# Software Engineering

Department Information

- **Department Location:**
  258 Quentin Burdick Building
- **Department Phone:**
  701-231-8562
- **Department Web Site:**
  www.ndsu.edu/cs/ (http://www.ndsu.edu/cs/)
- **Credential Offered:**
  B.S.; UG Certificate
- **Program Overview:**
  catalog.ndsu.edu/programs-study/undergraduate/software-engineering/ (http://catalog.ndsu.edu/programs-study/undergraduate/software-engineering/)

## Certificate Requirements

### Software Engineering

**Required Credits: 9**

**Required Courses**

| Code | Title | Credits |
| --- | --- | --- |
| CSCI 413 | Principles of Software Engineering | 3 |
| CSCI 419 | Software Testing and Debugging | 3 |
| Select one course from the following: | | 3 |
| CSCI 416 | Software Architecture and Design | |
| CSCI 450 | Cloud Computing | |
| CSCI 473 | Foundations of the Digital Enterprise | |
| CSCI 488 | Human-Computer Interaction | |
| **Total Credits** | | **9** |