



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

New Course Request

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

Section 1. Existing Course Title and Description

Prefix & No.	Course Title	Credits
ELED/SEED 720	Designing Projects and Environments in STEM Education [Suggested short title: Projects & Environments STEM Ed]	3

Course Description
This course is designed to help teachers design problem- and project-enhanced environments in STEM education. It will give students an opportunity to explore STEM modules, contents, instructional strategies, and assessments necessary in designing and developing a research-based, integrative, problem-, project-enhanced environment within their classroom. It will prepare them in the development of practical instructional strategies and effective lesson imaging necessary for fostering STEM instruction.

Pre-requisites or Co-requisites (add lines as needed)

Prefix & No.	Course Title	Pre-Req/ Co-Req?
ELED/SEED 700	STEM Methods I: History, Foundations, Trends and Issues of Science Technology and Math	Pre-Req
ELED/SEED 710	STEM Methods II: Research Literature in STEM Education	Pre-Req

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
	None	

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

The proposed course is a design course that affords students an opportunity to explore and design STEM instruction for the classroom. This course describes contents, instructional strategies, and assessments necessary in designing and developing a research-based, integrative, problem-, project-enhanced environment. There are no courses in the system catalog that are really 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: 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