Program name: Nanoscience and Nanoengineering, Ph.D.
Academic year 2012-13

**General graduate office requirements:**
(please see program requirements for additional information)

- Graduate advisory committee:
  - major professor (must be a faculty member at SDSM&T with a terminal degree)
  - graduate division representative (must be a full time faculty member at SDSM&T with a terminal degree; must not be from the student’s department/program)
  - minimum of 3 additional members for Ph.D. students

- Credit limitations:
  - Maximum of 12 credits can be transferred from another institution
  - Maximum of 9 credits in Special Topics, Advanced topics, Seminar, Co-op (691/791, 692/792, 690/790, 697)
  - Maximum of 12 graduate level (500 and above) credits taken as an undergraduate and not used toward undergraduate degree requirements
  - Maximum of 9 undergraduate level (300-400) credits not used toward undergraduate degree requirements

- Ph.D. option:
  - 80 credits required, 50 credits must be coursework
  - Minimum of 20 credits of research (898)
  - Students holding an M.S. degree can apply up to 24 coursework credits and 6 research credits toward the Ph.D. degree

**Program requirements for NANO-PhD:**

- NANO 701-Nano Materials
- NANO 702-Theory and Applications of Nanoscale Material Systems
- NANO 703-Instrumentation and Characterization of Nano-Materials (4 credits)
- NANO 890-Seminar (1 credit)
- Dissertation research (30-40 credits)
- Program major emphasis (26-36 credits)