Internship Descriptions for the Market Garden (MG)

General Market Garden Internship* - MG
The intern will participate in all aspects of production and harvest in the Market Garden. They will:

- harvest produce for CSA and UC Dining Service
- sow seeds in green house
- transplant in field
- cultivate weeds
- apply and remove row covers
- help control pests
- fertilize and irrigate crops

No previous gardening/farming experience necessary. A minimum of 3 hours per week is required, and should be split between harvest and non-harvest days. More than three hours/week are recommended. Along with field hours, a journal must be kept.

Green House Internship* - MG
The green house intern will learn and take responsibility for the full range of activities in the Market Garden green house. These include:

- preparation of seed flat mix
- sowing seeds
- fertilizing plants
- pest and weed control
- crop planning
- growing crops in the green house
- irrigation

Six hours/week are required, either in two 3-hour days, or three 2-hour days. This will provide enough hours for two internship units. Previous Student Farm internship experience is preferable, but not required.

Pest Management Internship* - MG
The intern will focus on pest management problems in the Market Garden fields and green house. Duties will include:

- monitoring fields and green house for pests
- maintaining sticky traps in greenhouse for fungus gnat adults
- spraying predatory nematodes in green house
- locating and trapping gophers and squirrels
- implementing strategies to control weeds—hoeing, mulching, flaming
- applying organically approved pesticides, if needed

Training will be provided for all of these activities. A minimum of 3 hours per week is required, and should be split between two days each week. Along with field hours, a journal must be kept. Previous Student Farm internship experience is preferable, but not required.

*Type A Internship - Specific responsibilities that are ongoing regardless of intern/volunteer interest or involvement
**Type B Internship - Specific Student Farm project-based internships that need to be done
**CSA Internship** - MG
The intern will participate in all aspects of the Student Harvest CSA. Duties include:

- harvesting for the CSA
- planting for the CSA
- writing the weekly letter for the CSA
- learning about and helping with the CSA database
- maintaining CSA equipment and supplies
- learning about and helping to plan for the CSA
- learning about and helping with the renewal process

This internship requires at least 3 hours/week, and 6 hours is preferred. The intern must work more than one quarter, an entire year is preferred. A journal is also required. Previous Student Farm internship experience is preferable, but not required.

**Crop Production Internship** - MG
The intern will plan and grow a vegetable crop that will be integrated into Market Garden sales to the CSA, Farmers Market, Coffee House or the UC Davis Dining Services. Activities include:

- crop planning
- land preparation and fertilization
- sowing seed and/or transplanting
- irrigation
- pest management
- harvest
- sales

The intern needs to work 6 hours/week and may need more than one quarter to complete the crop production process. A journal is also required. Students are eligible for this internship after having completed a general internship or equivalent experience.

**Irrigation Internship** - MG
The intern will learn and implement drip, sprinkler, and furrow irrigation techniques in the Market Garden. Activities will include:

- all aspects of setting up and operating a drip irrigation system
- all aspects of setting up and operating a sprinkler irrigation system
- all aspects of setting up and operating a furrow irrigation system
- gaining an understanding of CIMIS evapotranspiration info. and applying it to irrigation
- repair and maintenance of irrigation systems

A minimum of 3 hours/week is required, preferably split over two days during the week. It is usually best to do this internship in the Spring, Summer, or Fall. Previous Student Farm internship experience is preferable, but not required.

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*Type A Internship - Specific responsibilities that are ongoing regardless of intern/volunteer interest or involvement

**Type B Internship - Specific Student Farm project-based internships that need to be done
**Landscape Planning and Maintenance Internship** - MG
The intern will learn how to plant and maintain beneficial insect and edible plant areas for organic farms.
Activities include:

- identifying plants that attract beneficial insects and/or are edible
- propagation and planting of beneficial insect landscape and edible plants
- maintaining established landscape plants: includes pruning, weeding, irrigation, and fertilization

A minimum of 3 hours/week is required. Activities can occur any quarter. Previous Student Farm internship experience is preferable, but not required.

**Weed Identification Handbook Project Internship** - MG
The intern will identify, collect, and label weeds, and incorporate them into a book to be used by Market Garden participants.

Activities include:

- collecting and indentifying weeds at various stages of growth
- preserving weeds for illustration
- creating a book to be used by other students that includes information about weed season, life cycles, growth habit, etc.

This internship requires at least 3 hours/week and can be done one quarter at a time, e.g. “Spring Weeds”, “Fall Weeds”, etc. Previous Student Farm internship experience is preferable, but not required.

**Construction Project Internship** - MG
The intern will help construct equipment needed by the Market Garden to improve vegetable production.

Possible projects include:

- hoop house construction
- tractor implement construction
- packing shed renovation or improvements
- green house renovation or improvements
- trellis construction

The intern will work with the Market Garden Coordinator to plan and implement projects. A minimum of 3 hours/week is required. Most projects can be completed in one quarter. Previous Student Farm internship experience is preferable, but not required.

**Seed Saving Project Internship** - MG
The intern will learn about saving seeds from a variety of vegetables and fruits grown at the Student Farm.

Activities include:

- seed saving planning
- preparations needed to save seed
- gathering seeds from plants
- cleaning seeds
- storing seeds
- introductory plant breeding

This internship requires a minimum of 3 hours/week. Spring, summer and fall are the best quarters to participate. Some seed saving projects may require more than one quarter. Previous Student Farm internship experience is preferable, but not required.

*Type A Internship - Specific responsibilities that are ongoing regardless of intern/volunteer interest or involvement

**Type B Internship - Specific Student Farm project-based internships that need to be done