

## **Catalog of Postgraduate Programs and Curricula**

### **Curriculum for MPhil(CIVL) (For students admitted in 2010-11)**

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#### **Program Requirements for Master of Philosophy (MPhil) Program in Civil Engineering**

##### *Credits*

To complete **at least 15 credits** of approved coursework.

##### *Postgraduate Seminar*

Full-time MPhil students are required to take and pass:

- CIVL 6050 *Civil Engineering Seminar I* at least twice; and
- CIVL 6060 *Civil Engineering Seminar II* least once.

##### *Language Requirements*

Full-time students must complete LANG 5001 *Postgraduate English for Academic Purposes*.

- (a) *The 1 credit earned from LANG 5001 cannot be counted toward the credit requirements.*
- (b) *Exemption from taking LANG 5001 may be granted by the Department Head and PG Coordinator.*

##### *Research and MPhil Examination*

1. To conduct research and enroll in CIVL 6990 *MPhil Thesis Research*; and
2. To defend the MPhil thesis successfully.

##### *Concentration*

###### Nanotechnology Concentration

In addition to the program requirements specified above, students who opt for the Nanotechnology concentration are required to:

- Take 1 NANO course;
- Complete NANO 6010 *Advanced Topics in Nano Science and Technology* for 1 term; and
- Conduct research in nano area.

###### Energy Technology Concentration

In addition to the program requirements specified above, students who opt for the Energy Technology concentration are required to:

- Take 1 ENEG course;
- Complete ENEG 6010 *Advanced Topics in Energy Technology* for 1 term. (*ENEG 6010 can be used to replace 1 term of registration of CIVL 6050*); and
- Conduct research in energy area.