**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...........** 3
  - or
- CSE 697 Educational Specialist Degree Research.................... 3

**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.)

- .................................................................................................................. 3
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**Foundation 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 ........................................... 3

**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

**Additional Requirements:** 6-9 sem hrs req Approved by advisor.

- 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 complete as part of the undergrad program, or another graduate program, then SPE 500 is required.

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

**Date:** 2-27-2017

**Dean, College of Education**