# Time series models for ecologists: course pre-requisites

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In preparation for the course please install the following, preferably in the below suggested order.

Remember you will need to bring your own personal computer for the duration of the course.

#### Step 1

Install the following using the corresponding links

- R: http://www.r-project.org
- Rstudio (optional but recommended): https://www.rstudio.com
- JAGS: http://mcmc-jags.sourceforge.net

### Step 2

Now install the following packages by going into Rstudio (or R) and typing:

#### Step 3

Install rstan by going to this link and following the instructions for your operating system.

#### Step 4

Check that JAGS works by going to a command line terminal and typing jags. If it opens successfully type exit.

Now go into R and copy and paste the following text:

This should produce a plot.

## Troubleshooting

If you run into any problems please drop us a line at andrew.parnell@ucd.ie.