



**SOUTH DAKOTA BOARD OF REGENTS  
ACADEMIC AFFAIRS FORMS**

**New Course Request**

<b>USD</b>	<b>Curriculum and Instruction-School of Education</b>
<b>Institution</b>	<b>Division/Department</b>
<i>Elizabeth M. Freeburg</i>	<i>3/20/2017</i>
<b>Institutional Approval Signature</b>	<b>Date</b>

**Section 1. Existing Course Title and Description**

Prefix & No.	Course Title	Credits
ELED/SEED 710	STEM Methods II: Research Literature in STEM Education (Short Title: STEM Methods II)	3

**Course Description**

This course engages in an exploration and examination of the research literature on STEM Education in elementary and secondary contexts. Students will explore the theoretical underpinnings of STEM Education, related pedagogical approaches, the efficacy of STEM instructional approaches, as well as socio-cultural issues in STEM fields.

**Pre-requisites or Co-requisites N/A**

**Registration Restrictions N/A**

**Section 2. Review of Course**

**2.1. Was the course first offered as an experimental course (?)**

- Yes (*if yes, provide the course information below*)       No

**2.2. Will this be a unique or common course (place an "X" in the appropriate box)?**

**Unique Course**

Prefix & No.	Course Title	Credits
	None	

*Provide explanation of differences between proposed course and existing system catalog courses below:*

The proposed course is a methods course that investigates the research literature on STEM education pedagogy and socio-cultural issues. There are no courses in the system catalog that are equivalent to this.

**Section 3. Other Course Information**

**3.1. Are there instructional staffing impacts?**

- No.** Schedule Management, explain below: The courses can fit within faculty load and will be possible to staff with quality adjuncts, too. Current electives required in math, science, and/or technology.

**3.2. Existing program(s) in which course will be offered:** The course will be offered within the current ELED/SEED MA program and within the STEM specialization.

- 3.3. **Proposed instructional method by university:** D: Discussion/Recitation
- 3.4. **Proposed delivery method by university:** 015 Internet Asynchronous - Term Based
- 3.5. **Term change will be effective:** August 2017
- 3.6. **Can students repeat the course for additional credit?**  
 Yes, total credit limit: \_\_\_\_\_  No
- 3.7. **Will grade for this course be limited to S/U (pass/fail)?**  
 Yes  No
- 3.8. **Will section enrollment be capped?**  
 Yes, max per section: 33  No
- 3.9. **Will this course equate (i.e., be considered the same course for degree completion) with any other unique or common courses in the common course system database in Colleague and the [Course Inventory Report](#)?**  
 Yes  No
- 3.10. **Is this prefix approved for your university?**  
 Yes  No  
*If no, provide a brief justification below:*

**Section 4. Department and Course Codes (Completed by University Academic Affairs)**

- 4.1. **University Department Code:** UC&I
- 4.2. **Proposed [CIP Code](#):** 13.1316
- Is this a new CIP code for the university?*  Yes  No