

Project Stages and Timeline

Project Stages

- Stage 1. **Background Investigation:** In addition to background reading what other information should be gathered?
- Stage 2. **Planning and Preparation:** Plan and prepare to gather data, information, or evidence appropriate to answering your question by applying knowledge gained from this course. This might involve a survey, focus groups, interviews or developing a case study.
- Stage 3. **Action, Analysis, Conclusion:** Collect and analyze information and evidence by applying knowledge gained from this course. This might involve the following: tabulate the data, represent it using graphs, compute numerical summaries, find confidence intervals. For case studies, include calculations and any underlying assumptions. Draw conclusions.
- Stage 4. **Response/Dissemination:** Write a report, prepare an oral report and a PowerPoint presentation, and undertake an active response to your findings. This might include recommendations to the class, a letter to the campus newspaper, or a presentation at an undergraduate research conference.

Timeline:

Please discuss your project idea with your instructor.

Week 3 – Submit a one-page (maximum) written proposal for your project idea stating:

- What is the purpose/focus of the project?
- How does the project connect to your own community (on/off campus)?
- What sort of mathematical skills is it likely to require?
- Suggested background reading

Week 4 – Student groups and project topics are finalized

Week 7 – Stage 1 deadline for completion

Week 10 – Stage 2 deadline for completion

Week 12 – Stage 3 deadline for completion

Week 15– Stage 4 deadline for completion