Qiime forum: <https://groups.google.com/forum/#!forum/qiime-forum>

Useful resource for qiime help

Command Line Boot camp:

<http://rik.smith-unna.com/command_line_bootcamp/?id=iidhxqbgmmv831ljof143rf6r>

Interactive tutorial for learning command line basics (Unix commands)

Art of the Command Line: <https://github.com/jlevy/the-art-of-command-line>

Alternative tutorial for command line help (not interactive)

Rosalind: <http://rosalind.info/problems/locations/>

Introduction to Python and Bioinformatics

R for Data Science: <http://r4ds.had.co.nz/index.html>

An R ebook focused on data processing and visualization

Stack Overflow: <http://stackoverflow.com/>

Great resource for getting help with code in any programming language. Provides answers to simple and complex questions. (Everyone on this site is really nice and wants to help people of all levels learn how to code. Our only advice is to search to see if the question you have has already been answered before asking it again. After playing around with programming a bit, you too will be answering other people’s questions!)

MIT Open Courseware: <http://ocw.mit.edu/index.htm>

Provides recorded lectures, lecture notes, problem sets (with answers!), and exams from a wide variety of MIT courses.

Introduction to Biology with a genetics flavor (7.012) provides an overview of genetics, molecular biology, biochemistry, and human biology: <http://ocw.mit.edu/courses/biology/7-012-introduction-to-biology-fall-2004/video-lectures/>

Probabilistic Systems Analysis and Applied Probability (6.041) is an amazing introduction to probability theory; often referred to as the best class at MIT:

<http://ocw.mit.edu/courses/electrical-engineering-and-computer-science/6-041-probabilistic-systems-analysis-and-applied-probability-fall-2010/>

edX: <https://www.edx.org/>

Full courses from MIT, Harvard, Berkeley, University of Texas, and other universities. These courses are designed specifically for online use.

Be sure to check out the MITx class 6.00 which is a very good introduction to Python:

<https://www.edx.org/course/mitx/mitx-6-00x-introduction-computer-science-586>

6.041 is now on edX as well!

Coursera: <https://www.coursera.org/>

Alternative to edX, simpler approach to learning how to code

Khan Academy: <https://www.khanacademy.org/>

Short, easy-to-follow video tutorials on a range of topics. Great for a quick refresher.