



GREENHOUSE AND EXPERIMENTAL GARDEN INTERNSHIP

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Internship Description

- Assisting with plant care, monitoring environmental condition, plant data collection, and summarization of datasets
- Processing plant samples, and coordinating with greenhouse staff in order to help with any plant care needed

Website

- Assisting and developing in the new greenhouse site
- Providing a new way to access information about research opportunities



Growing Chambers

- Creates the necessary apparatus for seedling to thrive and germinate
- Grow a wide variety of plants in an economical and space efficient platform
- Changes as your needs change or shared with a wide variety of users with different needs

Water Systems

- Works on automated or manual settings
- Set target amounts needed for each unique plant in the space
- Controls the humidity and temperature in each

Reservation System

- Limited on space so spaces need to be requested and approved in order for projects to begin

Poplar Garden

- Phenology checks
- Weekly tracking of leaf emergence



Figure 1: Spring phenology stages.

Future Direction

- New Incoming Research/Projects from students and Organizations

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