

UM SoE IT – How to Install ArcGIS Pro

Updated February 2024

Installation Procedure

1. Admin Access:

- You should have admin access to the computer you're installing ArcGIS on.
- Note: Students do not have admin access to Public SoE computers. While many should have ArcGIS on them, you can request the software be added to public (all students) or assigned computers (grad students) by contacting the SoE IT Department via a ticket: <https://engineering.olemiss.edu/it-support/>

2. Install Desktop Runtime .NET 6.x.x+:

- Install Windows .NET Desktop Runtime 6.0.0 or above (so long as it's 6.x.x, it will work) from the following website: <https://dotnet.microsoft.com/en-us/download/dotnet/6.0>
- Find the ".NET Desktop Runtime 6.x.x" box and download the Windows x64 installer (see below pic and note before downloading)
- When running the program, if no installation option is shown, Windows Runtime .NET is already installed, so proceed to the next step.
- NOTE:** Microsoft Office has been known to have conflicts with either the x64 or x86 versions, so attempt to use the x64 version first, if not then use the x86 version. **You must be consistent with what version of Microsoft Access Database you install (x64 or x86, next step).**

Download .NET 6.0

Not sure what to download? [See recommended downloads for the latest version of .NET.](#)

6.0.27 Security patch

[Release notes](#) Latest release date February 13, 2024

Build apps - SDK

SDK 6.0.419

OS	Installers	Binaries
Linux	Package manager instructions Arm32 Arm32 Alpine Arm64 Arm64 Alpine x64 x64 Alpine	
macOS	Arm64 x64	Arm64 x64
Windows	Arm64 x64 x86 winget instructions	Arm64 x64 x86
All	dotnet-install scripts	

Included runtimes
.NET Runtime 6.0.27
ASP.NET Core Runtime 6.0.27
.NET Desktop Runtime 6.0.27

Language support
C# 10.0
F# 6.0
Visual Basic 16.9

SDK 6.0.127

OS	Installers	Binaries
Windows	Arm64 x64 x86 winget instructions	

Run apps - Runtime

ASP.NET Core Runtime 6.0.27

The ASP.NET Core Runtime enables you to run existing web/server applications. **On Windows, we recommend installing the Hosting Bundle, which includes the .NET Runtime and IIS support.**

IIS runtime support (ASP.NET Core Module v2)
16.0.24020.27

OS	Installers	Binaries
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macOS		Arm64 x64
Windows	Hosting Bundle x64 x86 winget instructions	Arm64 x64 x86

.NET Desktop Runtime 6.0.27

The .NET Desktop Runtime enables you to run existing Windows desktop applications. **This release includes the .NET Runtime; you do not need to install it separately.**

OS	Installers	Binaries
Windows	Arm64 x64 x86 winget instructions	

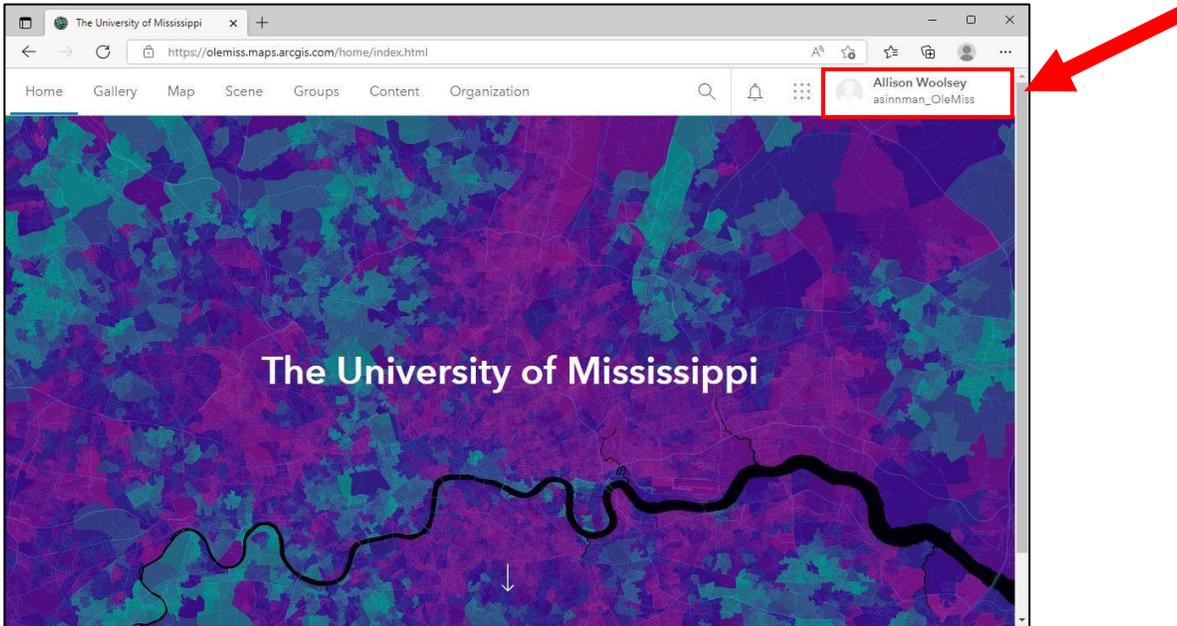
3. Install Microsoft Access Database Engine 2016 Redistributable:

- a. Install Microsoft Access Database Engine 2016 Redistributable from the following website:
<https://www.microsoft.com/en-us/download/details.aspx?id=54920>
- b. Select the language from the website, then select download. Once there, select the “accessdatabaseengine_x64”, then download (see below pic and note before downloading)
- c. **NOTE:** Microsoft Office has been known to have conflicts with either the x64 or x86 versions, so attempt to use the x64 version first, if not then use the x86 version. **You must be consistent with what version of .NET Desktop Runtime you install (x64 or x86, previous step)**

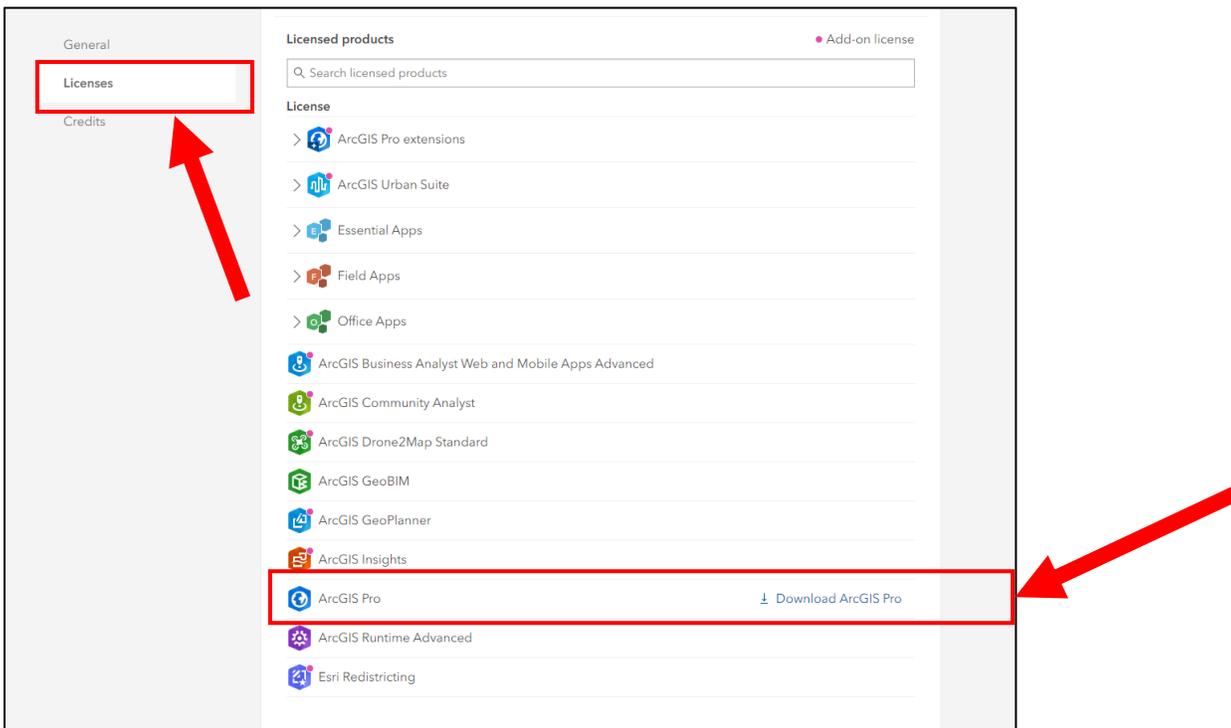


4. Downloading and Installing ArcGIS Pro

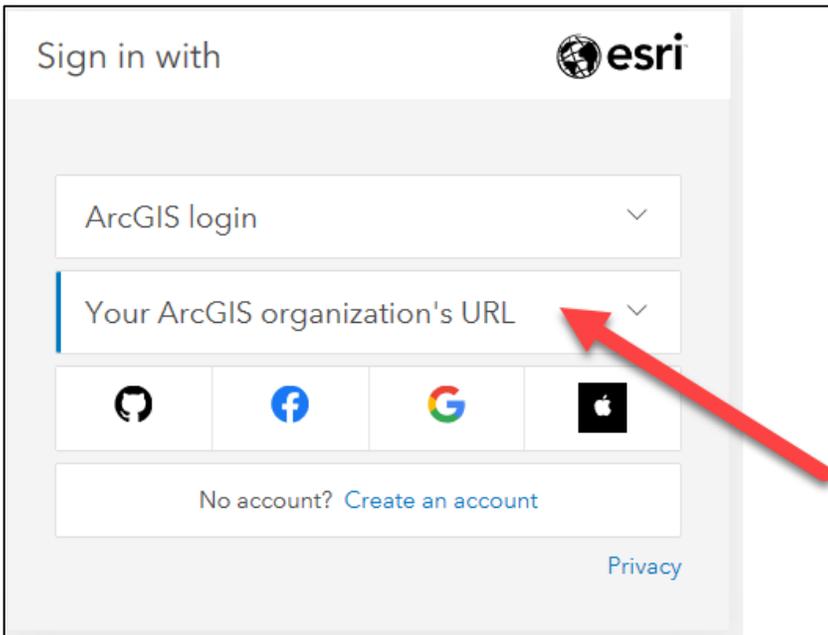
- a. In a browser, go to <https://olemiss.maps.arcgis.com/> and click on The University of Mississippi login option. Login with your Ole Miss WebID.
- b. The home page for the University of Mississippi ArcGIS portal with a background map (example below) should now be visible.



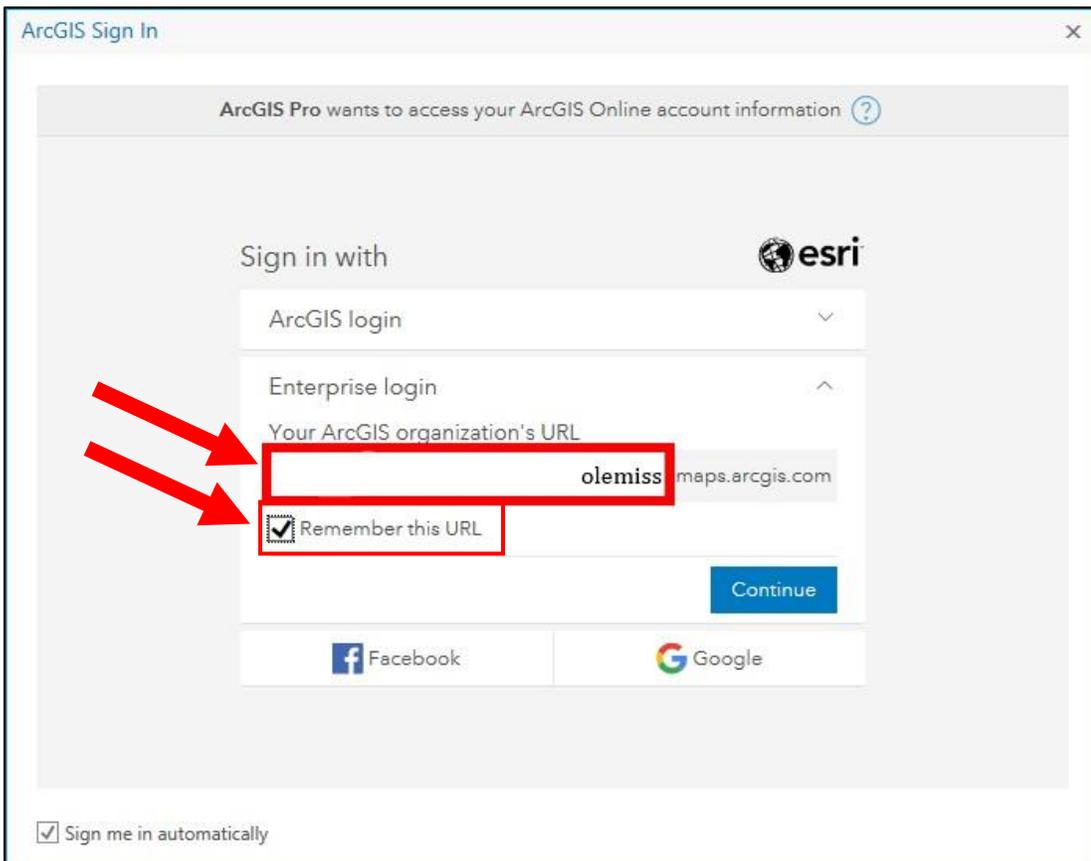
- c. Click on your name in the top right corner and click on My settings > Licenses (left side tab), and scroll down until you see ArcGIS Pro. The download link is on the right (Just use the latest version).



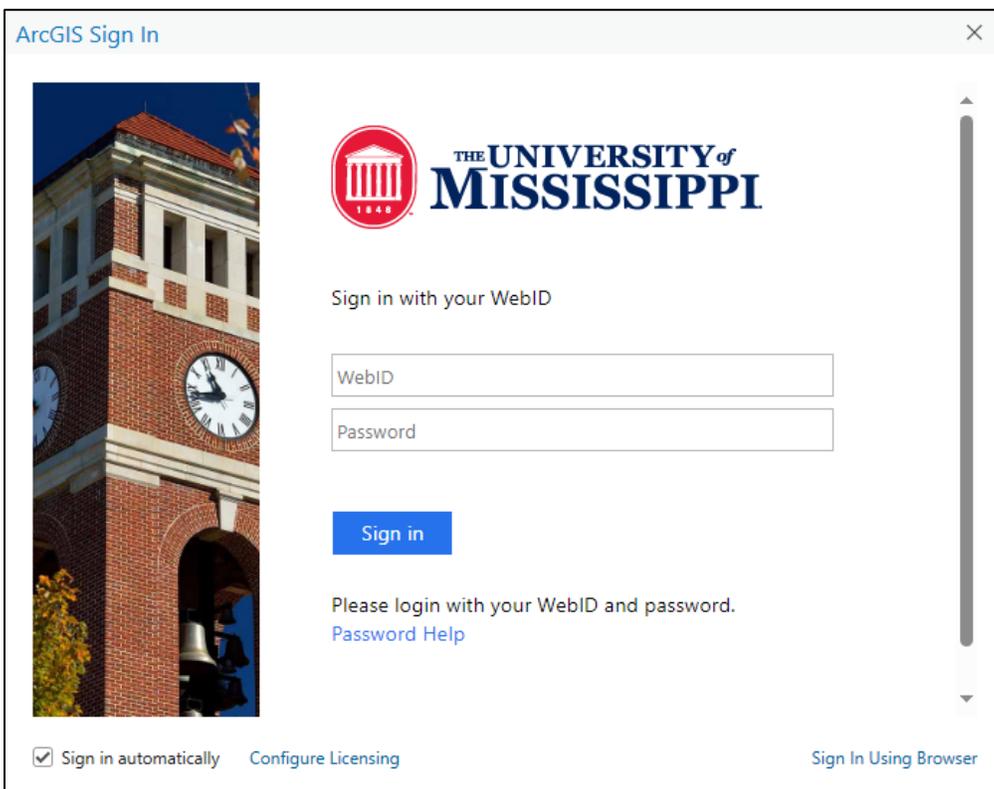
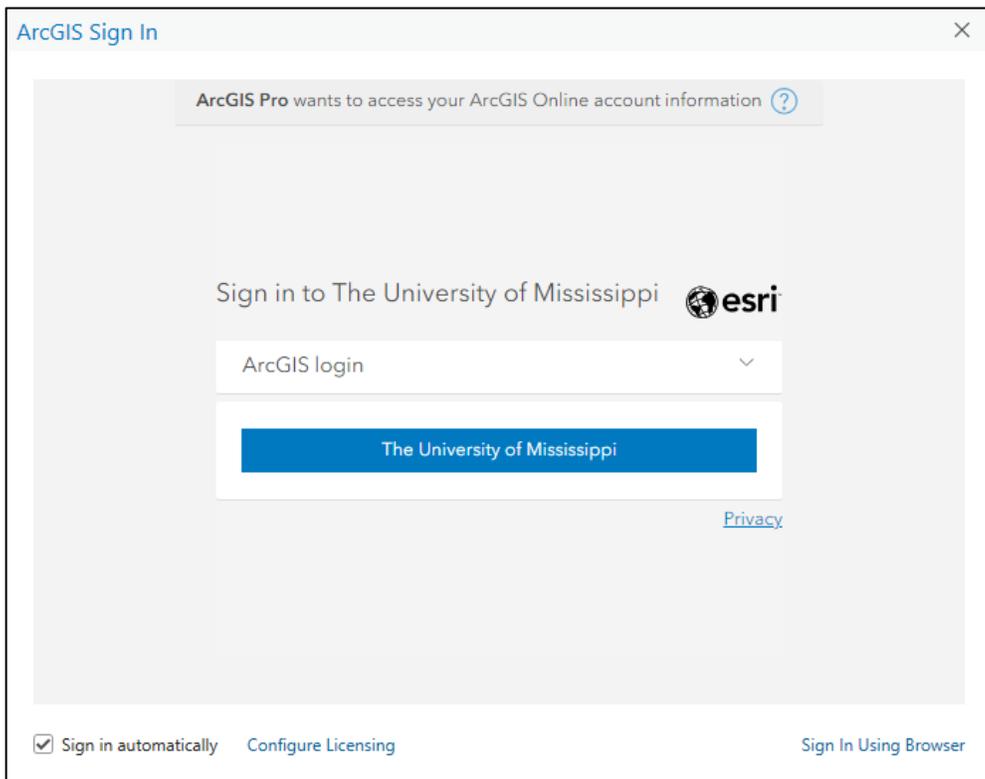
- d. Follow installation instructions and open ArcGIS Pro after it is finished installing. A sign in screen will appear. Click “Your ArcGIS organization’s URL” as indicated below.



- e. In the area indicated below in the red box, type “olemiss” so that the URL reads olemiss.maps.arcgis.com. Check the box for “Remember this URL”, then press continue.

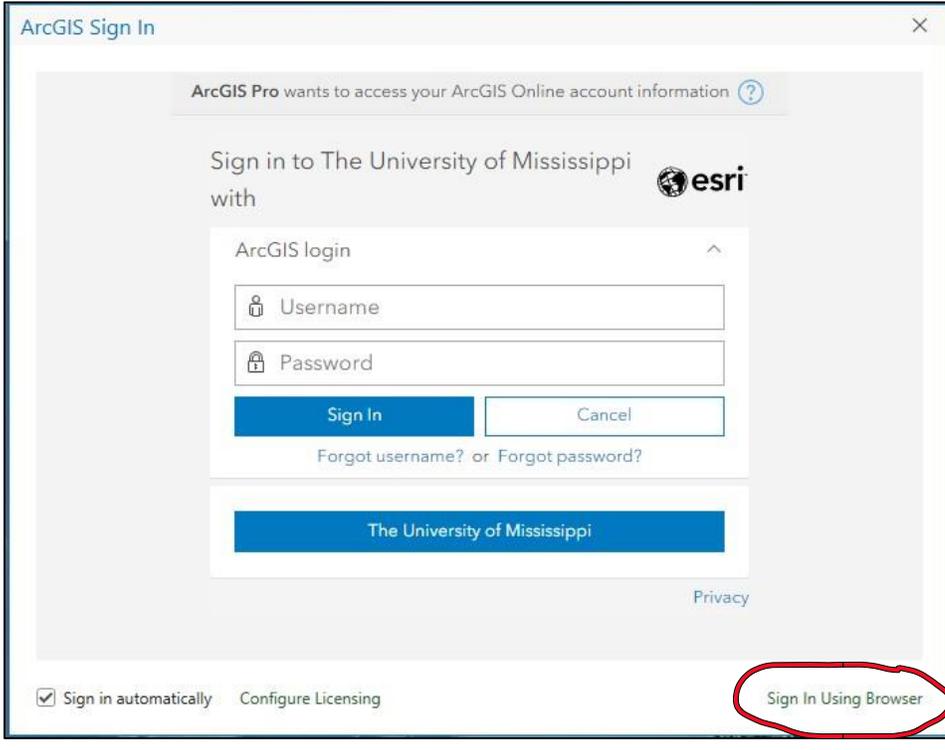


f. Your box should look like the ones below. Press “The University of Mississippi” button and follow all steps

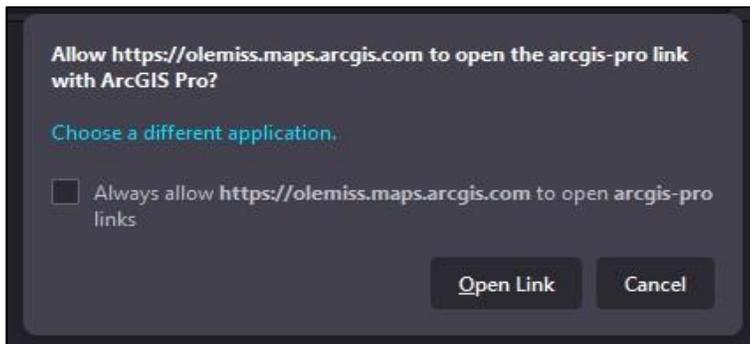


5. Login Issues

- a. If you're having issues logging in, you can login using the "Sign in Using Browser" button as shown below.



- b. Depending on your browser, you may have a permissions pop-up. Click on Open Link for ArcGIS Pro to launch.



6. Troubleshooting Issues After Full Installation

- a. If you're having issues opening Excel documents once ArcGIS is installed, you can access the following link to find some more troubleshooting: <https://support.esri.com/en-us/knowledge-base/problem-issues-accessing-excel-files-in-arcgis-pro-3-0-000027949>
- b. If you're still having issues and would like to request assistance, you can submit a ticket to the SoE IT Department: <https://engineering.olemiss.edu/it-support/>