

Instructions on completing Unit 1 Deliverables

Windows users: download and install Putty (or MobaXterm). Needs to documentation, since it's required in order to do the rest of the exercises.

Discovery Cluster:

- Make directories for genomic sequences – **all assignments, including this one, should be located in the /courses/BIOL3411.202430/students/ directory**, under your username. The directories should be organized and named in a logical way such that someone (yours truly) can readily tell what's what.
- Transfer files from local to remote and vice versa – make a video clearly demonstrating how to transfer a file from your computer to the cluster OR write text that includes screenshots from your computer, walking someone through the process. If video, post to your GitHub. If text, can post either to GitHub or Cluster.
- Download genome sequences: include these files in your assignments on the Cluster.

Good work habits:

- Read article – no documentation needed.
- Track work and troubleshooting – you don't need to itemize every single thing you did, just give the overall goal such as "complete unix tutorial, save session, and transfer to Discovery". Then include any snags you had to troubleshoot. You can leave out things like "I made a typo" but include things such as, "When I tried to use 'wget' I got an error message". Then describe how you resolved it. Just show me that you are applying the same practices to your work in this class as you are/would to a lab course. The documentation can be a .txt file or .pdf placed either on your GitHub site or on Discovery.

Git and GitHub portfolio:

- Sign up for account – documentation already provided by everyone.
- Successfully install Git on your computer – no documentation needed, since you cannot complete the Git exercises without having done this.
- Complete Git_tutorial: Do tutorial and follow instructions found in "GitHub_deliverable.md".
- Read Gitty-up page and complete short assignment: proof of this will be apparent by your having created the README page of your profile on GitHub.

Unix commands:

- Follow instruction on Deliverables. Be sure the file name(s) and placement in your directory on Cluster make sense.

Group work:

- Follow instructions on Deliverables. If you record video, put on your GitHub site. If you use text, you can put on GitHub or Cluster.

- Present results in collaborative repo – the repo content of all members of your group should match.