

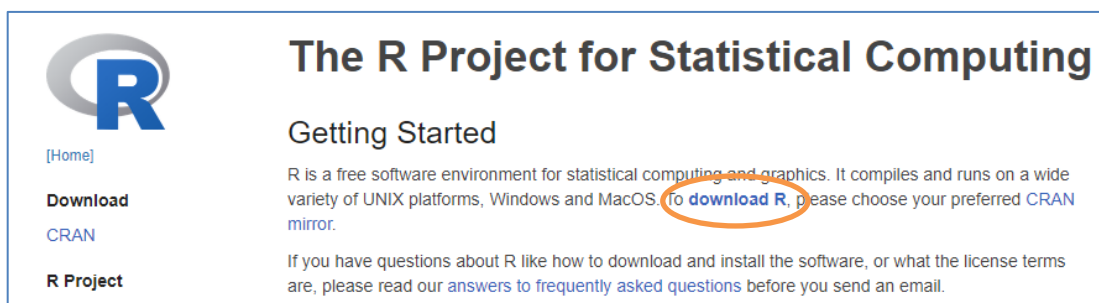
## Installing R and R Studio

**R and R Studio are separate packages – both are FREE. You will need to install R first.** R is the basic package we are using. R Studio is an add-on that makes R easier to use for beginners. I encourage you to install and use both, we will be using R Studio in class.

These instructions should work for Windows and MAC users for installing R and R Studio.

### 1. INSTALLING R:

Go to <http://www.r-project.org/>, and in the “Getting Started” box, click on “download R.”



**The R Project for Statistical Computing**

Getting Started

R is a free software environment for statistical computing and graphics. It compiles and runs on a wide variety of UNIX platforms, Windows and MacOS. (to download R, please choose your preferred CRAN mirror.)

If you have questions about R like how to download and install the software, or what the license terms are, please read our [answers to frequently asked questions](#) before you send an email.

[Home]  
Download  
CRAN  
R Project

Find a site of your choice (try USA, Iowa State for example). Click to go to that site.

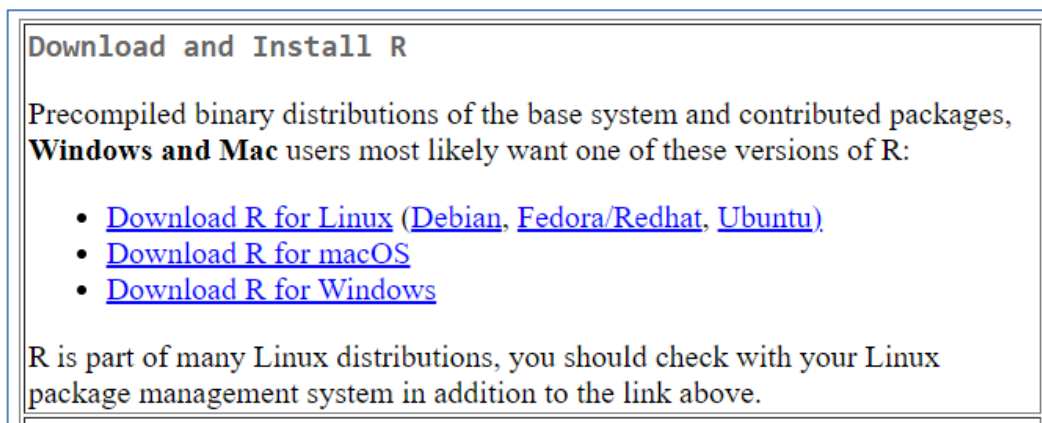


USA

<https://mirror.las.iastate.edu/CRAN/>  
<http://ftp.ussg.iu.edu/CRAN/>  
<https://rweb.crmda.ku.edu/cran/>

Iowa State University, Ames, IA  
Indiana University  
University of Kansas, Lawrence, KS

Click on your operating system (Windows, MAC, Linux) and follow directions.



**Download and Install R**

Precompiled binary distributions of the base system and contributed packages, Windows and Mac users most likely want one of these versions of R:

- [Download R for Linux \(Debian, Fedora/Redhat, Ubuntu\)](#)
- [Download R for macOS](#)
- [Download R for Windows](#)

R is part of many Linux distributions, you should check with your Linux package management system in addition to the link above.

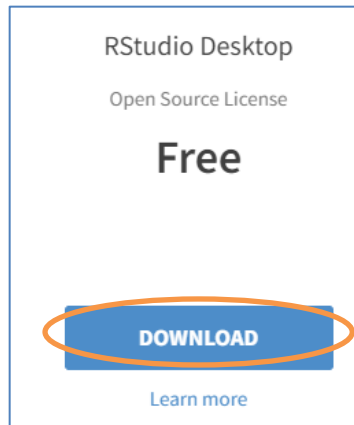
If Windows, click on “base” and then on “[Download R-4.X.X for Windows](#)” (latest version).

You may need to save the file and then click on it to execute it. When the dialog box opens, click “RUN.” A Setup Wizard should appear. Keep clicking “Next” (or change features if you desire), until it is finished. You should now have the R application installed (with a Desktop shortcut if you selected that option).



## 2. INSTALLING R STUDIO:

Go to <https://www.rstudio.com/products/rstudio/download/> and scroll down.



Under “RStudio Desktop” select “DOWNLOAD”



Select the appropriate download file for your machine.

OS	Download
Windows 10/11	 <a href="#">RStudio-2022.07.0-548.exe</a>
macOS 10.15+	 <a href="#">RStudio-2022.07.0-548.dmg</a>

You may need to save the file and then click on it to execute it. When the dialog box opens, click “RUN.” A Setup Wizard should appear. Keep clicking “Next” (or change features if you desire), until it is finished. You should now have the R Studio application installed (with a Desktop shortcut if you selected that option).

You now have R:  and RStudio:  installed.

R will just exist in the background, we will only be opening and using RStudio. Feel free to launch RStudio and familiarize yourself with the interface!