

STEM Education

Department Information

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

Applicants will not be considered without a core faculty member who has agreed to serve as the major advisor.

Applicants for the STEM Education PhD program must meet at least one of the following criteria:

- Completed a Masters (or PhD) degree in a STEM discipline.
- Accepted into an NDSU Master's program in a STEM discipline.
- Accepted into an NDSU PhD program in a STEM discipline.

The program requires 60 semester hours beyond the Master's Degree. Additionally, by completion of the doctorate, the coursework must include either a Master's Degree or its equivalent coursework in the chosen STEM discipline (this applies if the Master's Degree is in Education or another related field). In consultation with the student's graduate committee, a plan of study will be developed to ensure that the student has a strong background in

1. discipline-based educational research at the undergraduate level,
2. curriculum, teaching, learning, and assessment, and
3. content expertise within a discipline.

Students enrolled in program must maintain an overall GPA of at least 3.0 both within the content area and STEM courses. If the GPA in either component should drop below 3.0, then the student is placed on academic probation within the program for the following semester. If at the end of that semester the GPA still remains below 3.0, the student is subject to dismissal from the program.