

Semester Curriculum

- Course Credits (29-38):
 - Foundation courses: required, unless waived because of prior background
 - Research Foundation (3)
 - Quantitative Foundation (3)
 - Cyberinfrastructure Foundation (3)
 - Teaching Skills Workshop (2)
 - Cyberinfrastructure i-courses: required, one each from the three clusters
 - Infrastructure cluster (3)
 - Interaction cluster (3)
 - Informatics cluster (3)
 - Electives: 3-6 courses, depending on needs (9-18)
 - Notes:
 - Up to 9 credits can be awarded for previous graduate works
 - At least 60% of the credits must be taken for PhD level courses (including courses offered by other PhD programs)

- Dissertation Credits (22-31):
 - Varying, depending on the course credits

- Assessments:
 - Research Potential Assessment (qualifying exam)
 - End of 1st year for full-time students, and no later than the end of 2nd year for part-time students
 - Three components: grades, advisor's evaluation, and research paper/presentation
 - Doctoral proposal (admission to candidacy)
 - No later than 24 months after the research potential assessment
 - Written proposal, public defense
 - Dissertation
 - Written dissertation, public defense
 - One external reader, independent review

- Publication requirement
 - At least one paper before graduation
 - Specific requirements as outlined in the program policy