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 _______________________________

*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.*