# COMPUTING - DOCTOR OF PHILOSOPHY

Applicants should have completed an M.Sc. in Computing Science or a closely related field at an established university. Candidates will normally enter the program at the beginning of the Fall term.

## Requirements

1. **Breadth:** Candidates demonstrate breadth of knowledge by presenting a token in each of ten subjects normally selected from the three areas listed under fields of Study, as well as multidisciplinary courses, with no less than 2 tokens from any of the 3 areas. A token is a graduate course, or examination or a project, or a thesis, all at the Master's level in Computing Science. Although there are no formal course requirements, candidates should expect that some courses may be necessary to satisfy the breadth requirement.

2. **Comprehensive Examination:** Candidates demonstrate depth of knowledge by presenting a research proposal in the area in which they intend to pursue research. The research proposal should normally include a critical survey of the area, description of progress to date and of results sought. The research proposal is defended orally before an examining committee.

3. **Thesis:** The research described in the thesis should constitute a significant contribution to knowledge and must be of such quality as to warrant its publication in a recognized journal.