

# ASMS 2026 - short course

## Installation on mac

### FBMN-Stats

1. install miniconda (or any other python distribution):  
<https://docs.conda.io/projects/conda/en/stable/user-guide/install/macos.html>  
Follow the instructions on the web page
2. create a new environment `conda create --name <env-name>`
3. `conda activate <env-name>`
4. `conda install pip`
5. clone: <https://github.com/Functional-Metabolomics-Lab/FBMN-STATS-Webapp#>
6. `cd FBMN-STATS-Webapp`
7. run `pip install -r requirements.txt`
8. install <https://github.com/Wang-Bioinformatics-Lab/GNPSDataPackage>
  - a. run `pip install git+https://github.com/Wang-Bioinformatics-Lab/GNPSDataPackage.git`
9. run `pip install spectrum-utils==0.3.5`
10. run `pip install scikit-bio==0.6.3`
11. run `streamlit run Statistics_for_Metabolomics.py`
12. Stop: `control+c`

### ChemProp2

1. `cd ~`
2. clone <https://github.com/Functional-Metabolomics-Lab/ChemProp-Web-App#>
3. `cd ChemProp-Web-App`
4. `pip install -r requirements.txt`

5. `streamlit run Home.py`