

Computer Science and Physics

Department Information

- **Department Location:**
Quentin Burdick Building or South Engineering
- **Department Web Site:**
www.ndsu.edu/cs/ (<http://www.ndsu.edu/cs/>)
- **Credential Offered:**
B.S.; B.A.
- **Official Program Curriculum:**
bulletin.ndsu.edu/undergraduate/program-curriculum/computer-science-physics/ (<http://bulletin.ndsu.edu/undergraduate/program-curriculum/computer-science-physics/>)

Sample Program Guide

Please note this is a sample program guide and not an official curriculum. Actual student schedules for each semester will vary depending on start year, education goals, applicable transfer credit, and course availability. Once admitted, students are encouraged to work with their assigned academic advisor on a regular basis to review degree progress.

| Freshman | | | |
|--|----------------|-------------------------------|----------------|
| Fall | Credits | Spring | Credits |
| PHYS 171 | | 1 ENGL 120 | 3 |
| MATH 165 | | 4 PHYS 251 & 251L | 5 |
| CSCI 160 | | 4 PHYS 251R | 1 |
| CSCI 189 | | 1 MATH 129 or 329 | 3 |
| ENGL 110 (Based on placement) | | 3 MATH 166 | 4 |
| Wellness Gen Ed | | 2 CSCI 161 | 4 |
| | | 15 | 20 |
| Sophomore | | | |
| Fall | Credits | Spring | Credits |
| PHYS 252 & 252L | | 5 PHYS 350 | 3 |
| PHYS 252R | | 1 MATH 266 | 3 |
| MATH 265 | | 4 COMM 110 | 3 |
| CSCI 213 | | 3 CSCI 336 | 3 |
| MATH 270 | | 3 Humanities/Fine Arts Gen Ed | 3 |
| | | 16 | 15 |
| Junior | | | |
| Fall | Credits | Spring | Credits |
| PHYS 360 | | 3 PHYS 370 | 3 |
| CSCI 366 | | 3 ENGL 324 | 3 |
| PHYS 355 | | 3 PHYS 361 | 3 |
| Social/Behavioral Sci and Cult Diversity Gen Ed | | 3 CSCI 372 | 3 |
| Humanities/Fine Arts & Global Perspectives Gen Ed | | 3 CSCI 374 | 3 |
| | | 15 | 15 |

| Senior | | | |
|---------------------------------------|----------------|--|----------------|
| Fall | Credits | Spring | Credits |
| PHYS 361 | | 3 PHYS 489 | 2 |
| PHYS 462 | | 3 CSCI 467 | 3 |
| Physics Elective | | 3 PHYS 486 | 3 |
| CSCI 474 | | 3 CSCI 313 | 3 |
| CSCI 4XX Computer Science Elective | | 3 or CSCI 4XX Computer Science Elective | |
| PHYS 485 | | 3 Humanities/Fine Arts Gen Ed | 3 |
| PHYS 488 | | 1 Social/Behavioral Science Gen Ed | 3 |
| | | 19 | 17 |

Total Credits: 132