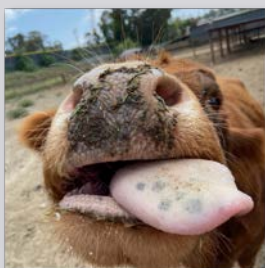


SUSTAINABLE AGRICULTURE BIOLOGY

MISSION VIEJO HIGH SCHOOL

Developing your potential for premier leadership, personal growth and career success through agricultural education. Learn by doing!



COURSE HIGHLIGHTS

- Demonstrations
- Lab experiments
- Career-based competitions
- Hands-on skill development
- Agriculture literacy
- Lifelong friends

COURSE DESCRIPTION

While integrating biological science practices and knowledge into the practice of sustainable agriculture, we will explore the concepts of the taxonomy of plants and nomenclature of animals, cell structure, cellular division, DNA, and chromosomes. Students will apply this knowledge to evaluate desirable, inheritable traits in each species and be introduced to genetic markers, genetically modified organisms, and biotechnology.

This course focuses on the biological classifications of agriculture and the associated industry sectors, what sustainability is and how the scientific method is the driving force behind advancements and developments in sustainable biological practices within agriculture. The class will include hands-on experiences with current production practices in the areas of animal science, horticulture, and natural resources.

This course meets the

D

requirements for admission to UC and CSU

To enroll or learn more about this course, contact your counselor or email Amanda Adams at adamsa@svusd.org or Cherie Shook at shookc@svusd.org.

For more information please visit:

<https://www.svusd.org/schools/high-schools/mission-viejo>

Saddleback Valley
Unified School District



Career Technical Education