



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

New Course Request

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

Section 1. Existing Course Title and Description

Prefix & No.	Course Title	Credits
ELED/SEED 700	STEM Methods I: History, Foundations, Trends and Issues of Science Technology and Math Short title: (STEM Methods I)	3

Course Description

This course is a survey course that investigates the historical and philosophical foundations of the STEM education disciplines that include the current focus on *integrative* STEM issues. This course describes the socio-cultural, economic, and political influences.

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 (place an "X" in the appropriate box)?

- 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
SEED 513	7-12 Science Methods	3
SEED 518	7-12 Math Methods	3
SEED 715	Prin/Prob MS/HS Science Tchng	3
SEED 718	Principles Secondary Math Teach	3

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

The proposed course is a survey course that investigates the historical and philosophical foundations of the STEM education disciplines that include the current focus on *integrative* STEM issues. This course describes the socio-cultural, economic, and political influences. There are no courses in the system catalog that are really equivalent to this. The integration of STEM courses will allow us to meet the needs of our K12 partners and our students.

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: R-Lecture

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