



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 225/L	Integrated Science III/Laboratory	3/1

Course Description
This course will introduce students to chemical and physical processes occurring within cells. Concepts will include cellular structures, intracellular macromolecular synthesis, biochemical signals, and biomolecular transport and dynamics.

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

Prefix & No.	Course Title	Pre-Req/Co-Req?
ISCI 153/L	Integrated Science II/Integrated Science II Laboratory	Pre-Req
ISCI 225L	Integrated Science III 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

<i>Provide explanation of differences between proposed course and existing system catalog courses below</i>
ISCI 151/L provides an introduction to the concepts needed for ISCI 153/L, which is a prerequisite for ISCI 225/L. ISCI 225 requires an understanding of this material.

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

<i>Provide explanation of differences between proposed course and existing system catalog courses below</i>
ISCI 153/L is a prerequisite for ISCI 225/L, and introduces chemical and physical concepts required for the understanding of cellular structures and biochemical processes addressed in this course.

Section 3. Other Course Information

3.1. Are there instructional staffing impacts?

X 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