

# Oscar: R

## Loading and Launching R

1. Once authenticated to Oscar, use the following commands at the command line.
2. Start an interactive job by using the `interact` command. This command can take [additional parameters](#) to extend the resources and time allotted to the node as well as the partition that the node operates on.
3. To load R, use `module load r/4.4.2-re5rjx3`, or another version of your preference (if running Oscar in PuTTY, pasting text is done by right-clicking).
4. Once inside the container's shell, use `R` to launch the R console.

## Installing R packages

1. R packages need to be installed locally.
2. First, load the R version that you want to use the package with: `module load r/4.2.2`.
3. Start R Session `R`.
4. For packages that require code to be compiled, install them in the log in node. Refer to more information [here](#).
5. To reinstall packages, start a new session by:

```
module load r/4.2.2
R
```

6. Then, update packages with `update.packages(checkBuilt=TRUE, ask=FALSE)`.
7. To uninstall packages, start an R session. Then run `remove.packages("wordcloud")` (word cloud can be replaced with string of another package name).

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Revision #3

Created 6 May 2025 16:18:36 by Hanna Cheung

Updated 13 May 2025 18:50:25 by Nate Chinman