

FYS 102: Bioinformatics

Short Papers

Write a short 2–3 page paper about a particular problem related to bioinformatics. Your topic may be biological, algorithmic, or a combination. If your topic is biological, your paper should describe why the topic is interesting and discuss current advances toward a solution. If your topic is algorithmic, your paper should address the history and context of the problem, and an interesting algorithm that solves it. There are links on my web site to several general scientific periodicals from which you may begin your search for a topic. You are also more than welcome to discuss your ideas with me or seek help choosing a topic.

You will need to spend a significant amount of time researching the problem until you understand it well. We will be talking more in class about scientific writing in general, and the format of this paper in particular. Your paper must reference at least two peer-reviewed sources; this explicitly eliminates Wikipedia and like sites.

You must have your topic approved by me **before class on September 19**. You should discuss your initial ideas about a topic with me well in advance of that date.

A solid first draft of your first paper is due **in class on October 1**. This draft should contain all the information you expect to include in the final draft.