

# COMPUTER SCIENCE, PHD

**Requirements for Students Matriculating in or before Academic Year 2024-2025.** Learn more about Graduate College Academic Regulation 7.0 (<http://catalog.okstate.edu/graduate-college/#70>).

**Total Hours:** 60

Code	Title	Hours
<b>Core Requirements</b> <sup>1,2</sup>		
CS 5113	Computer Organization and Architecture	3
CS 5313	Formal Language Theory	3
CS 5323	Design and Implementation of Operating Systems II	3
CS 5413	Data Structures and Algorithm Analysis II	3
CS 5513	Numerical Computation	3
<b>Hours Subtotal</b>		<b>15</b>
<b>Research Specialization</b>		
Select 12 hours from one area of CS at the 6000 level, excluding CS 6000.		12
<b>Hours Subtotal</b>		<b>12</b>
<b>Secondary Area of Study</b>		
Select 6 hours in one area of CS at the 6000 level, outside the area of specialization and excluding CS 6000.		6
<b>Hours Subtotal</b>		<b>6</b>
<b>Electives</b> <sup>3,4</sup>		
Select 6 hours of elective CS courses at the 5000-level or above.		6
<b>Hours Subtotal</b>		<b>6</b>
<b>Other Requirements</b>		
Twenty-one hours from:		21
CS 6000	Doctoral Dissertation	
<b>Hours Subtotal</b>		<b>21</b>
<b>Total Hours</b>		<b>60</b>

1

For Ph.D. students who have not earned a master's degree, at most one grade of "C" in a core course is acceptable providing it is offset by a grade of "A" in another core course.

2

A student who has completed a master's degree at another university may petition to have one or more of the OSU core courses waived in favor of equivalent graduate-level course(s) taken elsewhere. The question or whether or not a course at another university is equivalent to an OSU core course is entirely up to the judgment of the department.

3

These elective hours cannot include any courses claimed Core Requirements, Research Specialization or Secondary Area of Study, nor may they include any courses used on the plan of study for a master's degree, nor may they include any hours of CS 5000 or of CS 6000.

4

Students who have not completed a master's degree must satisfy the above elective requirements in this item plus the elective requirements for the master's degree (under the thesis option) in this department.

## Graduate College Doctor of Philosophy (PhD) Requirements

Learn more about Graduate College 2024-2025 Doctor of Philosophy (PhD) Degree Program Requirements (<http://catalog.okstate.edu/graduate-college/>). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.