

Numpy, Scipy and Matplotlib

The [Numpy](#), [Scipy](#) and [Matplotlib](#) scientific libraries for Python are always a little tricky to install from source because they have all these dependencies they need to build correctly. Luckily for us, [Samuel John](#) has put together some [Homebrew formulae](#) to make it easier to install these Python libraries.

First, grab the special formulae (which are not part of Homebrew core):

```
$ brew tap samueljohn/python  
$ brew tap brewsci/bio
```

Then, install the `gfortran` dependency which we will need to build the libraries along with `gcc`:

```
$ brew install gcc
```

Then, install `nose`, `pyparsing` and `python-dateutil` dependency which we will need to build the libraries:

```
$ pip install nose pyparsing python-dateutil pep8
```

Finally, you can install Numpy and Scipy with:

```
$ brew install numpy scipy matplotlib
```

(It may take a few minutes to build)