# ALTERNATIVE CLASS A EDUCATION PROGRAM CHECKLIST

**Institution:** The University of Alabama in Huntsville  
**Date Approved:**  
**Date Expires:**  
**Revisions:**

## Study in each of the following areas:

### Curriculum:
- ED 604 - Contributions of Psychology to Education: 3 hours
- ED 609 - Classroom & Behavior Management: 3 hours

### Methods of Teaching:
- ED 523 - Teaching Science in Middle and High Schools: 3 hours

### Diverse Populations: (including special needs)
- ED 530 - Applied Multiculturalism: 3 hours

### Literacy: (including mathematics and technology)
- ED 608 - Content Area Reading: 3 hours
- ED 520 - Computer-based Instructional Technology: 3 hours

### Professionalism:
- ED 501 - Introduction to Education: 1 hour

### Using Assessment Data to Improve Student Learning:
- ED 607 - Educator as Evaluator: 3 hours

### Survey of Special Education Coursework: (required if not previously completed)
- ED 593 - Teaching Exceptional Children: 3 hours

### Internship:
- ED 698 - Middle and High School Internship: 3 hours

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## Teaching Field:
At least 1/3 of the program shall be in teaching field courses.

- **15 hours of graduate coursework in Biology is required**
- See graduate course listing or graduate catalog for course descriptions
- **English Language Arts, General Science, and General Social Studies programs shall require at least one course in two areas within the broader field.**

## Additional Courses:

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**Dean of Education:**  
**Date:** _________________________
Biological Sciences - Graduate Courses

- BYS 505 - Psychopharmacology
- BYS 519 - Gene Structure and Function
- BYS 532 - Animal Physiology
- BYS 535 - Advanced Microbiology
- BYS 537 - Psychobiology of Stress and Illness
- BYS 543 - Molecular Biology of the Cell
- BYS 547 - Biochemistry I
- BYS 548 - Biochemistry II
- BYS 556 - Advanced Molecular Techniques
- BYS 562 - Community Ecology
- BYS 563 - Population Ecology
- BYS 564 - Limnology
- BYS 600 - Neuroscience
- BYS 630 - Immunology
- BYS 690 - Seminar
- BYS 691 - Special Topics (also at AAMU)
- BYS 692 - Research (also at AAMU)
- BYS 699 - Master's Thesis (also at AAMU)
- MS 501 - Introduction to Oceanography
- MS 502 - Marine Botany
- MS 503 - Marine Invertebrate Zoology I
- MS 505 - Marine Vertebrate Zoology
- MS 509 - Marine Ecology
- MS 510 - Marsh Ecology
- MS 515 - Coastal Ornithology
- MS 520 - Marine Geology
- MS 525 - Marine Biology For Teachers
- MS 599 - Research On Special Topics
- MS 691 - Special Topics In Marine Sciences