



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

**Request to Seek Accreditation**

<b>UNIVERSITY:</b>	<b>USD and SDSM&amp;T</b>
<b>PROGRAM:</b>	<b>Biomedical Engineering</b>
<b>CIP CODE:</b>	<b>14.0501</b>
<b>UNIVERSITY DEPARTMENT:</b>	<b>Biomedical Engineering (USD) Nanoscience &amp; Nanoengineering (SDSM&amp;T)</b>
<b>UNIVERSITY DIVISION:</b>	<b>College of Arts and Sciences (USD) TBD (SDSM&amp;T)</b>

**University Approval**

*To the Board of Regents and the Executive Director: I certify that I have read this proposal, that I believe it to be accurate, and that it has been evaluated and approved as provided by university policy.*

\_\_\_\_\_ Date  
President of the University

\_\_\_\_\_ Date  
President of the University

**1. Level of program seeking accreditation (place an "X" in the appropriate box):**

- Certificate                       Associate                       Bachelor's  
 Doctoral                               Master's

**2. Accrediting Agency:**

Accreditation Board for Engineering and Technology, Inc. (**ABET**)

**3. What are the advantages of accreditation?**

The advantages of accreditation fall in three categories: Students, Program and Institution, Industry

**1. Students:**

- A. Verifies that the educational experience meets global standard
- B. Enhances student employment opportunities—many corporations require graduation from accredited programs
- C. Supports student entry in to a technical profession through licensure, registration, and certification. Most professions require graduation from an ABET-accredited program.
- D. Establishes student's eligibility for many federal student loans, grants, and/or scholarships.

**2. Programs and Institutions:**

- A. ABET accreditation tells prospective students, peers, and the professions that the program:
  - i. Receives recognition of its quality.
  - ii. Promotes “best practices” in education.
  - iii. Directly involves faculty and staff in self-assessment and continuous quality improvement processes.
  - iv. Is based on “learning outcomes,” rather than “teaching inputs.”
- 3. Industry, government and the world:
  - A. Ensures that graduates have met the educational requirements necessary to enter the profession.
  - B. Proof that a collegiate program has met standards essential to produce graduates ready to enter the biomedical engineering field
  - C. Graduates from an ABET-accredited program have a solid educational foundation and are capable of leading the way in innovation, emerging technologies, and in anticipating the welfare and safety needs of the public

**4. What are the anticipated costs involved in accreditation, including:**

**A. Costs involved in undergoing self-study and preparing the application for accreditation:**

The self-study and preparation of the application for ABET accreditation are carried out by the faculty of Biomedical Engineering Department. There are no additional costs for the program.

**B. Out-of-pocket costs related to dues or site visits:**

**Readiness Reviews**

Fee for each program reviewed	\$1,000
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What is the Readiness Review?

**On-Site Reviews**

Base fee for an on-site review	\$3,225
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Fee for each program evaluator (PEV)	\$3,225
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**Additional Fees**

One evaluator reviewing two programs	\$345
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Extra day, per program evaluator	\$345
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Visit to off-campus location, per location	\$345
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**Total Estimated for out-of-pocket costs related to dues or site visits: \$8,500.00**

**C. Base budget implications including incremental costs and minimum base resources required (dollars and FTE):**

**Annual Maintenance**

This fee covers the upkeep of accreditation data files, review of institutional materials, and the publication and distribution of annual lists of accredited programs.

Base fee per campus per commission \$685

Fee for accredited program at each campus \$685

Annual support fee: Once accredited the annual maintenance fee is \$1,370.00

**Curriculum:** The curriculum for this degree is designed to meet ABET requirements. Continuous improvement will occur in accordance with the ABET process.

**Faculty:** Program management and ABET accreditation preparation roles will be determined in the Memorandum of Understanding between the Universities.

**5. What is the source of the revenue needed?**

**USD: College of Arts and Sciences**

**SDSMT: Interdisciplinary Programs**

**6. What is the estimated date for submission of accreditation application?**

In order to submit an accreditation application, a student must graduate from the program. The Biomedical Engineering anticipates submitting the application for accreditation by June of 2023, with a site visit taking place in 2024.