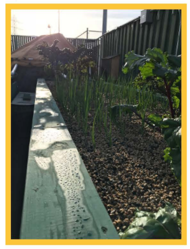
AGRICULTURE OF AQUAPONICS

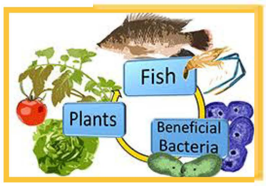
SUSTAINABLE FUTURE



Growing Industry

Fastest growing agricultural industry in the US are indoor urban farms. Great potential for career advancement within the agricultural sector.

Urban Ag Jobs = Money + Rewarding Life



UC A-G Course

CTE / ROP Agriculture of Aquaponics class qualifies as a Laboratory Science course which is covered under section D of the UC A-G requirements.

Prerequisites:

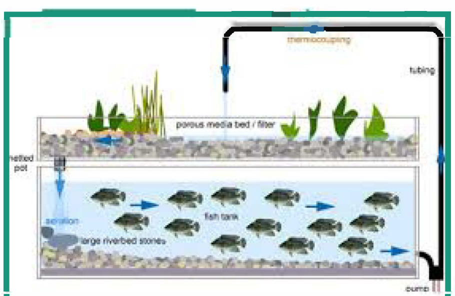
Algebra or higher math course (required)

Biology (required)

Grade Level: 10th, 11th or 12th

SIGN-UP TODAY

See Your Guidance Specialists in the Administration Office

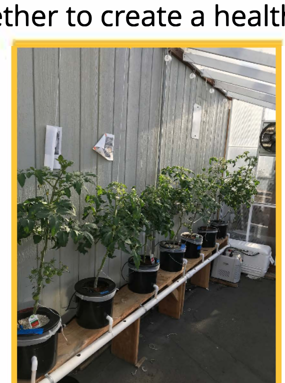


Agriculture of Aquaponics Biology & Sustainable Ag

The Agriculture of Aquaponics is designed to immerse students in a minds-on and hands-on learning experience through biological sciences. Curriculum will support the NGSS science skills and concepts being learned in other science courses. Students will explore biology concepts and processes, and they will have the opportunity to create soil-less organic farms by combining hydroponics with the raising of fish for sustainable purposes. Students will analyze the ecology of small crop plants, as well as aquarium ecosystems and aquaculture. Students will build, maintain, and operate closed aquaponics systems that utilize game fish such as cat- fish, bluegill, and tilapia. In addition, students will engineer and operate their own small farm aquaponics systems. Throughout this course, students will experience first-hand the complexities of food producing systems and how all organisms work together to create a healthy growing environment.

"Learn how to design & engineer a system so you can make your food"

—Mr. Gardiner



Mr. Gardiner

EDISON HIGH SCHOOL
Agriculture of Aquaponics
21400 Magnolia St.
Huntington Beach, CA
ggadiner@hbuhsd.edu
M-T-TH 12:45 pm - 2:34 pm