



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

Authority to Offer an Existing Course

NSU
Institution

Science and Math
Division/Department

Michael Werous
Institutional Approval Signature

1/31/2020
Date

1. Is this a request to offer an existing common course or an existing unique course (approval will change course status from unique to common)?

- Common Course
 Unique Course

2. Provide the complete description as it appears in the system database including pre-requisites and co-requisites.

Prefix & No.	Course Title	Credits
CHEM 464 and CHEM 464L	Biochemistry I and Biochemistry I Lab	Lecture: 3 Lab: 1

Course Description
Lecture: A study of the fundamental principles governing the behavior of biochemical systems. Topics covered in the two semester sequence include the study of proteins, lipids and carbohydrates, metabolic processes, biological oxidation and reduction processes, molecular aspects of DNA replication and repair pathways, transcription and RNA processing, and protein translation.
Lab: Laboratory designated to accompany CHEM 464.

Pre-requisites or Co-requisites (add lines as needed, make sure to copy boxes in Pre-req and Co-req cells)

Prefix & No.	Course Title	Pre-req	Co-req
CHEM 229	Transformation Organic Molec (Required for Lecture)	Y or	
CHEM 328	Organic Chemistry II (Required for Lecture)	Y	
CHEM 464	Biochemistry I (Lecture required for Lab.)	No	Yes
CHEM 328 L	Organic Chemistry II Lab (Lab required for Lab.)	Yes	No

6. Existing program(s) in which course will be offered: BS in Chemistry and BS in Biology
(and future BS in Biochemistry)

7. CIP Code for the course: 26.0202

8. Proposed instructional method by this university: Lecture (R)

9. Proposed delivery method by this university: Face-to-Face (N01)

10. University Dept. Code: NMATH

Banner Department Code: NMTH

11. Authority to offer effective beginning in what term? Fall 2020

12. Section Restriction: 16-20 students
