

Introduction to Molecular Systems Biotechnology

Introduction to Computational Biology and Bioinformatics (iCB2)

<http://biofold.org/courses/icb2.html>

Fall 2015
November 9-13, 2015
9:30 AM – 12:30 PM

Module Teacher

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Course Program

09/11	Introduction to Linux	Room 25.02.01.25
10/11	Data Science with Python	Room 25.02.01.25
11/11*	Basic Algorithms in Bioinformatics	Room 25.02.01.25
12/11	Biological Data Sources and File Formats	Room 25.02.01.25
13/11	Sequence Alignment	Room 25.02.01.25

Suggested Books

- Bioinformatics Data Skills: Reproducible and Robust Research with Open Source Tools
by Vince Buffalo. O'Reilly.
- Data Science from Scratch
by Joel Grus, O'Reilly.
- Statistical Models: Theory And Practice
by David A. Freedman, Cambridge.

* Lecture on Wednesday November 11 will be given from 1:00 to 5:00 PM