



SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS
New Course Request

USD	Arts & Sciences/Biology
Institution	Division/Department
<i>Elizabeth M. Freeburg</i>	5/6/19
Institutional Approval Signature	Date

Section 1. Course Title and Description

Prefix & No.	Course Title	Credits
BIOL 475L/575L	Introduction to Molecular Biology Lab	1

NOTE: The Enrollment Services Center assigns the short, abbreviated course title that appears on transcripts. The short title is limited

Course Description
This is a hands-on laboratory course in molecular biology methods. The course is designed to introduce advanced students to the techniques of recombinant DNA, or gene cloning and expression. It is an optional complement to the lecture course BIOL 475 Introduction to Molecular Biology

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

Prefix & No.	Course Title	Pre-Req/Co-Req?
BIOL 475/575	Introduction to Molecular Biology	Co-Req

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?

If the request is for a unique course, verify that you have reviewed the common course catalog via Colleague and the system [Course Inventory Report](#) to determine if a comparable common course already exists. List the two closest course matches in the common course catalog and provide a brief narrative explaining why the proposed course differs from those listed. If a search of the common course catalog determines an existing common course exists, complete the Authority to Offer an Existing Course Form.

Unique Course

Prefix & No.	Course Title	Credits
BIOC 431L	Princ of Biochemistry Lab	1
BIOC 310L	Biological Chemistry Lab	1

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

In a search through the course catalog these are the closest courses to the proposed laboratory. BIOC 310L is a 300-level course and therefore does not have the same rigor as the proposed course or the similar BIOC 431L. BIOC 431L covers the principles of biochemistry which has some overlap with an understanding of molecular biology. The proposed course focuses more on concepts of biology such as mechanisms of DNA replication and cellular processes. As both exist as separate lecture courses, it only follows that both should be acceptable to exist as separate laboratory courses.

Section 3. Other Course Information

3.1. Are there instructional staffing impacts?

- No.** Schedule Management, explain below: The course will be taught by existing faculty as part of their normal workload.

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

3.3. Proposed instructional method by university: L- Laboratory

3.4. Proposed delivery method by university: U01- Face to face

3.5. Term change will be effective (enter catalog year): 2019-2020

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: 24 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

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

4.1. University Department Code: UBIO

4.2. Proposed [CIP Code](#): 26.0204

Is this a new CIP code for the university? Yes No