

MATH 292 - The Mathematics Profession

Research Project- A Career in Mathematics or Statistics

Objectives

You will:

- learn about a career or careers in mathematics or statistics that interests you.
- gain experience in research, writing, and presentation preparation.
- gain experience in presenting to a group.

The project

- Choose a career or careers in mathematics or statistics that interests you.
- Research and write a two-to-three page, double-spaced, word-processed paper with bibliography on your choice.
- Email your paper to me no later than November 3rd.
- Prepare a PowerPoint presentation summarizing your findings.
- Email your PowerPoint file to me no later than the day before your presentation.
- Present your findings to the class in a presentation roughly four to five minutes in length.

Content suggestions

Here are some ideas for things you could include in your paper. You don't have to include them all, and should feel free to include others. Ideally, this project should have value to you. Do what you need to do to create that value.

- What coursework would help you prepare for this career?
- What non-coursework experiences would help prepare you for that career?
- Would a second major or a minor be helpful in entering this kind of career?
- What kinds of problems would you work on in this career?
- Where are the jobs, both geographically and with what kinds of companies?
- What starting salary could you expect?
- What kind of advancement opportunities could you expect?
- What kind of additional training might be needed to advance?
- How is the job market in this field?
- Is this the kind of career that would fit into your personal life style or your expected life plan?