

This program aims at producing knowledgeable researchers with high ability in conducting quality research in accordance with the national strategic plan and being recognized at the international level. These researchers must show keen interest in doing research by taking initiatives and are able to self-develop for life-long learning as well as to be able to solve various problems on their own.

Applicant Qualifications

1. A candidate must hold a master's degree in Civil Engineering or other equivalent field of study with a GPA of not less than 3.5 or
2. A candidate must hold a bachelor's degree with first- or second-class honors in the same field of study stated in item no. 1 or
3. A candidate must hold a bachelor's degree or master's degree in the same field of study stated in item no. 1 and have research work and/or development work in civil engineering or related fields that meet the standards in which the committee of the entrance examination of the department has considered and deemed appropriate to study in the program.

Professions after Graduation

1. Civil Engineer
2. Researcher or lecturer
3. Construction project manager
4. Civil engineering academic
5. Building and structural designer
6. Professional in construction and survey establishments

Curriculum

Plan 1.1 for student with Master degree	48 Credits
Plan 2.1 for student with Master degree	48 Credits
Plan 2.2 for student with Bachelor degree	73 Credits

Curriculum Components

Plan 1.1 for student with Master degree		
● Dissertation	48	Credits
Plan.2 1 for student with Master degree		
● Elective Course	12	Credits
● Dissertation	36	Credits

Faculty of Engineering

Doctor of Philosophy Program in Civil Engineering

Plan 2.2 for student with Bachelor degree

• Major Course	4	Credits
• Elective Course	21	Credits
• Dissertation	48	Credits

COURSE STRUCTURE

Plan 1.1 for student with Master degree

First Year

First Semester	Credits
CVE 902 Dissertation	9
Total	9

Second Semester	Credits
CVE 902 Dissertation	9
Total	9

Second Year

First Semester	Credits
CVE 902 Dissertation	9
Total	9

Second Semester	Credits
CVE 902 Dissertation	9
Total	9

Third Year

First Semester	Credits
CVE 902 Dissertation	6
Total	6

Second Semester	Credits
CVE 902 Dissertation	6
Total	6

Plan 2.1 for student with Master Degree

First Year

First Semester	Credits
CVE xxx Elective I	3 (3-0-9)
CVE xxx Elective II	3 (3-0-9)
CVE xxx Elective III	3 (3-0-9)
CVE xxx Elective IV	3 (3-0-9)
Total	12 (12-0-36)

Faculty of Engineering

Doctor of Philosophy Program in Civil Engineering

Second Semester	Credits
CVE 901 Dissertation	9
Total	9
Second Year	
First Semester	Credits
CVE 901 Dissertation	9
Total	9
Second Semester	Credits
CVE 901 Dissertation	9
Total	9
Third Year	
First Semester	Credits
CVE 901 Dissertation	9
Total	9
Second Semester	Credits
CVE 901 Dissertation	9
Total	9

Plan 2.2 for student with Bachelor degree

First Year	
First Semester	Credits
CVE/MTH xxx Mathematics	3 (3-0-9)
CVE xxx Elective I	3 (3-0-9)
CVE xxx Elective II	3 (3-0-9)
CVE xxx Elective III	3 (3-0-9)
Total	12 (12-0-36)
Second Semester	Credits
CVE 701 Research Methodology	1 (0-3-3)
CVE xxx Elective IV	3 (3-0-9)
CVE xxx Elective V	3 (3-0-9)
CVE xxx Elective VI	3 (3-0-9)
CVE xxx Elective VII	3 (3-0-9)
Total	13 (12-0-39)
Second Year	
First Semester	Credits
CVE 902 Dissertation	9
Total	9

Faculty of Engineering

Doctor of Philosophy Program in Civil Engineering

Second Semester	Credits
CVE 902 Dissertation	9
Total	9
Third Year	
First Semester	Credits
CVE 902 Dissertation	9
Total	9
Second Semester	Credits
CVE 902 Dissertation	9
Total	9
Forth Year	
First Semester	Credits
CVE 902 Dissertation	6
Total	6
Second Semester	Credits
CVE 902 Dissertation	6
Total	6