Master of Science in Computer Science
Flowchart of Coursework -- Academic Year 2012/13-2013-14

**Graduate Entrance Writing Requirement**
- NSCI 306 Writing
- Or
  - WREE (>= 40 score)
  - GRE (>= 5.0 score on the writing portion)

**Pre-requisite Courses**
- CSE 201 Comp Sci I
- CSE 202 Comp Sci II
- CSE 310 Dig Logic
- CSE 330 Data Struct
- MATH 211 Calculus I
- MATH 272 Discrete Mat
- MATH 212 Calculus II
- MATH 213 Calculus III
- MATH 372 Combinator

**Core Courses**
- CSE 401 Contem Arc
- CSE 450 Opera Syst
- CSE 455 Softw Engin
- CSE 431 Algo Analy
- CSE 500 Int For/Aut

**Examination Option**
- 6 Electives
- CSE 689 Comp Exam
- Students must complete 24 units of elective coursework. Eight of these units may come from CSE courses 500 or greater, and the remaining 16 units from CSE courses 600 or greater.

**Project Option**
- 5 Electives
- CSE 690 Masters Project
- Students must complete 20 units of elective coursework. Eight of these units may come from CSE courses 500 or greater, and the remaining 12 units from CSE courses 600 or greater.

**Thesis Option**
- 4 Electives
- CSE 699 Thesis
- Students must complete 16 units of elective coursework. Eight of these units may come from CSE courses 500 or greater, and the remaining 8 units from CSE courses 600 or greater.

*Must be satisfied no later than 2nd quarter upon admission. Must be at least a B grade in NSCI 306
**Or Graduated with a BS Computer Science Degree
*** Passing of Oral Comprehensive Examination on Core Courses and approval of project proposal before Advancement to Candidacy

California State University San Bernardino School of Computer Science and Engineering
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