Software Engineering Master's

Department Information

- **Department Web Site:**
  ndsu.edu/cs/ (http://ndsu.edu/cs/)
- **Application Deadline:**
  February 1 priority deadline for fall admission; September 1 for spring admission* No summer admission for any Software Engineering Program
- **Credential Offered:**
  M.S.E.
- **Test Requirement:**
  GRE recommended for assistantship consideration
- **English Proficiency Requirements:**
  TOEFL ibt 79; IELTS 6.5; Duolingo 105
- **Program Overview:**
  https://www.ndsu.edu/programs/graduate/software-engineering-software-and-security-engineering

Apply Now (https://ndsugrad.my.site.com/Application/TX_SiteLogin/?startURL=/Application/TargetX_Portal__PB)

Code	Title	Credits
Core Courses		
CSCI 713	Software Development Processes	3
CSCI 715	Software Requirements Definition and Analysis	3
CSCI 716	Software Design	3
CSCI 718	Software Testing and Debugging	3
CSCI 714	Software Project Planning and Estimation	3
CSCI 717	Software Construction	3
CSCI 848	Empirical Methods in Software Engineering	3
Electives - 9 Credits		9
Online CSCI courses at the 600, 700, and 800 levels		
Total Credits		**30**

Admission and Application Requirements

Graduate School admission and application requirements are found on the Admission Information (http://catalog.ndsu.edu/graduate/admission-information/) page. In addition to these requirements, the following are required:

- 2 credit hours or equivalent of Computer Science or Software Engineering courses from an educational institution of recognized standing, or at least one year full-time professional software engineering experience.
- Programming skill in a modern higher level programming language, preferably C++, C#, or Java
- GRE score is not required for admission. However, a GRE score above the median (50th percentile) for the quantitative reasoning portion is strongly recommended for gaining priority in assistantships
- A 3.0 (on a 4.0 scale) GPA in previous coursework. Conditional admission may be given with a 2.85 or higher GPA and professional experience.