



Create Your Own PlusOne Requirements

If you would like to create a PlusOne program outside of the [current COS offerings](#) a [complete PlusOne application](#) is required for review. Select Program 'Create Your Own' on the online application. Submit this form in the Program Plan section of the online application. **The courses below are pre-requisites for each Master's Degree.**

Master of Science in Applied Mathematics

MATH 1365 Introduction to Mathematical Reasoning
MATH 1341 Calculus 1 for Science and Engineering
MATH 1342 Calculus 2 for Science and Engineering
MATH 2321 Calculus 3 for Science and Engineering
MATH 2331 Linear Algebra MATH 2341 Differential Equations/ Linear Algebra
MATH 3081 Probability and Statistics
+2 upper-level electives

Any course below 3000 can be replaced with a 3000+ elective with faculty advisor's permission.

Master of Science in Bioinformatics

BIOL 4707 Cell and Molecular Biology
MATH 2280 Statistics and Software
CS 2500 Fundamentals of Computer Science 1
CS 2501 Lab for CS 2500

Master of Science in Biotechnology

Organic Chemistry I (CHEM 2311 or CHM 2110)
Biochemistry (BIOL 3611 or BIO 3110)
MATH 3081 Probability and Statistics
Select one course from the following: BIO 2500 Genetics and Molecular Biology or BIO 2300 Cell Biology

Master of Science in Cell and Gene Therapies

Meet with the Program Director [Sahar Tavakoli](#) to determine if prerequisites will be needed and if so, identify which courses.

Master of Science in Chemistry

General Chemistry (CHEM 1101/2/3, CHEM 1151/3, CHEM 1161/2/3, OR CHEM 1211/2/3 and CHEM 1214/5/6)
Organic Chemistry (CHEM 2311/2 and CHEM 2313/4 OR CHEM 2315/6 and CHEM 2317/8)
One semester of PChem (CHEM 3431/2, OR CHEM 3401/2, OR CHEM 3403/4)
Analytical or Bioanalytical (CHEM 2321/2/3 OR CHEM 3331/2)

Master of Science in Environmental Science and Policy

Meet with the Program Director [Benjamin Dittbrenner](#) to determine if prerequisites will be needed and if so, identify which courses.

Master of Science in Marine Biology (Three Seas)

Meet with the Faculty Head [Jon Grabowski](#) to determine if prerequisites will be needed and if so, identify which courses.



Create Your Own PlusOne Credit Sharing Form

Student Information

Student name: _____ Undergraduate Major: _____

NU ID: _____ Potential PlusOne Program: _____

This College of Science form outlines the Graduate Level courses you are eligible to take while an Undergraduate student and how they will count towards your Undergraduate degree requirements.

Semester Planned to Take	Course Name	Course Number	Number of credits*	Undergraduate Category Requirements Replaced (examples – major requirement, elective, etc)

Undergraduate Faculty Advisor Name Undergraduate Faculty Advisor Signature Date

Undergraduate Academic Advisor Name Undergraduate Academic Advisor Signature Date

Graduate Director Name Graduate Director Signature Date

By signing this form, you are agreeing to and understand the following:

1. In order to be eligible for the PlusOne program, I am required to complete the courses as outlined above by my Academic Advisor and know they will fulfill the requirements, as listed.
2. Completion of this form is not a guaranteed acceptance in the PlusOne programs.
3. *Only 16 credits (17 credits for Biotechnology) of graduate courses can be taken as an undergraduate and be applied towards both the undergraduate and graduate degrees.
4. Any financial aid that a student may have received from the university while an undergraduate will not continue once a student obtains graduate status.
5. PlusOne students are not eligible for the Double Husky Scholarship.
6. I am applying at least two academic semesters before expecting to earn the Bachelor of Science degree (three academic semesters prior for Marine Biology).

Student Signature Date