



Kitsap County

WASHINGTON STATE UNIVERSITY
EXTENSION

Kitsap Farm Internship Program Curriculum April - October 2017

Program Introduction

The goal of the Kitsap Farm Internship program is to collectively provide instruction and hands-on learning in small farm agricultural practices while celebrating Kitsap County as a farming community.

Educational Activities:

On-going Activities

- Orientation session with farmer-mentors to develop individual learning plans that will focus attention on the intern's interests.
- Hands-on applied practice on the host-farm including daily participation in all aspects of production, maintenance, and development of farm infrastructure.

Focused Topics Addressed through Multiple Avenues

- Focused instructional days consisting of 1-2 hours of instruction (explanation, discussion, demonstration, reading assignment) and 1-2 hours of application of the topic at the farm where the instruction took place. Interns should plan on keeping the entire day free from 1:00pm - 5:00pm, with some time exceptions. Everyone is expected to attend each session unless they are ill or have an emergency.
- Readings on the weekly topic will provide an in-depth view and may present differing perspectives or approaches.
- Interns are also engaged in diverse practicum activities on a daily basis on their host farm that results in at least 35-40 hour per week learning experience, unless otherwise noted.



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Attendance Expectations for Educational Activities and CEUs:

As a part of the Kitsap Farm Intern Program, each intern earns Continuing Education Units from WSU. Each intern will earn 1 CEU for every 10 hours of educational workshops/activities led by WSU.

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2017 Curriculum Units

Crop Production

- Growing flowers
- Perennial Fruit Crops
- Fall storage crops
- Soil Science

Animal Systems

- Sheep and Fiber
- Working with Draft Horses
- Poultry Processing

Greenhouse Operations

- Season Extension

Body Mechanics

- Body Mechanics, Speed and Efficiency on the Farm
- Efficient Weeding Methods

Farm Business

- Planning for a CSA
- Enterprise & Crop Budgets



2017 Schedule of Topics & Activities

Date	Unit	Topic	Instructor	WSU Staff	Details
Monday April 3 5pm	N/A	N/A	Everyone	Laura & Kellie	This first gathering brings together all farmer mentors and interns together to meet each other, share some food, and learn about the program.
Wednesday April 19 2-5pm	Greenhouse Operations	Season Extension	Brian MacWhorter	Not Available	Class Objectives: Learn about season extension techniques and the greenhouse production of vegetables in the Pacific Northwest. Instructional Focus: Get acquainted with various season extension techniques from simple remay covers to heated greenhouse growing. Discuss the plan when to start seedlings for crop succession in the propagation greenhouse and then how to create the ideal growing environment needed to extent vegetable production for the whole year.
Thursday April 27 10am – 4pm	Crop Production	Soil Science	WSU Led Class Doug Collins @ <i>Twin Vista Ranch, Jefferson County</i>	Kellie	Class Objectives: Learn how to take soil samples, soil types, composition, structure and texture, soil food chain, energy cycling mineralization and immobilization, and nutrient cycling. Bring your farm soil samples.
May 8 2-5pm Potluck afterwards	Animal Systems	Sheep & Fiber	Emily Tzeng @ Betsey's Farm <i>8997 NE Day Rd, Bainbridge Island</i>	Laura	Class Objectives: Learn about raising sheep for meat and fiber on the small farm and other aspects of fiber farming in western Washington. Instructional Focus: Discussion of how to incorporating sheep in your farm plan, the shepherd's year, and special considerations for raising a wool breed. We will also have a demonstration on dyeing fibers with



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					natural dyes and discuss what dye crops are suitable for the northwest. Lastly, we will discuss how the processing chain works in US and how to market locally grown fibers, locally and beyond.
Thursday June 15 1-5pm	Animal Systems	Working with Draft Horses	Betsey Wittick <i>8997 NE Day Rd, Bainbridge Island</i>	Not Available	Class Objectives: Overview of using draft horses on a small-scale vegetable farm and vineyard Instructional Focus: Discussion of why uses horses, caring for and working around horses, implements for small farms, where to get more information and experience. We will demonstrate harnessing the horse and participants will have the opportunity to try driving a single horse as well as operating the handles on a walking cultivator.
Monday June 19 3-5pm	Body Mechanics	Body Mechanics for Farm Work	Lynn Schorn & Betsey Wittick <i>New Motion Physical Therapy 9419 Coppertop Loop NE Bainbridge Island</i>	Kellie	Class Objectives: Instructional Focus:
Monday August 21 3-5pm Pizza afterwards	Animal Systems	Pastured Poultry	Marilyn Holt <i>1146 NE Madison Rd, Poulsbo</i>	Laura	Class Objectives: Learn how to choose and care for the breed of meat chickens with an overview of slaughter and dressing equipment. Instructional Focus: Discussion of anatomy, care and physiology of chickens for evisceration purposes with instruction in poultry processing and disposal of waste.



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<p>Monday August 28 1-5pm</p>	<p>Crop Production</p>	<p>Perennial Fruit Crops</p>	<p>Betsey Wittick & Karen <i>8997 NE Day Rd, Bainbridge Island</i></p>	<p>Laura</p>	<p>Class Objectives: Introduction to growing organic wine grapes, raspberries and strawberries in Western Washington</p> <p>Instructional Focus: Site and Variety selection, propagation and early training, pruning and summer training of established vines, pest problems and organic controls, harvesting parameters. Participants will participate in early summer vine tending tasks. Tasting of locally grown wines to follow the class for those 21 years and older.</p>
<p>Wednesday September 13 8am – 12pm</p>	<p>Crop Production & Farm Efficiency</p>	<p>Growing Flowers & Efficiency on the Farm</p>	<p>Rebecca Slattery <i>9828 NE Midway Ave, Indianola</i></p>	<p>TBD</p>	<p>Class Objectives: Learn how to add cut flowers to a small scale vegetable operation</p> <p>Instructional Focus: Discussion of the cultural demands of growing cut flowers including seeding and planting techniques, growing on, crop rotation, irrigation, harvesting and post-harvest handling. We will also talk about variety selection, seed sources and marketing. When the morning's harvest is complete, the farmer will teach a class in market-style bouquet making. We will introduce color theory and basic principles of floral design.</p>
<p>Monday September 25 2pm-5pm</p>	<p>Crop Production</p>	<p>Soil Science</p>	<p>Brian MacWhorter <i>8862 Lovgreen Rd Bainbridge Island</i></p>	<p>TBD</p>	<p>Class objectives:</p> <p>Instructional Focus:</p>
<p>Monday October 9 1-5pm</p>	<p>Crop Production</p>	<p>Fall storage crops & Planning for a CSA</p>	<p>Dana Steege- Jackson <i>20322 Pugh Rd NE, Poulsbo</i></p>	<p>Laura</p>	<p>Class Objectives: Learn about what crops work well for fall/winter/early spring sales, how to grow them, and learn about the option of a winter CSA as an outlet.</p>



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					Instructional Focus: We will discuss the planting calendar and successions for the fall/winter/spring. We will talk about storage versus fresh crops and the value of a good mix. We will discuss hoop house versus field plantings. And, we'll talk about our winter CSA and others as examples of an outlet for NW growers.
Monday October 23 2-5pm Graduation potluck afterwards	Farm Business	Enterprise & Crop Budgets Intern Graduation	Everyone @ Bainbridge Vineyards <i>8997 NE Day Rd, Bainbridge Island</i>	Instructor TBD Laura & Kellie	Class Objectives: Learn about how to project future costs and financial returns based on type of crop. Instructional Focus: