

## DOCTOR OF PHILOSOPHY IN CIVIL ENGINEERING

### 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
CVEN 710	Advanced Special Topics I
CVEN 711	Advanced Special Topics II
CVEN 712	Advances in Civil Engineering Practice and Research

### Study Plan

First Semester (6 Cr Hrs)			
Term	Course #	Course Title	Cr Hrs
Fall	DENG 702	Applied Research Methodology	3
	CVEN XXX	Elective Course I	3
<b>Total</b>			<b>6</b>

Second Semester (6 Cr Hrs)			
Term	Course #	Course Title	Cr Hrs
Spring	CVEN XXX	Elective Course II	3
	CVEN XXX	Elective Course III	3
<b>Total</b>			<b>6</b>

Third Semester (12 Cr Hrs)			
Term	Course #	Course Title	Cr Hrs
Fall	CVEN 899	PhD Thesis	12
		Candidacy Exam	
<b>Total</b>			<b>12</b>

Fourth Semester (12 Cr Hrs)			
Term	Course #	Course Title	Cr Hrs
Spring	CVEN 899	PhD Thesis	12
<b>Total</b>			<b>12</b>

Fifth Semester (12 Cr Hrs)			
Term	Course #	Course Title	Cr Hrs
Fall	CVEN 899	PhD Thesis	12
<b>Total</b>			<b>12</b>

Sixth Semester (12 Cr Hrs)			
Term	Course #	Course Title	Cr Hrs
Spring	CVEN 899	PhD Thesis	12
		Oral Defense	
<b>Total</b>			<b>12</b>

