

## BACHELOR OF SCIENCE With a Major in COMPUTER SCIENCE

The Bachelor of Science (BS) degree is intended for students who wish to pursue a professional degree program in Computer Science. Students planning to do graduate work in computer science are strongly advised to pursue this degree program.

Required 125 hours, including:

I. Essential Studies Requirements. See the current UND Catalog and UND website.

II. Odegard School of Aerospace Sciences Requirements. See the current UND Catalog.

III. 50 credit hours in Computer Science as follows:

CSci 160.....	Computer Science I .....	(4)
CSci 161.....	Computer Science II .....	(4)
CSci 242.....	Algorithms and Data Structures.....	(3)
CSci 230.....	Systems Programming .....	(3)
CSci 289.....	Social Imp. of Comp. Tech.....	(3)
CSci 363.....	User Interface Design .....	(3)
CSci 365.....	Organization of Programming Languages .....	(3)
CSci 370.....	Computer Architecture .....	(4)
CSci 435.....	Formal Lang. & Automata.....	(3)
CSci 451.....	Operating Systems I.....	(3)
CSci 492.....	Senior Project I.....	(2)
CSci 493.....	Senior Project II.....	(2)
CSci 494.....	Special Projects in Computer Science .....	(1)
CSci Electives*	.....	(12)

\*A combined total of six credits from CSci 260, 297, 299, 397, or 494 may be applied toward these electives. The remaining electives must be UND Computer Science courses numbered 300 or above.

IV. Requirements from other departments:

EE 201.....	Introduction to Digital Electronics.....	(2)
EE 202.....	Laboratory for EE 201 .....	(1)
Comm 110.....	Fundamentals of Public Speaking.....	(3)
Math 208 .....	Discrete Mathematics .....	(3)
Math 165 .....	Calculus I.....	(4)
Math 166 .....	Calculus II .....	(4)
Approved Math Elective .....	.....	(3)
Approved Probability/Statistics Elective .....	.....	(3)
Approved 2-semester Lab Science Sequence .....	.....	(8)
Two approved courses in science or quantitative methods.....	.....	(6-8)

**A Bachelor of Arts with a Major in Computer Science degree is also offered.**

### Minor in Computer Science

Courses from Computer Science as follows:

CSci 160.....	Computer Science I .....	(4)
or		
CSci 130.....	Introduction to Scientific Programming.....	(4)
CSci 161.....	Computer Science II .....	(4)
CSci Electives*	.....	(12)

\*All 12 credit hours of Computer Science electives must be 200 level or above.