

# PlusOne Programs

# MS Chemistry

Northeastern University  
College of Science

## Eligibility

Students must be pursuing one of the following undergraduate degrees:

- BS Biochemistry
- BS Chemistry

**A minimum cumulative 3.000 GPA is required.**

**Prior to applying, students must:**

- Complete one co-op experience
- Identify a thesis advisor for their research

## Curriculum Requirements

A maximum of 16 graduate credits completed as an undergraduate can be used toward the Master of Science degree.

### REQUIRED COURSES TO COMPLETE AS AN UNDERGRADUATE STUDENT

#### BS Biochemistry

- CHEM 5620 Protein Chemistry (3 SH)
- Any course BIOL 5300-BIOL 5999 (4H) in place of advanced biology elective
- Three 5000+ level Chemistry courses (3 SH each) in place of up to 2 advanced chemistry electives

#### BS Chemistry

- CHEM 5621/5622 Principles of Chemical Biology (4 SH)
- CHEM 5628 Principles of Spectroscopy of Organic Compounds (3 SH)
- Three 5000+ level Chemistry courses (3 SH each), one of which replaces an advanced level chemistry elective

### REQUIRED COURSES TO COMPLETE AS A GRADUATE STUDENT

- 1 Chemistry graduate course (3 SH)
- CHEM 5501 Chemical Safety in the Research Laboratory (repeated, 2SH)
- CHEM 5904 seminar (repeated, 2 SH)
- CHEM 5984 Graduate MS Research (6 SH)
- CHEM 7990 MS Thesis (4 SH)

*Some graduate classes, research or thesis credits could be completed in the summer, depending on the availability of courses and individual student plans.*

## Other Information

Successful completion of the PlusOne program requires a seminar presentation and acceptance of a written thesis by a three-member appointed thesis committee.

Scan for  
application  
requirements

