

Math 6390 – Bioinformatics
Final Project Proposals
March 19, 2002
Due April 11, 2002

For the final project for the course the students will present some current bioinformatics research found in the literature. The students must do the following

- 1) Find a bioinformatics article from the literature and duplicate the work presented in the article.
- 2) Add some additional piece of research not included in the article. This can be some addition to an exiting algorithm, addition analysis using existing tools or codes derived in class.
- 3) Make a 15-minute presentation on May 2 explaining the background for the article, what the researchers did in the article and what the students have added.
- 4) The groups should meet with me weekly to discuss progress, get help with problems, and let me know what they have planned for the next week. This should be similar to the timeline described in the proposal.
- 5) A short written report (approx 5 pages)

For the project proposals (approximately 1 page)

1. Identify the members in the group.
2. Choose an article (you might want to show this to me before hand to get my input).
3. Describe what the group plans on doing including a week by week timeline of project tasks. Note that this can be modified during the course of the project if a new interesting idea come up or for another good reason.

Grading for the final project will consist of

- 25% project proposal
- 25% sticking to time line and meeting goals set each week in the weekly meetings
- 50% final project presentation and written report.