

PlusOne Programs

Master's Degree Programs for Northeastern Undergraduates

The PlusOne program allows students the opportunity to pursue both a bachelor's and master's degree successively in a condensed period of time.

For students pursuing a PlusOne degree, several courses/credits of undergraduate work are replaced by graduate coursework, thus permitting the completion of an undergraduate degree, as well as a full master's degree, in a shorter period of time than would be possible if students pursued each degree separately through the traditional route. In most programs, with appropriate academic progress, students receive the master's degree one year after completing the undergraduate degree.

Depending on the program, students have the opportunity to do additional co-ops, work on an independent research project, and participate in other experiential learning opportunities. These experiences sharpen their critical thinking and analysis skills, while providing additional professional experience, making them more competitive upon entering the workforce.

When to Apply

Students should apply to enter the PlusOne program no earlier than their fifth academic semester and at least two semesters before expecting to earn the Bachelor of Science Degree.

Application Deadlines:

Fall – August 1st

Spring – December 1st

Graduate Admissions & Student Services

gradcos@northeastern.edu

617-373-4275

Note: Any financial aid a student may have received from the university while an undergraduate will not continue once the student obtains graduate status. **PlusOne students are not eligible for the Double Husky Scholarship**

Northeastern University
College of Science



MS Chemistry

Eligibility and Admission

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

Application Process

See Northeastern's College of Science website for more information and details on how to apply: <https://cos.northeastern.edu/admissions/graduate-programs/plusone-accelerated/>

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)
- BIOL 6401 Research Methods and Critical Analysis in Molecular Cell Biology (4 SH)
in place of advanced Biology Elective
- 3 5000+ level courses (3 SH each) *in place of up to 2 advanced chemistry electives*

BS Chemistry

- CHEM 5261/5622 Principles of Chemical Biology for Chemists (4 SH)
- CHEM 5628 Principles of Spectroscopy of Organic Compounds (3 SH)
in place of CHEM 4628
- 3 5000+ level Chemistry courses (3 SH each) *1 of which replaces an intermediate level Chemistry elective*

Required courses to complete as a graduate student

- One 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.