



College of Science Create Your Own PlusOne Form

If you would like to create a PlusOne program outside of the [current offerings](#) submit this form with the [PlusOne transition form](#) in the supporting documents section of the online application. A [complete PlusOne application](#) is required for review. **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 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 [Tara Duffy](#) to determine if prerequisites will be needed and if so, identify which courses.



Graduate Course*	Undergraduate Category Requirements Replaced** (example – major requirement, elective)

Undergraduate Department/Program Director Signature _____

Graduate Director Signature _____

**Contact the Graduate Program to determine the graduate courses.*

***Contact your assigned undergraduate advisor to determine the undergraduate category requirement.*

Only 16 credits (17 credits for Biotechnology) graduate credits taken as an undergraduate can be applied toward both the undergraduate and graduate degrees.

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.