



SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS
Authority to Offer an Existing Course

USD/SDSM&T
Institution

Biomedical Engineering/Nanoscience & Nanoengineering
Division/Department

USD 9/10/2018 *Elizabeth M. Freeburg*

SDSM&T Senate 10/11/18

Institutional Approval Signature

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)?

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
BME 101/101L	Intro/Biomedical Engineering/Lab	1/1

Course Description
An introduction to biomedical engineering that includes lectures and hands-on laboratory design projects. The principles of problem definition, engineering inventiveness, team design, prototyping, and testing, as well as information access, engineering standards, communication, ethics, and social responsibility will be emphasized.

Pre-requisites or Co-requisites			
Prefix & No.	Course Title	Pre-req	Co-req
Math 123	Calculus	Yes	Yes

3. Universities currently offering this course:

BHSU DSU NSU SDSMT SDSU USD

4. Does Offering the Course Create FTE Implications? No, receive DDN from USD host site.

5. Does Offering the Course Create Schedule Management Implications? Yes

Explain: SDSMT will need to work with USD to ensure DDN time and location are availability.

6. Existing program(s) in which course will be offered: Biomedical Engineering, B.S.

7. CIP Code for the course: 14.0501

8. Proposed instructional method by this university: D-Discussion/Recitation

9. Proposed delivery method by this university: 020/025 DDN Receive Site/Host

10. University Dept. Code: UBME/MNANO

11. Authority to offer effective beginning in what term? Fall 2019

12. Section Restriction: 25