

# Software Engineering

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## 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/) (<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/) (<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	
<b>Total Credits</b>		<b>9</b>