Consider courses in

**Nanoengineering & Nanoscience**

**Colleges of Engineering & Mines and Arts & Sciences are offering following two courses for 2015-2016:**

**Fall 2015 – Nanoengineering and Nanoscience 1 (3 cr)**
A&S299 (Class #15432) Tu e& Thur 2 – 3:15 PM
This course will introduce students to basic theory and experimental techniques of nanoscience and nanotechnology. Students will learn to synthesize nano-scale particles and characterize them using state-of-the-art tools including a Scanning Tunneling Microscope (STM) and an Atomic Force Microscope (AFM). This course is a prerequisite for the course below.

**Spring 2016 – Engineering Applications of Nanoscience & Nanotechnology (3 cr)**
This course will cover mechanical, electrical, and chemical properties of nanomaterials and engineering applications of nanoscience and nanotechnology. It will also cover ethical, social, and environmental impacts of nanomaterials.

Contacts for more information:
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- **Chemistry Majors** – David Pierce (david.pierce@und.edu) or Julia Zhao (julia.zhao@und.edu)
- **Physics Majors** – Kanishka Marasinghe (kanishka.marasinghe@und.edu) or Nuri Oncel (nuri.oncel@und.edu)