

CovidCompBio Fundamentals Group – Prof. Eric Wang

TAs:

Chase Kelley
Dan Stribling

Resources:

- Proceed through the edX course [Introduction to Python: Fundamentals](https://www.edx.org/course/introduction-to-python-fundamentals-2):
 - <https://www.edx.org/course/introduction-to-python-fundamentals-2>
- Additional resources for learning the terminal, utilizing HiPerGator, and more can be found in the [#resources](#) channel on Slack.
- After completion of the edX course, begin working through the 'assignments' posted by Eric Wang ([#assignments](#) on Slack) to begin practicing skills with biology tailored exercises.
- We will post resources for specific topics in computational biology (i.e. image analysis and sequencing) at a later date.

Office Hours:

- We are available for office hours to answer any questions about the course, Python, Jupyter, terminal, etc. Office hours will be held on Zoom MWF at 1pm, until further notice. Smaller groups and individual sessions can be set up upon request.
- For additional help, feel free to post questions in Slack, in the channel [#questions-fundamentals](#).

Recommendations:

- We recommend working together in small groups. For help setting these up, please message TAs and they can coordinate small groups for people with similar timelines and skill sets.
- Before reaching out to the TAs with questions, try searching for answers on Google, looking around on Stack Overflow, or asking within your small group. Searching for solutions on your own and teaching each other will greatly improve your skills, and it's something we all do on a daily basis.

Suggested Timelines:

If focused on completing only the Fundamentals course, we suggest completing one module every two weeks:

- Module 1: March 30 - April 10
- Module 2: April 11 - April 24
- Module 3: April 25 - May 1
- Module 4: May 2 - May 15
- Module 5: May 16 - May 29

If trying to complete both Python courses, we suggest completing one module per week:

- Beginner Module 1: March 30 - April 3
- Beginner Module 2: April 4 - April 10
- Beginner Module 3: April 11 - April 17
- Beginner Module 4: April 18 - April 24
- Beginner Module 5: April 25 - May 1
- Fundamentals Module 1: May 2 - May 8
- Fundamentals Module 2: May 9 - May 15
- Fundamentals Module 3: May 16 - May 22
- Fundamentals Module 4: May 23 - May 29
- Fundamentals Module 5: May 30 - June 5