**Program:** General Science (6-12) (17)  
**Total Hours:** 33-36

**CLASS AA PROGRAM APPROVAL CHECKLIST FOR SINGLE TEACHING FIELD**

<table>
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<tr>
<th>Date Approved:</th>
<th>5/11/2017</th>
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<td>Date Expires:</td>
<td>6/30/2024</td>
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**THE UNIVERSITY OF ALABAMA**  
**COLLEGE OF EDUCATION**

This advising sheet applies to candidates having appropriate prior certification who begin this program at UA or elsewhere June 1, 2017. Candidates earning graduate credit prior to this date may elect to utilize this program. Candidates must present a GPA of at least 3.50 on all courses in the program below, with no grade below a “C.” Credits over 6 years old may not be used for degree purposes, and credits used for the previous Class A support certificate may not be used for this program.

### Required Courses: 9 sem hrs req

- **CSE 665** Improving Science Instruction ...................................3  
- **CSE 670** Research and Theory in Secondary Education ...3  
- **CSE 693** Advanced Workshop in Secondary Education.....iii  
- **or**  
- **CSE 697** Educational Specialist Degree Research.........iii

### Foundations of Professional Studies: 3 sem hrs req.  
Select course from the SDE approved list of diversity courses below.

* **BEF 503, BEF 507, BEF 534, BEF 575, BEF 607, BEF 650, BEF 667, BEF 681**

*Additional courses may be SDE approved. See Office of Student Services

### Educational Research: 3 sem hrs req

- **BER 540** Statistical Methods in Education ......................iii  
- **or**  
- **BER 600** Quantitative Research Methods in Education.....iii  
- **or**  
- **BER 631** Inquiry as Interpretation: Qualitative I.............iii

### Teaching Field: 12 sem hrs req. (At least 1/3 of the total hrs in this program must be in graduate-level teaching field courses. Coursework must include at least one course in two areas – BSC, PH, CH, or GEO.)

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<tr>
<th>Course</th>
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### Additional Requirements: 6-9 sem hrs req

- **CIE 625** Seminar in Science Education Research...........3  
- **CIE 620** Designing and Conducting Research on Classroom Teaching ..........................................3

*SPE 500 Intro to Exceptional Children & Youth...........0-3  
*If a special ed survey course was not completed as part of the undergrad program, or another grad program, then SPE 500 is required.

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**NOTE:** At least 15 sem hrs (5 courses) of the 30 sem hr total MUST be at the 600-level. This may not be "automatic."

**Notes:**  
- a) English language arts, gen science, and gen social science require at least 1 course in 2 tch field areas;  
- b) a passing score on a comprehensive written exam covering the content of the curriculum is required;  
- c) if admitted to this program, one must hold AL Class A before applying for Class AA certification.

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**Dean, College of Education**  
**Date:** 2-27-2017