EARLY COLLEGE PATHWAYS:  
Aquaculture

The Early College Aquaculture Pathway is designed for students who wish to explore careers in aquaculture of shellfish, finfish, and algae. With Maine’s aquaculture industry on the rise, skilled workers are in demand. These courses combine hands-on experience in multiple aquaculture methods with introductory courses in science and the business skills needed to excel in the workforce.

This pathway may lead to programs in a variety of majors at UMM, 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:**
  - Aquaculture
  - Marine Biology

Completion of these majors allows students to pursue careers in fields such as:

- Aquaculture and fisheries
- Biology and genetics
- Conservation and resource management
- Outreach and environmental education
- Laboratory and field research
- Health sciences, pharmacy and medicine
- Interpretive naturalist (for museums, aquaria etc.)
- Secondary education
- Shellfish, finfish, or seaweed farmer
- Veterinary medicine

Pathway Requirements:

- BIO 136: Introduction to Aquaculture*
- BIO 117: This is Life!
- ENG 101: Composition and Presentation I
- BUS 111: Introduction to Business
- BIO 236: Aquaculture Internship

*Courses are listed in recommended sequence. All courses are available online unless marked with an asterisk.*