



SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS
New Course Request

USD	Arts & Sciences / Biomedical Engineering	
Institution	Division/Department	
<i>Elizabeth M. Freeburg</i>		10/17/16
Institutional Approval Signature		Date

Section 1. Course Title and Description

Prefix & No.	Course Title	Credits
ISCI 153/L	Integrated Science II/Laboratory	3/1

Course Description
<p>This course will broaden students understanding of chemical and physical concepts important in biology. Concepts will include energy and probability in equilibrium systems, energy and entropy in bonding, reduction and oxidation chemistry, and catalytic systems.</p> <p>Note: Course descriptions are short, concise summaries that typically do not exceed 75 words. DO: Address the content of the course and write descriptions using active verbs (e.g., explore, learn, develop, etc.). DO NOT: Repeat the title of the course, layout the syllabus, use pronouns such as “we” and “you,” or rely on specialized jargon, vague phrases, or clichés.</p>

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

Prefix & No.	Course Title	Pre-Req/Co-Req?
ISCI 151/L	Integrated Science I/Integrated Science I Laboratory	Pre-Req
ISCI 153L	Integrated Science II Laboratory	Co-Req

Registration **Restrictions** N/A

Section 2. Review of Course

2.1. Was the course first offered as an experimental course (if yes, provide the course information)?No

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

Unique Course

Prefix & No.	Course Title	Credits
ISCI 151/L	Integrated Science I/Integrated Science I Laboratory	3/1

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

ISCI 151/L provides an introduction to the concepts needed for ISCI 153/L. ISCI 153/L builds on this material and introduces topics not covered in ISCI 151/L

Prefix & No.	Course Title	Credits
ISCI 215/L	Good Laboratory Practices/Laboratory	3/1

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

ISCI 215/L shares a common prerequisite with ISCI 153/L, and provides student with the opportunity to apply introductory concepts in the context of an analytical laboratory.

Section 3. Other Course Information

3.1. Are there instructional staffing impacts?

No. Schedule Management, explain: Course will be taught with current faculty.

3.2. Existing program(s) in which course will be offered:

Integrated Science

3.3. Proposed instructional method by university:

D Discussion/Recitation / L Laboratory

3.4. Proposed delivery method by university:

001 Face-to-face Term Based Instruction

3.5. Term change will be effective:

Fall 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: 25

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

If yes, indicate the course(s) to which the course will equate (add lines as needed):

Prefix & No.	Course Title

3.10. Is this prefix approved for your university?

Yes

No

If no, provide a brief justification below:

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

4.1. University Department Code:

UA&S

4.2. Proposed [CIP Code](#):

41.0301

Is this a new CIP code the university?

Yes

No