

**Delivery: On-campus or hybrid**

**Credits: 15**

**Program Requirements:**

ENG 101: Composition

MAT 122: Precalculus or higher

*In addition, take required courses from one of four pathway concentrations:*

**Biology**

BIO 117: This is Life!

BIO 118: Animal Life\*

BIO 119: Plant Life\*

**Physics**

PHY 111: Physics I\*

PHY 112: Physics II\*

**Engineering**

PHY 121: Physics for  
 Engineers and Scientists I\*

PHY 122: Physics for  
 Engineers and Scientists II\*

**Chemistry**

CHY 101: General  
 Chemistry I\*

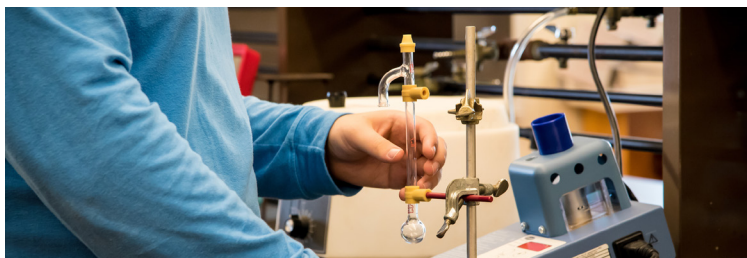
CHY 102: General  
 Chemistry II\*

*\*Courses marked with an asterisk are delivered on-campus only.*

The Early College Introduction to STEM (Science, Technology, Engineering and Math) Pathway is designed to give students a set of introductory-level STEM college credits.

**This pathway may lead to programs in a variety of majors at UMaine Machias, including:**

- B.A. in Biology with concentrations in:
  - Fisheries Biology
  - Wildlife Biology
  - Pre-Professional
- B.S. in Marine Biology with concentrations in:
  - Marine Ecology
  - Aquaculture
  - Coastal Conservation
- A.A. in Liberal Studies with a concentration in:
  - Allied Health
  - Aquaculture
  - Marine Biology
- Engineering Pathways, a 1+3 transfer program leading to majors at UMaine or USM:
  - Biomedical Engineering (UMaine)
  - Chemical Engineering (UMaine)
  - Civil Engineering (UMaine)
  - Computer Engineering (UMaine)
  - Construction Engineering Technology (UMaine)
  - Electrical Engineering (UMaine, USM)
  - Electrical Engineering Technology (UMaine)
  - Mechanical Engineering (UMaine, USM)
  - Mechanical Engineering Technology (UMaine)
  - Survey Engineering Technology (UMaine)



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