DOCTOR OF PHILOSOPHY IN COMPUTER SCIENCE

Curriculum Structure

The PhD Program (Total 60 Cr Hrs)

Curriculum Components	Total Courses	Total Cr Hrs
Core Courses	1	3
Elective Courses in Major	3	9
Thesis	1	48
Total	**5**	**60**

Core courses

Core courses	
Course ID	**Course Title**
DENG 702	Applied Research Methodology

Concentration Courses

Elective courses	
Course ID	**Course Title**
CMPT 711	Visual Computing
CMPT 712	Network Security
CMPT 723	Distributed Systems and Cloud Computing
CMPT 742	Information Security
CMPS 753	Big Data Analytics
CMPT 771	Algorithm Design and modeling
CMPT 773	Machine Learning
CMPT 782	Special Topics in Computer Science

Study Plan

First Semester (6 Cr Hrs)

Term	Course #	Course Title	Cr Hrs
Fall	DENG 702	Applied Research Methodology	3
	CMPT XXX	Elective Course I	3
		Total	**6**

Second Semester (6 Cr Hrs)

Term	Course #	Course Title	Cr Hrs
Spring	CMPT XXX	Elective Course II	3
	CMPT XXX	Elective Course III	3
		Total	**6**

Third Semester (12 Cr Hrs)

Term	Course #	Course Title	Cr Hrs
Fall	CMPT 899	PhD Thesis	12
		Candidacy Exam	
		Total	**12**

Fourth Semester (12 Cr Hrs)

Term	Course #	Course Title	Cr Hrs
Spring	CMPT 899	PhD Thesis	12
		Total	**12**

Fifth Semester (12 Cr Hrs)

Term	Course #	Course Title	Cr Hrs
Fall	CMPT 899	PhD Thesis	12
		Total	**12**

Sixth Semester (12 Cr Hrs)

Term	Course #	Course Title	Cr Hrs
Spring	CMPT 899	PhD Thesis	12
		Oral Defense	
		Total	**12**