Curriculum for MPhil(CBME)
(For students admitted in 2010-11)

Program Requirements for Master of Philosophy (MPhil) Program in Chemical and Biomolecular Engineering

Credits

To complete **a minimum of 12 credits** of postgraduate coursework, with at least 6 credits in Chemical and Biomolecular Engineering.

Postgraduate Seminar

1. **Full-time students** must take CENG 6800 *Chemical Engineering Seminar* every term, and present at least 1 seminar during their study. Students must pass CENG 6800 3 times, including once in the term when they present their seminar.

2. **Part-time students** must take and pass CENG 6800 at least once in the term when they present their seminar.

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 Thesis Examination

1. To conduct research and enroll in CENG 6990 *MPhil Thesis Research*; and

2. To defend the MPhil thesis successfully.

Concentration

Nanotechnology Concentration

In additional 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 *(NANO 6010 can be used to replace 1 term of CENG 6800)*; 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 CENG 6800)*; and
- Conduct research in energy area.