

Purdue University
Department of Entomology
Undergraduate Capstone
Project Outline

1) Name of Student:

2) Name of Mentor:

3) Objective:

4) Background:

5) Question or Hypothesis:

6) Approach and Timeline:

7) Materials and Equipment:

8) Expected Outcomes:

9) Rationale & Significance:

Instructions for completing the Capstone Outline form

This form should be completed with input from the capstone mentor. Click inside the appropriate field and type the requested information directly into the box provided. Print the form and return it to Amanda Wilson apendle@purdue.edu by the deadline indicated on the course syllabus.

- 1) **Name of Student:** Please type your name.
- 2) **Name of Mentor:** Please type the name of your mentor.
- 3) **Objective:** Provide a concise statement of the project objective(s).
- 4) **Background:** Provide a brief overview of the project background including a summary of the current state of knowledge in this area. Include at least two key literature citations that provide a rationale for your project, then summarize and incorporate this information into you background paragraph.
- 5) **Question or Hypothesis:** Please state the specific question or hypothesis you will examine.
- 6) **Approach:** Briefly explain the procedures you will use to address the question/hypothesis. What will you measure etc...? Also provide a timeline that explains when the various aspects of the project will be conducted and when the project will be completed
- 7) **Materials and Equipment:** Provide a brief list of the materials and equipment needed to conduct the project.
- 8) **Expected Outcomes:** Please provide a brief statement that identifies what you expect the project to accomplish.
- 9) **Rationale:** Concisely present the rationale behind the proposed project by describing how the project objective(s) are related to a significant scientific challenge

**Make a photocopy of the agreement for your records.
The original will be filed in the Entomology Teaching Office.**