Get Longleaf access (UNC research computing)

The Longleaf cluster is a Linux-based computing system available to researchers at UNC free of charge. In this course we will use Longleaf to run Python code in Jupyter notebooks.

Glossary:

Python: a popular computer language for science, data science, and general use.

Jupyter notebook: an interactive environment that can display notes (markdown), run python code, and display the output of code.
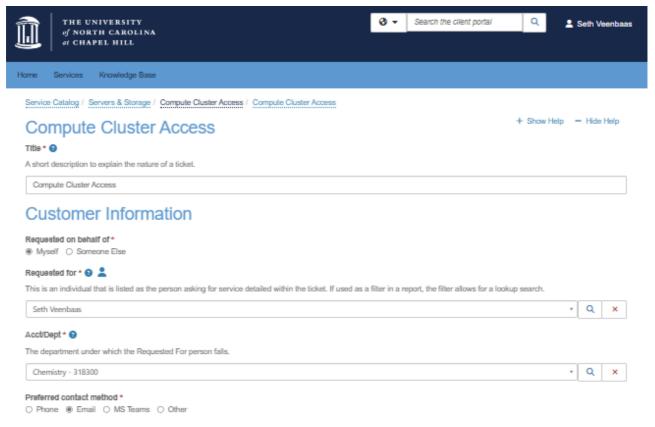
Longleaf: UNC research computing compute cluster. (aka: a super computer accessible to UNC researchers)

Longleaf On Demand: a user-friendly web-portal that provides a graphical interface for apps including Jupyter.

Request a Longleaf account

Request an account by following these steps.

1. Go to help.unc.edu and log in with your onyen.

2. Search for `Compute Cluster Access` in the catalog section of help.unc.edu.

3. Click on `Computer Cluster Access`.

4. Click `Request Access` to complete the service request form and submit. If you are unsure how to answer a field, you can copy the form below:

Preferred contact details *

sethv@live.unc.edu

Additional phone number * 🔵

Phone number where you can be reached while running jobs.

7143860866

Location * 🔵

The physical location (such as a building) that can be selected to indicate where the ticket has occurred. The list of locations is retrieved from the Assets/CIs application.

Caudill Labs

Location Room * 🔵

The room associated with the specific ticket location. The room list is managed on a per location basis within the Assets/CIs application.

Facilities Lab (NMR) 50

Ticket Details

Your preferred shell *

-bash

Faculty sponsor name 🔵

It is to your benefit to provide a faculty sponsor if you have one (e.g., PI of the lab in which you are working). Without a faculty sponsor, your compute jobs may experience degraded priority within the queue.

Marc ter Horst

Faculty sponsor onyen

terhorst

Is this account required for coursework? If so, indicate course number

CHEM 761

Select cluster *

-Longleaf Cluster

Additional Information 🔵

A description of the work you will do:

| Format | - | Font | - | Size | - | A- | B | I | U | S | x₂ | x² | Iₓ |

Run Jupyter notebooks for an intro to Python for sciencists course.

body

Submit

You will be notified by email when your account is ready!