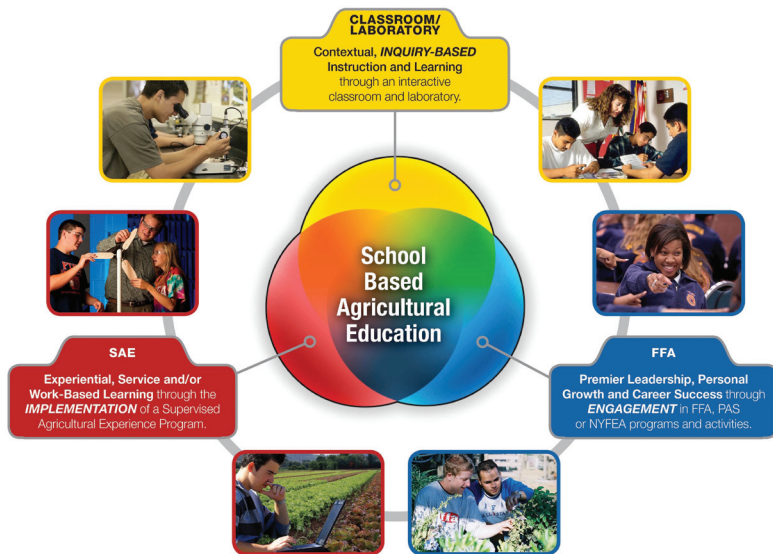


Student Organizations

KHS FFA, Bass Club, TSA and FBLA



NUTMEG CHAPTER



AQUACULTURE SCIENCE



Killingly High School

Ms. Donna Grant, Career Coordinator
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226 Putnam Pike, Dayville, CT 06241 • www.killinglyschools.org

Updated 1/2020*

Killingly High School

Career Pathway: Aquaculture

Career Cluster: Agricultural Education

To complete the **Aquaculture Career Pathway**, students must complete all of the required courses within Section 1.

In order to complete the **Advanced Pathway**, students must complete an Independent Study in the Aquaculture Lab OR earn a minimum of 3 credits from the "Additional Courses" Section.

Section 1- Required Courses	Credits Earned at KHS	Credits Earned at UConn
Agricultural Education I	1	
Environmental Science & Aqua II	2	
Aquaculture & Aquaponics	.5	
PGR 1.8 – Job Shadow in Aquaculture	(This requirement will be implemented for all students in the graduating class of 2021 and beyond)	
Section 2- Additional Courses	Credits Earned at KHS	
Independent Study Ag Ed Intern	.5	
Projects in Agricultural Mechanics	.5	
Ecology of Fish and Wildlife	1.5	
Introduction to Environmental Science	1.5	3
Ag Leader	1	
Biotechnology	1	3
Environmental Science AP	1.5	3
Entrepreneurship	.5	
Chemistry AP	1	
Biology AP	1	
Business Management	1	
Business Communication	1	
App Creators	.5	
Intro to Data Science	.5	
Intro to Programming	1	1 (QVCC)
Communications & Speech	.5	
Accounting	1	

Aquaculture Teacher:
Courtney Cardinal, Room 1825
ccardinal@killinglyschools.org, 860-779-6676

AQUACULTURE SCIENCE



Occupations Related to the Aquaculture Career Pathway: Wildlife or Marine Biologist, Aquaculture Manager, Aquarist, Natural Resource Manager, Marine Engineer, Oceanographer, Fish Farmer, Biological Technician, Policy Developer in Water Quality, Marine and Fisheries interests, and many more.



Units Covered: Sustainable Aquaculture and the Environment, Aquaponics, Natural Resource Management, Monitoring Water Quality, The Aquatic Environment, Protecting Water Quality, Fish Health, Feeding and Nutrition

UConn ECE: Aquaculture Science students are given the opportunity to earn three credits to UConn through the Early College Experience program. Students who earn a C or higher in the Introduction to Environmental Science course receive a college transcript from UConn, and these courses have an 87% transfer rate to other colleges.



Professional Clubs & Organizations This Pathway Opens to You: Connecticut Marine Trade Association, CT Bass Nation, Trout Unlimited Nutmeg Chapter, FFA Alumni Association

