

Setting up MATLAB for mini-DREAM

For the Module 6 and 7 activities, you'll be using a cloud-based environment for the MATLAB programming language. If you wish to download and install MATLAB on your local computer, you'll also have access to a trial license until 8/7/18 (though you might also have free access through your institution's license). Note that **you should not use the local version for the mini-DREAM videoconferences**, as we won't be able to share the necessary files with you in an easy way. However, for setup and install instructions, scroll down to page 3.

MATLAB Online Setup

Start by going to this link:

<https://www.mathworks.com/licensecenter/classroom/SageBio-MLOnline-18/>

You'll need a MathWorks account to access the cloud environment:

1. Log in using the your MathWorks account information. If you don't already have an account, click on the **Create Account** link to create one here. If you already have an account, it is not necessary to create a new one.

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Access MATLAB for your Hands-On Workshop

MathWorks is pleased to provide a special license to you as a course participant to use for your Hands-On Workshop. This is a limited license for the duration of your course and is intended to be used only for course work and not for government, research, commercial, or other organization use.

Course Name:	Introductory Workshop with MATLAB Online
Organization:	Sage Bionetworks
Starting:	01 Jun 2018
Ending:	31 Jul 2018

Sign in to your MathWorks Account

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Create Account

2. After completing the above steps, the “SageBio-MLOnline-2018June” license should be associated with your MathWorks account. To verify this, go to <https://www.mathworks.com/mwaccount/>. You should see the Sage Bio license listed under “My Software.”


My Software

License	Label	Option	Use		
5268495	SageBio-MLOnline-2018June	Individual	Trial	✕	🛒
5147705	Sage Bio - Intro Workshop	Designated Computer	Trial	⬇	✕ 🛒

Once you have the associated license, you may run the online version of MATLAB by going to <https://matlab.mathworks.com/>, and logging in with your MathWorks account. That's it, you're ready to run MATLAB online! You can also use the same link as above and follow the link that says **Access MATLAB Online**:

<https://www.mathworks.com/licensecenter/classroom/SageBio-MLOnline-18/>

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Access MATLAB Online

MATLAB Local Setup

Start by going to this link:

<https://www.mathworks.com/licensecenter/classroom/SageBio-2018/>

You'll need a MathWorks account to download and access the software: Prior to clicking the download link provided by MathWorks, create a MathWorks account by going to <https://www.mathworks.com/mwaccount/register>. If you already have an account, it is not necessary to create a new one.

1. Log in using the your MathWorks account information. If you don't already have an account, click on the **Create Account** link to create one here. You may need to click on the download link again after creating an account.

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Course Name:	Introductory Workshop
Organization:	Sage Bionetworks
Starting:	01 Jun 2018
Ending:	07 Aug 2018

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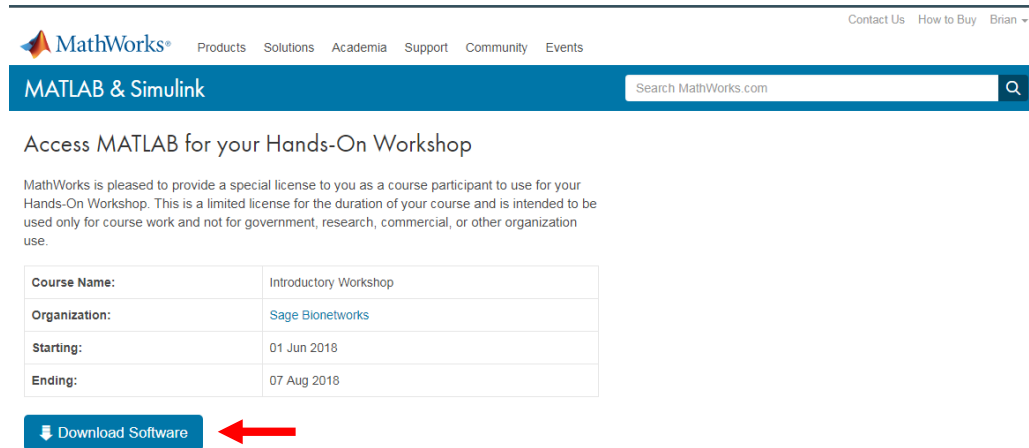
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3. Once logged in, you should see a link to download the software.

****Note, this link can be used to install the MATLAB application on your local computer, however, there is an online version of MATLAB that can be used without downloading. The online version runs MATLAB within your web browser application and avoids having to install it on your computer. This is the recommended option since it is simpler and code will run faster in the online version. It also takes fewer steps to set up.****



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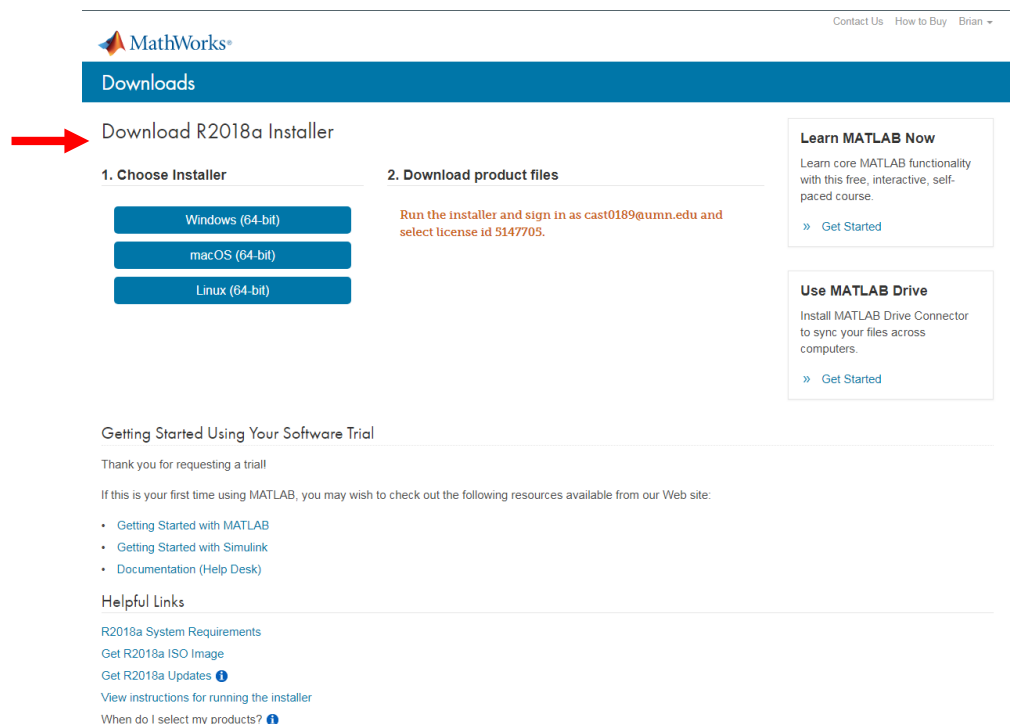
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Course Name:	Introductory Workshop
Organization:	Sage Bionetworks
Starting:	01 Jun 2018
Ending:	07 Aug 2018

[Download Software](#)

4. Choose the Operating System for your computer and click on it to initiate the download.



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Downloads

[Download R2018a Installer](#)

1. Choose Installer

Windows (64-bit)

macOS (64-bit)

Linux (64-bit)

2. Download product files

Run the installer and sign in as cast0189@umn.edu and select license id 5147705.

Learn MATLAB Now

Learn core MATLAB functionality with this free, interactive, self-paced course.

[» Get Started](#)

Use MATLAB Drive

Install MATLAB Drive Connector to sync your files across computers.

[» Get Started](#)

Getting Started Using Your Software Trial

Thank you for requesting a trial!

If this is your first time using MATLAB, you may wish to check out the following resources available from our Web site:

- [Getting Started with MATLAB](#)
- [Getting Started with Simulink](#)
- [Documentation \(Help Desk\)](#)

Helpful Links

[R2018a System Requirements](#)

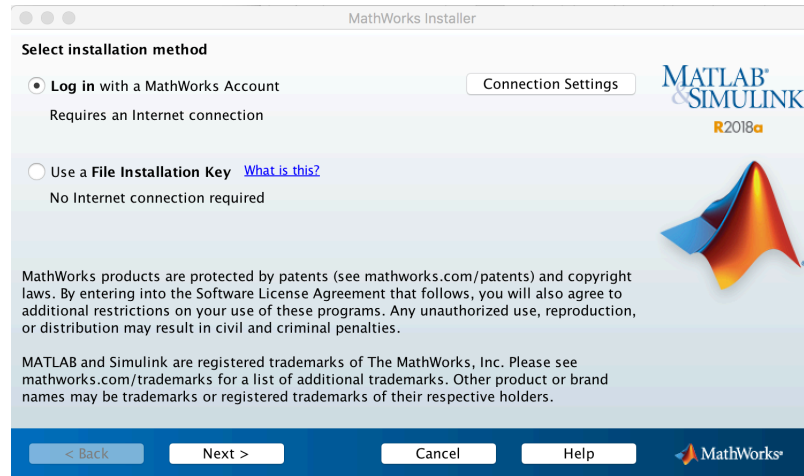
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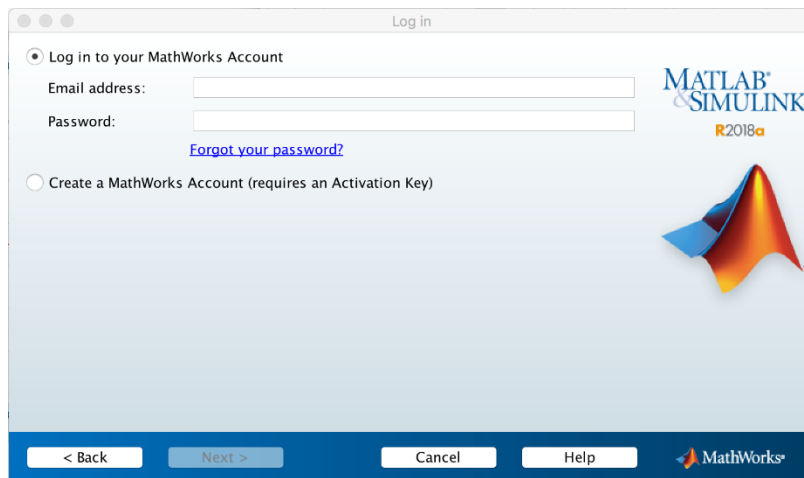
[View instructions for running the installer](#)

[When do I select my products?](#)

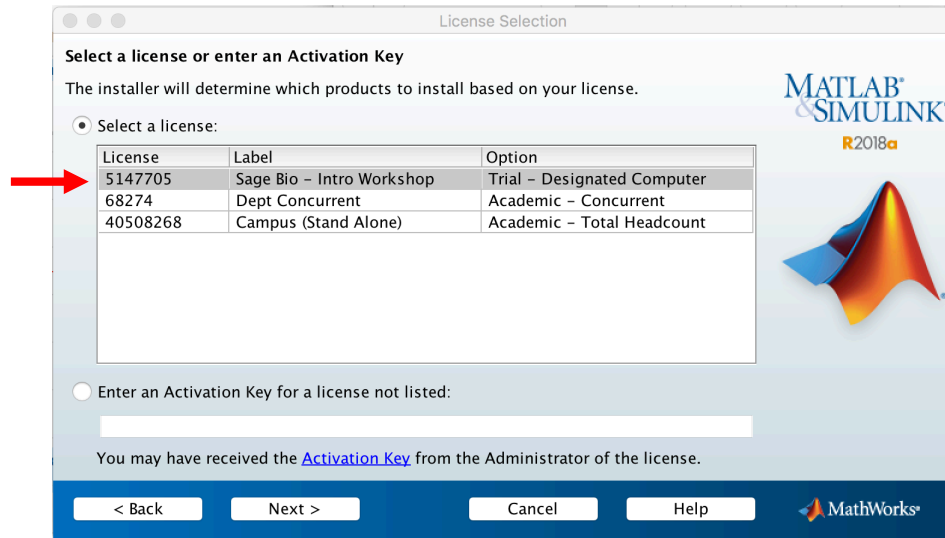
5. Run the installer once it finishes downloading. You may see a screen appear that unzips the downloaded files, this may take several minutes.
6. Once the installer initiates, choose **Log in with MathWorks Account or Install using the Internet** and click **Next**.



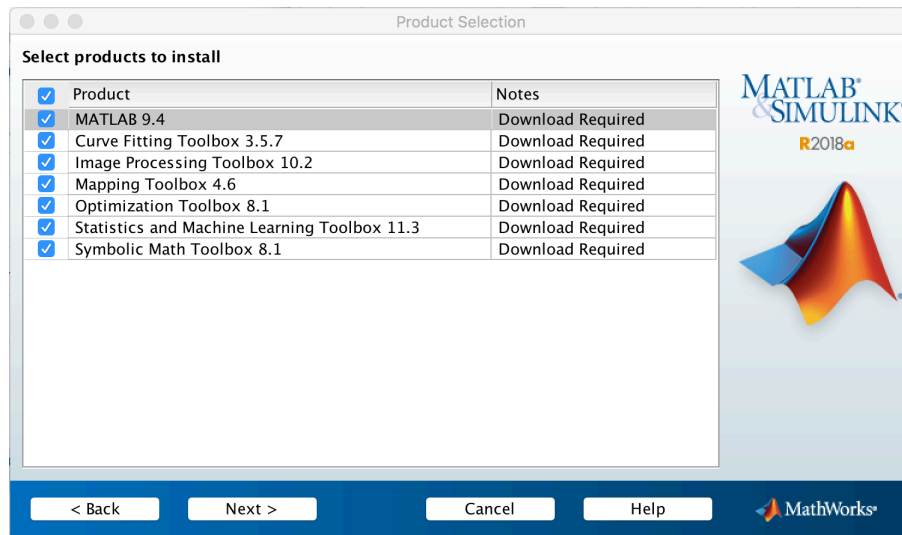
7. Accept the license agreement.
8. Fill in your MathWorks log in information and click **Next**.



9. Select license number **5147705 Sage Bio – Intro Workshop**. If your institute has a MATLAB license you may see other licenses here, but be sure to select the Sage Bio license to ensure that all required toolboxes are installed.

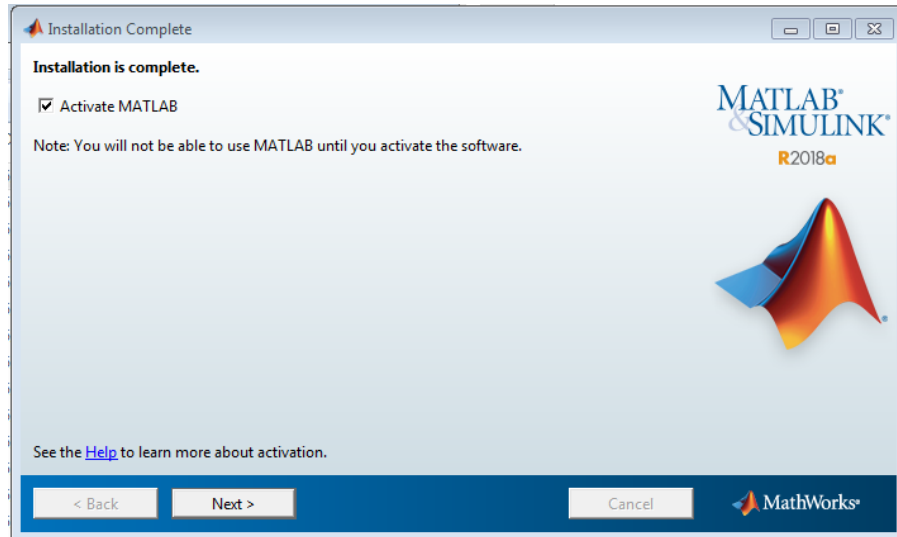


10. Click **Next**.
11. Choose where to install MATLAB and click **Next**.
12. Make sure that all the included toolboxes are selected and click **Next**.



13. On the next screen you may select or deselect any installation options, then click **Next**.
14. Finally, click **Install**.
15. Note, downloading and installing the necessary components may take an hour or more depending on your internet connection and processor speed.

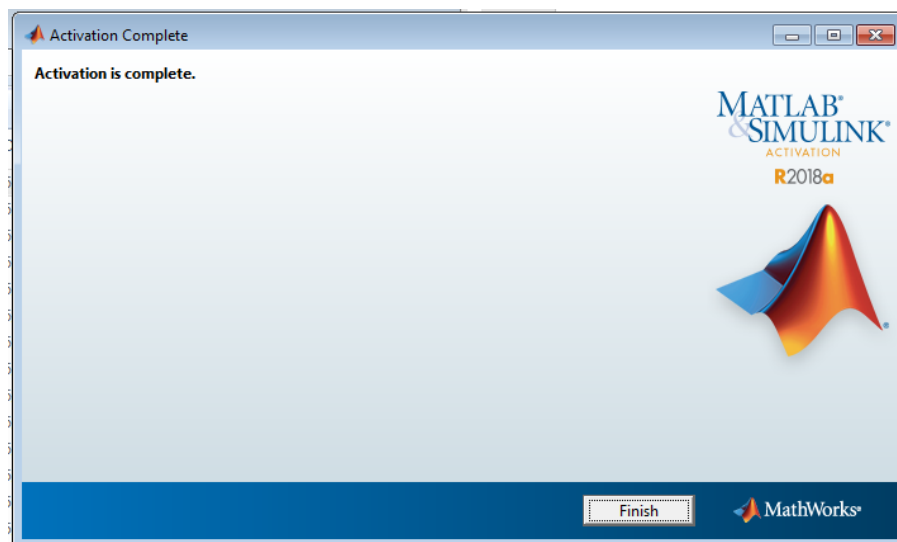
16. Once the installer is finished, select **Activate MATLAB**, click **Next**.



17. Click **Next** again to advance through the activation process.

18. Confirm that the Sage Bio license (5147705) is listed, then click **Confirm**.

19. You should receive a message that “Activation is Complete”, then click **Finish**.



20. You are ready to use MATLAB on your local computer.

****Note, upon startup MATLAB verifies the activated license, therefore you will need an internet connection to run MATLAB on your computer.****