

Plant Studies

A Program of Study within the Edmonds School District



This Program of Study is connected to the following field(s):

- Arts and Communications
- Business and Marketing
- Engineering and Technology
- Health and Human Services
- Science and Natural Resources

This Program of Study reinforces the following Academic Skills:

- Reading
- Writing
- Mathematics
- Science
- Visual Arts
- Health/Fitness

Description

The Plant Studies program of study introduces students to the “growing” fields of Horticulture and Floriculture, and provides training in plant care, greenhouse management, and operation of a plant sale business. Students pursuing the Horticulture strand gain basic knowledge and skills in growing and maintaining plants; landscape design and installation; environmental science; and greenhouse and nursery plant production. Students taking the flower shop strand will learn to make professional flower arrangements, corsages, wreaths, bouquets, dish and basket gardens, and attractive store displays.

Program of Study Courses (2.0 credits from the following)

Courses within this Program of Study and the schools where they are available are listed below. Courses with an (ID) designation are Intradistrict Course available to all district Juniors and Seniors. Courses with two or more subject areas listed are Equivalency Courses which can satisfy more than one subject requirement. [For information about Equivalency Courses, click here.](#)

<u>Course(s)</u>	<u>Credits</u>	<u>Subject Area(s)</u>	<u>EW</u>	<u>LH</u>	<u>MD</u>	<u>MT</u>	<u>SL</u>
VOC433 Horticulture (ID-LHS)	1.0	CTE, Art, Science	■	■	■	■	■
VOC301 Horticulture, Advanced (ID-LHS)	1-2	CTE, Art, Science	■	■	■	■	■
VOC431 Flowershop (ID-LHS)	.5	CTE, Art	■	■	■	■	■
VOC441 Flowershop, Advanced (ID-LHS)	1.0	CTE, Art	■	■	■	■	■
VOC424 Biotechnology (ID-LHS)	1.0	CTE, Science	■	■	■	■	■

Post-High School Training Connections

The following courses within this program of study are articulated for college credit with the Horticulture program at Edmonds Community College (EdCC). College credits and courses which may be earned are listed below.

<u>HS Course</u>	<u>Credits</u>	<u>College</u>	<u>College Courses Earned</u>
VOC433 Horticulture (ID-LHS)	10.5	EdCC	Hort102, 103, 192, 196

Occupational Information

The following represent occupations within this field and their average annual earnings and openings based on data from the Washington State Employment Security Department. For more information about these and other occupations within this field, go to www.wois.org.

<u>Occupations</u>	<u>Openings</u>	<u>Earnings</u>
Landscaping and Groundskeeping Workers	1331	\$26,427 yr.
Nursery and Greenhouse Workers	313	\$21,673 yr.
Floral Designers	134	\$27,576 yr.
Managers of Landscaping, Lawn Service, and Groundskeepers	131	\$44,337 yr.
Landscape Architects	72	\$58,807 yr.
Environmental Engineers	58	\$78,592 yr.
Tree Trimmers and Pruners	48	\$33,723 yr.
Environmental Science and Protection Technicians	41	\$50,127 yr.
Foresters	30	\$60,267 yr.
Agricultural Engineers	9	\$66,426 yr.

For more information about this Program of Study, contact the Instructor or your School Counselor or Career Center Specialist