

# Discipline Based Education Research

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## Department Information

- **Program Director:**  
Jennifer Momsen, Ph.D.
- **Department Web Site:**  
[www.ndsu.edu/dber/](http://www.ndsu.edu/dber/) (<http://www.ndsu.edu/dber/>)
- **Credential Offered:**  
Ph.D. (Dual Major in DBER and STEM discipline is an option)
- **English Proficiency Requirements:**  
TOEFL iBT 88, IELTS 6.5, Duolingo 110

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Applicants are invited for North Dakota State University's (NDSU) interdisciplinary Doctor of Philosophy (Ph.D.) program in Discipline Based Education Research (DBER). The program conducts and disseminates empirical research to improve STEM learning and teaching in higher education.

Coursework centers on graduate-level courses in the discipline area, a common core of DBER courses, and elective courses focused on research training. An interdisciplinary team of faculty supervised the candidate's dissertation research, which will investigate teaching and learning within/ across one or more STEM disciplines.

Although interdisciplinary in nature, graduate students in the DBER Ph.D. Program have an academic home in the STEM department/program of their discipline preference. Graduate committee membership includes faculty from the DBER program and from the department/program of discipline preference.

## Admission Requirements

Applicants will not be considered without a core faculty member who has agreed to serve as the major adviser. Applicants for the DBER Ph.D. program must meet at least one of the following criteria:

- Completed a masters (or Ph.D.) degree in a STEM discipline.
- Accepted into an NDSU master's program in a STEM discipline.
- Accepted into an NDSU Ph.D. program in a STEM discipline.