

**HORT 6090 Research in Horticulture
Application and Proposal Requirements**

Course Description

This course structures an opportunity for students and faculty to develop a research topic, program, or theme in sustainability related to horticultural science, plant health, urban landscapes, or sustainable landscape design and construction, through an appropriate combination of research, readings, examples, seminar discussion, creative work, and lab or workshop activities with expectations for advanced competence in the course work and outcomes. This course is recommended for undergraduate students who intend to pursue graduate studies or for students who are currently pursuing graduate studies. Graduate students will be expected to produce work with a higher level of performance.

Upon successful completion of this course, students will be able to:

- Support and participate in the development and execution of advanced investigations of topics relevant to the pursuit of sustainability in horticultural science and related areas of study.
- Produce specific, appropriate student-generated outcomes that demonstrate an understanding of the topic and areas of emphasis established by the faculty.

Requirements:

- The student must obtain approval for this proposal from the instructor and the Horticulture Program Coordinator prior to registering for HORT 6090. The Horticulture program is not responsible for late registration fees.
- This course may be used as a substitute for a required course in the Horticulture Minor or Certificate programs, but only if the completed proposal is approved by the Horticulture Program Coordinator.
- If HORT 6090 is taken for graduate credit to accompany an undergraduate Horticulture course, the work required for HORT 6090 is in addition to, and is not instead of the work required for the undergraduate Horticulture course that is required for the Minor or Certificate programs.
- If HORT 6090 is taken for graduate credit to accompany an undergraduate Horticulture course, the student must attend all course meetings of the required undergraduate course and complete the work of the required undergraduate course and the work for HORT 6090. The work for HORT 6090 will require a level of performance that is appropriate for graduate level inquiry.
- Projects that are approved for HORT 6090 Research in Horticulture must be completed in the semester of the approved application unless special circumstances arise, for which the collaborating faculty member may designate an Incomplete if the circumstances qualify according to University Rules. In such cases, the DAAP Incomplete Agreement form (available on daap.space) must be submitted to the Horticulture Program Coordinator before the Incomplete is submitted to the registrar.
- Submit this material, signed by the instructor and the student, for approval by the Horticulture Program Coordinator (email digital copy or hard copy in the HORT mailbox in the DAAP main office).

Name: _____

UC M# _____ Email: _____

Preferred phone number for contact: _____

Program (check all that apply): _____ BS Horticulture _____ Minor in Horticulture

and/or Certificate in: _____ Certificate in Horticulture _____ Sustainable Landscape Design

_____ Urban Landscapes _____ Urban Agriculture _____ Green Roofs

Student's Major if not HORT: BS/A _____ or Masters _____

Collaborating Faculty member (print) _____

Number of credits requested: ____ (3 if for substitution for a required course; may not exceed 6 total for Minor or Certificate substitution)

Previous HORT 4090/4091/6090:

1) Undergrad Course Number HORT _____ Year and Term _____ Final Letter Grade _____

Collaborating Faculty member _____

Project Title _____

2) Undergrad Course Number HORT _____ Year and Term _____ Final Letter Grade _____

Collaborating Faculty member _____

Project Title _____

3) Undergrad Course Number HORT _____ Year and Term _____ Final Letter Grade _____

Collaborating Faculty member _____

Project Title _____

4) Undergrad Course Number HORT _____ Year and Term _____ Final Letter Grade _____

Collaborating Faculty member _____

Project Title _____

STUDENT SIGNATURE _____ DATE _____

FACULTY SIGNATURE _____ DATE _____

PROGRAM COORDINATOR SIGNATURE _____ DATE _____

Proposal Requirements**(Complete and attach separately)****HORT 6090 Research in Horticulture****Project Title:****Student Name:****Faculty Collaborator:****Semester/year of the project:**

Project Description: This section should include the details of the project, beginning with an abstract of the research. If a paper is included, how long will it be? If it is a built project, what will it be? Include the items listed by the faculty collaborator to complete the project as you discussed them. For example, a paper might be required to include an executive summary or abstract, graphic depiction and summaries of data, footnotes, photographs and images, references and a bibliography. A built project might be required to submit process and outcome documentation such as photographs, receipts, or other evidence, with a document that summarizes the project and its outcomes. Include a bibliography with your project description with complete citations. Web sources should be fully cited with site owner's name and download date, at a minimum. Students undertaking undergraduate or graduate research may also be required to provide an academic-style poster for submittal to the Office of Undergraduate Research, DAAPworks, or other public outlets for dissemination of the work.

Learning Outcomes: What specific, attainable skills or knowledge will you gain as a result of completing this project? These might be listed as sentences that begin "After completing this project, I will be able to _____," or "After completing this project, I will know _____." Use the Student Learning Outcomes stated in the course description in this application.

Project Schedule: This would indicate the pre-scheduled meetings and action items with the faculty collaborator and other experts, intermediate deadlines, and final deadlines. Any other key dates that are relevant should be indicated, such as site visits, interviews, etc.

Literature Review: This section of the proposal should be an overview and summary of the available literature on the subject or related to the subject. The majority of the resources should be books, journal articles, professional magazine articles, and other credible sources. Web sites should not be the bulk of the reference material. All sources, including web sites, should be cited completely.

Special needs: Students may submit special needs forms with this proposal and to the faculty collaborator, as they are required to do for other courses.

Required Components of the Document

Abstract

Study of Precedents

Literature review

Summary of interviews, visits

Summary of the research subject

Report and recommendations

Bibliography and References

All images should have captions and citations

Signed copies of approved proposal: Faculty member, Student, Student's Advisor