Louisiana State University

Computer Science & Engineering

Plan of Study Guidelines

MS Plan of Study (37 Credits)

Complete this Plan of Study in consultation with your major professor. Fill this form COMPLETELY (37 credits), including any FUTURE COURSES in which you plan to enroll. This is NOT a binding contract and can be changed/updated with approval from your major professor.

Concentration:

- Choose a concentration from the areas below:
  - Core Computer Science
  - Systems Science
  - Computational Science

Core Courses Requirement (9 Credits)

- The core requirement consists of 3 courses (9 credit hours), one from each category below:
  - *Algorithms* (CSC 7300) or Theory of Computation (CSC 4890)
  - *Programming Languages* (CSC 4101 or CSC 7101) or Operating Systems (CSC 4103 or CSC 7103)
  - *Databases* (CSC 4402 or CSC 7402) or Machine Learning / Data Mining (CSC 4444 or CSC 7333 or CSC 7442)
- The student must pass each core course with an B- or better grade, otherwise the course must be repeated or a different core course should be taken.
- Note that these courses are mostly offered once year

Research Requirement (1 Credits)

- The student must also earn credit in CSC 7800 Research Seminar in the first year.

Electives Requirement--- Thesis (15 Credits) Project (21 Credits)

- Courses should be from chosen area of concentration
- Maximum of 6 credits from other departments for "Core Computer Science" concentration
- Maximum of 12 credits from other departments for “Systems Science” and “Computation Science” concentration
- CSC 7999 (Selective Readings in CSC) does not count towards the MS degree requirements
- Transfer Courses **Must be pre-approved** by completing the** ***Course Pre-Approval Form*** must be submitted **prior to** the Plan of Study.

Overall Requirement

- At least half of the courses (including both core and electives taken) must be at the 7000 level

Louisiana State University Division of Computer Science & Engineering

MS Plan of Study (37 Credits)

Instructions: Complete the Plan of Study according to the Guidelines on page 1

PLAN OF STUDY (select one): _____ First Submission _____ Update _____ Final Version

Name (Last, First): _____ LSU ID: _____

Student Contact No.: _____ Major Professor's Name: _____

Area of Concentration: Core Computer Science Systems Science Computational Science

CORE COURSES REQUIREMENT: 9 Credits

SEM/YR TAKEN	DEPT	COURSE#	LSU COURSE NAME	INSTRUCTOR	HRS	GRADE
	CSC				3	
	CSC				3	
	CSC				3	

RESEARCH SEMINAR REQUIREMENT: 1 Credit (Should be taken within the first year)

SEM/YR TAKEN	DEPT	COURSE#	LSU COURSE NAME	INSTRUCTOR	HRS	GRADE
	CSC	7800			1	

ELECTIVES REQUIREMENT: (SELECT) Thesis (15 Credits) ____ Project (21 Credits) ____

SEM/YR TAKEN	DEPT	COURSE#	LSU COURSE NAME	INSTRUCTOR	HRS	GRADE

Transfer Courses (**Must be pre-approved**: Course Pre-Approval Form)

SEM/YR TAKEN	DEPT	COURSE#	COURSE NAME	UNIVERSITY	HRS	GRADE	APPR EQUIV

RESEARCH REQUIREMENT:

Thesis: Minimum **12 Credits** of CSC 8000 ____

Project: Minimum **6 Credits** of CSC 7090 ____

Student's Signature Date

Major Professor's Signature Date

GRADUATE ADVISOR Date