COMPUTER SCIENCE, PHD

Requirements for Students Matriculating in or before Academic Year 2019-2020. Learn more about Graduate College Academic Regulation 7.0 (http://catalog.okstate.edu/graduate-college).

Total Hours: 60 Hours

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 5113</td>
<td>Computer Organization and Architecture</td>
<td>3</td>
</tr>
<tr>
<td>CS 5313</td>
<td>Formal Language Theory</td>
<td>3</td>
</tr>
<tr>
<td>CS 5323</td>
<td>Design and Implementation of Operating Systems II</td>
<td>3</td>
</tr>
<tr>
<td>CS 5413</td>
<td>Data Structures and Algorithm Analysis II</td>
<td>3</td>
</tr>
<tr>
<td>CS 5513</td>
<td>Numerical Computation</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Hours: 15

Research Specialization
Select 12 hours from one area of CS at the 6000 level, excluding CS 6000.

Hours Subtotal: 12

Secondary Area of Study
Select 6 hours in one area of CS at the 6000 level, outside the area of specialization and excluding CS 6000.

Hours Subtotal: 6

Electives 1 4
Select 6 hours of elective CS courses at the 5000-level or above.

Hours Subtotal: 6

Other Requirements
CS 6000 (Offered for variable credit, 2-15 credit hours, maximum of 40 credit hours.)

Total Hours: 21

Total Hours: 60

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.

General Graduate College Requirements

- No courses utilizing the Pass-No Pass grading system are permitted
- GRAD 5082 or GRAD 5092 may not be used to meet degree requirements

Additional Doctor of Philosophy (PhD.) Requirements

- 90 credits beyond the Bachelor’s degree, 60 credits beyond the Master’s degree are required
- At least seventy-five percent of coursework on the Plan of Study must include 5000 and 6000 level courses
- A minimum of 15 hours at the 6000 level with a grade of SR for the doctoral dissertation must be complete. The maximum number of dissertation hours (6000 with a grade of SR) permissible on a Plan of Study must not exceed three-fourths of the total credit hours in the approved graduate degree program
- Credit for all courses on a graduate Plan of Study must have been awarded within 10 years of completion of all degree requirements
- A minimum of 30 in-residence credit hours are required
- Non-Course requirements:
  - Doctoral Candidacy
  - Dissertation Defense
  - Dissertation Submission/Approval