Semester Curriculum

• Course Credits (29-38):
  o Foundation courses: required, unless waived because of prior background
    ▪ Research Foundation (3)
    ▪ Quantitative Foundation (3)
    ▪ Cyberinfrastructure Foundation (3)
    ▪ Teaching Skills Workshop (2)
  o Cyberinfrastructure i-courses: required, one each from the three clusters
    ▪ Infrastructure cluster (3)
    ▪ Interaction cluster (3)
    ▪ Informatics cluster (3)
  o Electives: 3-6 courses, depending on needs (9-18)
  o 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):
  o Varying, depending on the course credits

• Assessments:
  o 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
  o Doctoral proposal (admission to candidacy)
    ▪ No later than 24 months after the research potential assessment
    ▪ Written proposal, public defense
  o Dissertation
    ▪ Written dissertation, public defense
    ▪ One external reader, independent review

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