

# DOCTOR OF PHILOSOPHY IN ENGINEERING MANAGEMENT

## 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
<b>Total</b>	<b>5</b>	<b>60</b>

### Core courses


Core courses	
Course ID	Course Title
DENG 702	Applied Research Methodology


### Concentration Courses

Elective courses	
Course ID	Course Title
DENG 704	Applied Statistics Techniques
DENG 724	Innovation and Technology Management
DENG 725	Sustainable Development
DENG 726	Modeling and Simulation
EMP 752	Advanced Special Topics II

## Study Plan

First Semester (6 Cr Hrs)			
Term	Course #	Course Title	Cr Hrs
Fall	DENG 702	Applied Research Methodology	3
	DENG XXX	Elective Course I	3
	Total		6
Second Semester (6 Cr Hrs)			
Term	Course #	Course Title	Cr Hrs
Spring	DENG XXX	Elective Course II	3
	DENG XXX	Elective Course III	3
	Total		6

Third Semester (12 Cr Hrs)			
Term	Course #	Course Title	Cr Hrs
Fall	EMP 899	PhD Thesis	12
		Candidacy Exam	
	Total		12
Fourth Semester (12 Cr Hrs)			
Term	Course #	Course Title	Cr Hrs
Spring	EMP 899	PhD Thesis	12
	Total		12

Fifth Semester (12 Cr Hrs)			
Term	Course #	Course Title	Cr Hrs
Fall	EMP 899	PhD Thesis	12
	Total		12
	Sixth Semester (12 Cr Hrs)		
Term	Course #	Course Title	Cr Hrs
Spring	EMP 899	PhD Thesis	12
		Oral Defense	
	Total		12

