hrs.)
CHM 111 College Chemistry I (4 sem. hrs.)
CHM 112 College Chemistry (4 sem. hrs.)

AREA IV - History, Social, and Behavioral Sciences (12 semester hours)

AGSC: Requirements include 12 semester hours with at least a 3 semester hour course in history* and at least 6 semester hours from among other disciplines in the social and behavioral sciences. Disciplines include, but are not limited to, anthropology, economics, geography, political science, psychology and sociology. *As part of the General Studies Curriculum, students must complete a 6 semester hour sequence either in literature or history.

UAB: Students are strongly encouraged to fulfill the 6 semester hour literature/history sequence requirement in literature.

UAB: Students are strongly encouraged to complete the following courses:

Alabama College System Course

PSY 200 General Psychology (3 sem. hrs.)
SOC 200 Introduction to Sociology (3 sem. hrs.)

One of the following:
ANT 200 Introduction to Anthropology or GEO 100 World Regional Geography

AREA V - Pre-Professional, Major, and Elective Courses for High School Education: Physics at UAB (20 semester hours.)

Contact

Name: Tashara Walker
Title: Director, Office of Student Services
AGSC:
- eight semester hours of general physics with calculus (4 sem. hrs. each)

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<tr>
<th>Alabama College System Course</th>
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<tbody>
<tr>
<td>PHY 221 General Physics with Calculus I (4 sem. hrs.)</td>
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<tr>
<td>PHY 222 General Physics with Calculus II (4 sem. hrs.)</td>
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UAB:
- two calculus courses beyond calculus I (4 sem. hrs. each)
- general psychology (if not taken in Area IV) (3 sem. hrs.)
- HPE 200 Quality of Life (no Alabama College System equivalent) (2 sem. hrs.)

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<tr>
<td>MTH 126 Calculus II (4 sem. hrs.)</td>
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<tr>
<td>MTH 227 Calculus III (4 sem. hrs.)</td>
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<tr>
<td>PSY 200 General Psychology (3 sem. hrs.)</td>
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COMPLETE REQUIREMENTS FOR EDUCATION MAJORS AT UAB:
General Admission Requirements:
All students interested in obtaining a "Class B" certificate must make application for admission to the Teacher Education Program prior to the term in which they are completing prerequisites to the Teacher Education Program. For a complete description see [http://catalog.uab.edu/undergraduate/](http://catalog.uab.edu/undergraduate/).

*Traditional undergraduate programs requiring an education major in mathematics or any science field will be replaced with the pathways certification offered by UABTeach. As such, candidates enrolled in the traditional mathematics or any science field must complete the program by May 2018.*