



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

New Course Request

<u>USD</u>	<u>Biomedical Engineering</u>
Institution	Division/Department
<u>Elizabeth M. Freeburg</u>	<u>5/8/18</u>
Institutional Approval Signature	Date

Section 1. Course Title and Description

Prefix & No.	Course Title	Credits
BME 101	Introduction to Biomedical Engineering	1
BME 101L	Introduction to Biomedical Engineering Lab	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 (add lines as needed)

Prefix & No.	Course Title	Pre-Req/Co-Req?
MATH 123	Calculus I	Co-Req

Registration Restrictions

Must register with MATH 123 as a Co-Req or have taken Math 123 and earned a C or above.

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
N/A		

Section 3. Other Course Information

3.1. Are there instructional staffing impacts?

No. Schedule Management, explain below: Use available FTE.

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

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 2018

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: _____ 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
GE 130/L	Introduction to Engineering and Lab

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: UBME

4.2. Proposed [CIP Code](#): 14.0501

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