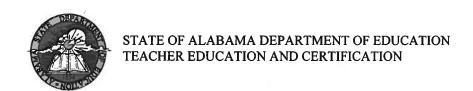


		Program:	Alternative A - Biology	
			Total Hours:	46
ALTERNATIVE CLAS	SS A EDI	UCATION PROGRAM CI	HECKLIST	
Institution: The University of Alabama in Huntsville		Date Approved: Date Expires: Revisions:		
Study in each of the following areas:		Teaching Field: At least 1/3 field courses.	of the program shall be	in teaching
Curriculum: ED 604 - Contributions of Psychology to	3	15 hours of graduate course Biology is required	ework in	
Education ED 609 - Classroom & Behavior Management	3	See graduate course listing catalog for course descripti	or graduate	
Methods of Teaching: ED 523 - Teaching Science in Middle and High Schools	3			
Diverse Populations: (including special needs)		6		
ED 530 - Applied Multiculturalism	3	English Language Arts, C		
Literacy: (including mathematics and technology) ED 608 - Reading in the Content Areas	3	and General Social Studie require at least one course within the broader field.		
ED 520 - Computer-based Instructional Technology	3			
Professionalism: ED 501 - Introduction to Education	1	Additional Courses:		
Using Assessment Data to Improve Student Learning: ED 607 - Education Leader as Evaluator	3			
Survey of Special Education Coursework: (required if not previously completed)	2	Dean of Education:		
ED 593 - Educating the Exceptional Child & Youth	<u>3</u>			
Internship: ED 698 - Middle and High School Internship	3	Beth n. G Date: 9-17	-2015	

Alternative A - Biology



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