

General HCC Information

<u>HCC Website</u>	hcc.unl.edu
<u>Documentation</u>	go.unl.edu/hcc-docs
<u>Acknowledgement Credit</u>	go.unl.edu/hcc-ack-credit
<u>Priority Access</u>	go.unl.edu/hcc-priority
<u>HCC Status</u>	go.unl.edu/hcc-status
<u>Announcements</u>	go.unl.edu/hcc-news
<u>Support Email</u>	hcc-support@unl.edu
<u>Office Hours</u>	hcc.unl.edu/ooh

HCC Resources and Collaborative Projects

<u>Swan Open OnDemand</u>	swan-ood.unl.edu
<u>Swan SSH</u>	ssh username@swan.unl.edu
<u>Data Storage</u>	go.unl.edu/hcc-data-storage
<u>Data Transfer</u>	go.unl.edu/hcc-data-transfer
<u>Software Install Request</u>	go.unl.edu/hcc-software-request
<u>NRDStor</u>	go.unl.edu/hrdstor
<u>Attic</u>	hcc.unl.edu/attic
<u>Anvil</u>	go.unl.edu/hcc-anvil
<u>Open Science Grid</u>	go.unl.edu/osg-info
<u>National Research Platform</u>	go.unl.edu/nrp-info

Accounts

<u>Create Group (Faculty Only)</u>	go.unl.edu/hcc-group
<u>Create Account</u>	go.unl.edu/new-hcc-account
<u>Change or Add Groups</u>	go.unl.edu/hcc-group-mod
<u>Class Groups</u>	go.unl.edu/hcc-class-group
<u>Password Reset</u>	https://hcc.unl.edu/myhcc/reset

Training and Workshops

<u>Upcoming Events</u>	go.unl.edu/hcc-events
<u>Past Events</u>	go.unl.edu/hcc-past-events
<u>Courses</u>	go.unl.edu/hcc-courses
<u>Job Examples</u>	go.unl.edu/hcc-job-examples
<u>Bash Lesson</u>	go.unl.edu/carpentries-bash

Log Into Swan

SSH to Swan

```
ssh username@swan.unl.edu
```

Load Software

List all available modules

```
module avail
```

List all currently loaded modules

```
module list
```

Search for a specific software and versions

```
module spider software_name
```

Load a software module

```
module load software_name
```

Load a software module at specific version

```
module load software_name/version
```

Unload a software module

```
module unload software_name
```

Unload all software modules

```
module purge
```

Data Management

View quota usage

```
hcc-du
```

View quota usage for specific filesystem

```
hcc-du -t /filesystem -i -g
```

Check directory size

```
ncdu /path/to/directory
```

Edit a text file

```
nano /path/to/file
```

Job Submission

View the current queue

```
squeue
```

View the current queue for your user

```
squeue -u username
```

View status of specific job

```
squeue -j job_id
```

Submit a job file

```
sbatch job_file.submit
```

View job efficiency after completion

```
seff job_id
```

