Online EdS Program in Science Education
Tentative EdS General Course Schedule – Cohort 1 begins in Fall, Cohort 2 begins in January, and Cohort 3 begins in June
Dennis Sunal at dwsunal@bama.ua.edu

Prerequisite requirements: Must have obtained a Masters Degree and a Certification previous to entrance into this EdS program. If the candidate has received the Masters degree and certification in another state outside of Alabama the completion of this EdS degree will not provide Alabama AA (EdS) level certification. In such cases inquiry must be made in the state where EdS level certification is being sought. The teaching field graduate science courses must advisor pre-approved and must be 1) from an NCATE accredited institution or equivalent and 2) relate to the candidates certification subject teaching field (Example BSC ### Genetics for a Biology subject teaching field).

Cohort 1(Fall) Tentative Schedule of courses: Courses are offered so that it may be possible for completion of the EdS Science Education Program in 2+ years for Cohort 1. - Schedule of 10 EdS online courses: The Teaching Field graduate science courses can be taken at any time depending on your pace in taking courses. You can take a slower pace of one course a semester thus extending the program. The maximum time is 6 years. See UA Graduate Catalog for time and other regulations.

The last two courses will focus on completion of an action research thesis. A comprehensive exam can be taken after 24 hours into the program.

EdS Science Education Program - Tentative Schedule: If you miss a course during one year it is usually offered the next year.

Fall
* CIE 625 - Seminar in Research in Science Education - 3 credit hours online
  and/or
  Teaching Field graduate science course - 3 credit hours. (taken at local university and transferred or online – get all transfers to UA approved ahead of time by the UA EdS science advisor)
  and/or
* BER 540 - Statistical Methods in Education (this is a prerequisite with CIE 620)- 3 credit hours - campus, Gadsden, and hybrid from campus only sections (email Dr. A. Kuntz at akuntz@bamaed.ua.edu for information)
  and/or
Additional possible Teaching Field graduate science course - 3 credit hours) (taken at local university and transferred or online – get all transfers to UA approved ahead of time by the UA EdS science advisor)

Spring
* CSE 665 – Secondary School Science - 3 credit hours online
  and/or
* CIE 620 – Designing and Conducting Classroom Research - 3 credit hours online
  and/or
Teaching Field graduate science course - 3 credit hours. (taken online or at local university and transferred – get all transfers to UA approved ahead of time by the UA EdS science advisor)

and/or

(possible additional) *BER 540 - Statistical Methods in Education (this is a prerequisite with CIE 620)- 3 credit hours - campus, Gadsden, and hybrid from campus only sections, not fully online, see summer version (email Dr. A. Kuntz at akuntz@bamaed.ua.edu for information)

and /or

Additional possible Teaching Field graduate science course - 3 credit hours (taken at local university and transferred or online – get all transfers to UA approved ahead of time by the UA EdS science advisor)

Summer

*BEF 503 – History of American Education (science education section)-3 credit hours online (contact instructor for special science teacher section- (email instructor Stephen Tomlinson at Stomlins@bama.ua.edu or phone 205-348-9820))

and/or

*BER 540 - Statistical Methods in Education (this is a prerequisite with CIE 620)- 3 credit hours – fully Online only section (email Dr. A. Kuntz at akuntz@bamaed.ua.edu for information)

and/or

Teaching Field graduate science course - 3 credit hours. (taken online or at local university and transferred – get all transfers to UA approved ahead of time by the UA EdS science advisor)

This sequence above is repeated most years. When education courses complete take concluding coursework in the program below.

Concluding coursework for program

Year 2 or later**

Fall

CSE 670 (1) – Research and Theory in Secondary Education - EdS Thesis proposal completed - 3 credit hours online (prerequisite = all “*” education courses must be completed)

and/or

(repeat course) Additional possible Teaching Field graduate science course(s) - 3 credit hours each

Spring

CSE 697 (2) – Educational Specialist Degree Research (Thesis data collection and analysis) - EdS Thesis completed- 3 credit hours online (prerequisite = all “**” education courses must be completed; Thesis Completed and Accepted)

and/or

(repeat course) Additional possible Teaching Field graduate science course - 3 credit hours

and (or later)

**EdS Comprehensive Exam (Taken during CSE 697, requires the abstract from your Thesis)

**EdS Comprehensive Exam for Advanced Teacher Certification (Taken in the last 6 hours of the program). Graduation possible as early as May 2019 or later depending on pace of courses taken. If you miss a course during one year it is usually offered the next year.