**Computer and Software Requirements for NSCI 20100:**

The lab needs 13 Macs with Matlab (12 for students, one for instructors)

We need all the computers to have the same version of MacOS

It would be most helpful to us if all the computers were the same product (display type, etc.)

The following software must be installed with Administrator privileges:

Apple Remote Desktop (for distributing software)

Matlab

We need the same version of Matlab on all the Macs

Required Matlab Products. Last year we ran into problems because we had only 10 licenses available for some toolboxes. We need at least 12 licenses for each toolbox:

Audio Toolbox

DSP System Toolbox

Image Processing Toolbox

MATLAB

Signal Processing Toolbox

Statistics and Machine Learning Toolbox

[LabJack Exodriver](https://labjack.com/support/software/installers/exodriver) (to run LabJack hardware in the EOG and crayfish labs)

[libusb](https://libusb.info/) (needed by Exodriver; for EOG lab)

[Pylon 5 for MacOS](https://www.baslerweb.com/en/products/software/pylon-macos/) (for the genetics and optogenetics labs)

[ImageJ](https://imagej.nih.gov/ij/download.html) (for the genetics and optogenetics labs)

[FlyCapture SDK](https://www.flir.com/products/flycapture-sdk/) (for genetics and optogenetics labs)

You must move the startupRENAME.m file to ~/Documents/MATLAB/startup.m,