

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
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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)**

Choose the download you want

☐ File Name

Size

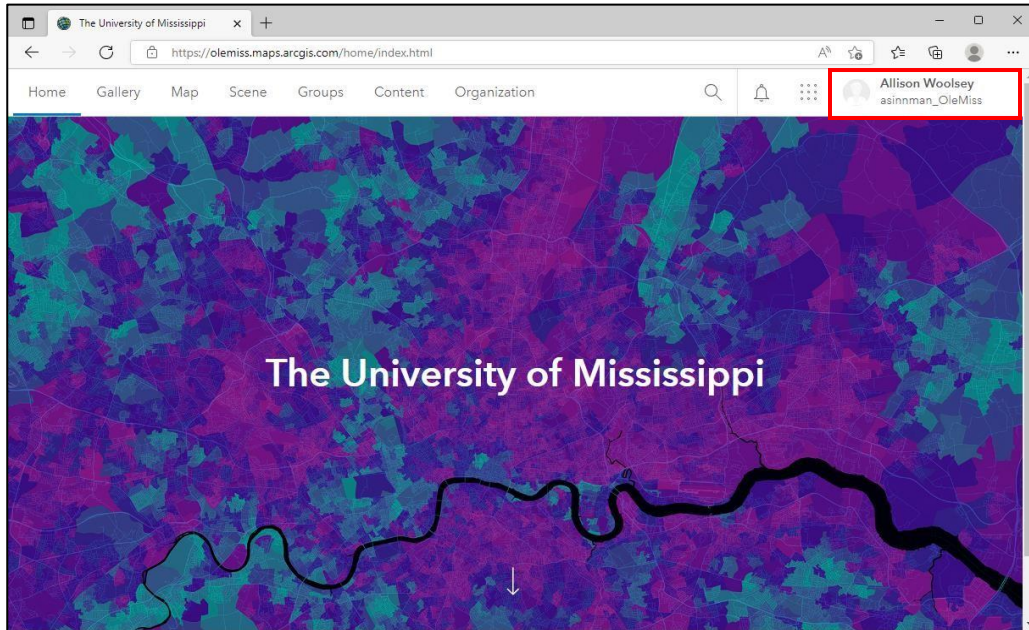
<input checked="" type="checkbox"/> accessdatabaseengine_X64.exe	X64, try 1st	79.5 MB
<input type="checkbox"/> accessdatabaseengine.exe	X86, try 2 nd if x64 fails	77.8 MB
<input type="checkbox"/> EULA Access Database Engine 2016 Redistributable.txt		7.1 KB

Download

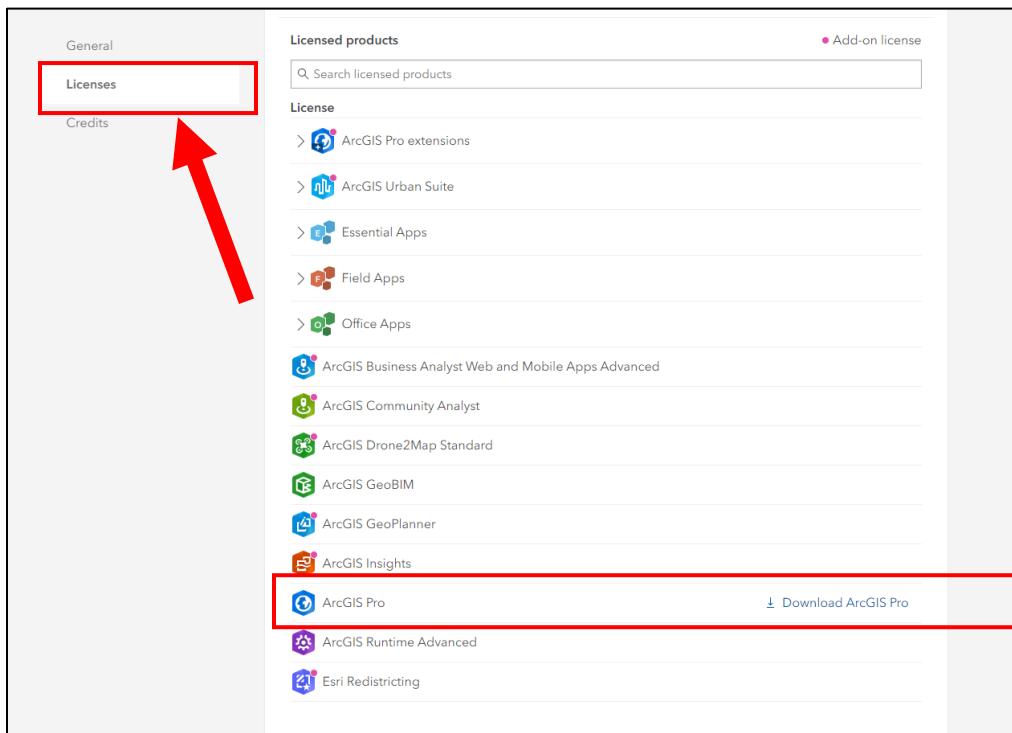
Total size: 79.5 MB

4. Downloading and Installing ArcGIS Pro

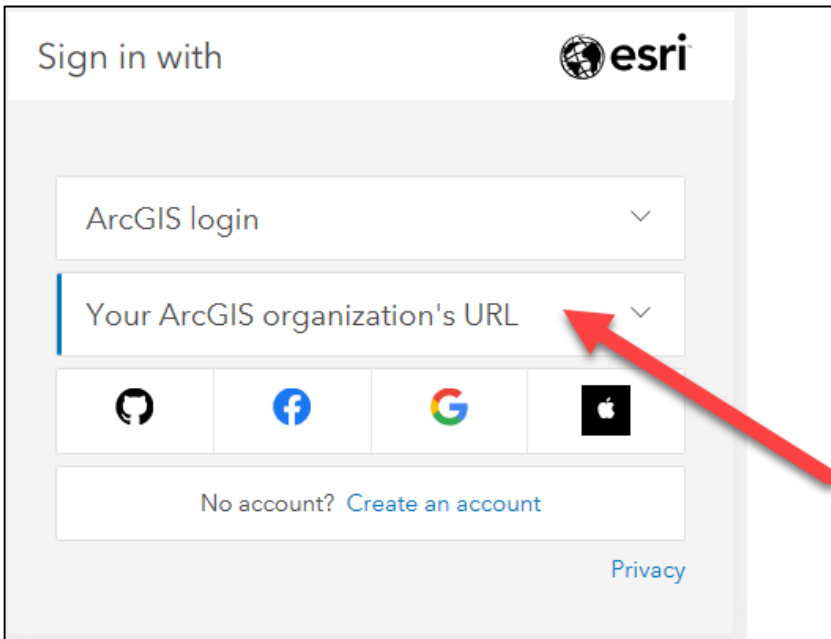
- a. In a browser, go to <https://olemiss.maps.arcgis.com/> and click on The University of Mississippi login option. Login with your Ole Miss WebID.
- b. The home page for the University of Mississippi ArcGIS portal with a background map (example below) should now be visible.



- 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).

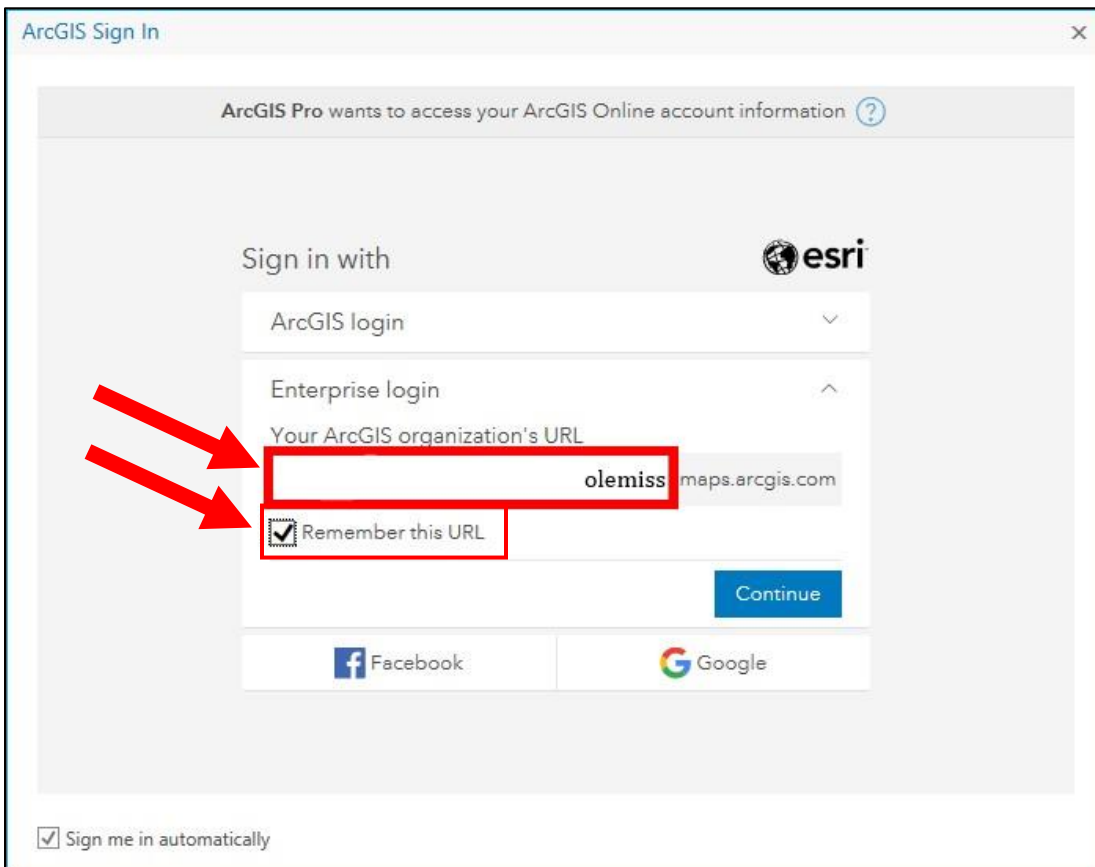


- d. Follow installation instructions and open ArcGIS Pro after it is finished installing. A sign in screen will appear.
Click “Your ArcGIS organization’s URL” as indicated below.



The image shows the ArcGIS Pro sign-in interface. At the top, it says "Sign in with" next to the Esri logo. Below this, there are two dropdown menus. The first is labeled "ArcGIS login" and the second is labeled "Your ArcGIS organization's URL". A red arrow points to the second dropdown menu. Below the dropdowns, there are four social media icons: GitHub, Facebook, Google, and Apple. At the bottom, there is a link that says "No account? Create an account" and a link for "Privacy".

- 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.




The image shows the ArcGIS Pro sign-in interface with a red box around the "Your ArcGIS organization's URL" field and a red box around the "Remember this URL" checkbox. Two red arrows point to the red boxes. The URL field contains the text "olemiss" and the domain "maps.arcgis.com" is visible to the right. The "Remember this URL" checkbox is checked. Below the URL field, there is a "Continue" button. At the bottom, there are links for "Facebook" and "Google". At the very bottom, there is a checkbox labeled "Sign me in automatically".

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

ArcGIS Sign In

ArcGIS Pro wants to access your ArcGIS Online account information ?

Sign in to The University of Mississippi 



ArcGIS login

The University of Mississippi

[Privacy](#)

☒ Sign in automatically [Configure Licensing](#) [Sign In Using Browser](#)

ArcGIS Sign In



THE UNIVERSITY of
MISSISSIPPI

Sign in with your WebID

WebID

Password

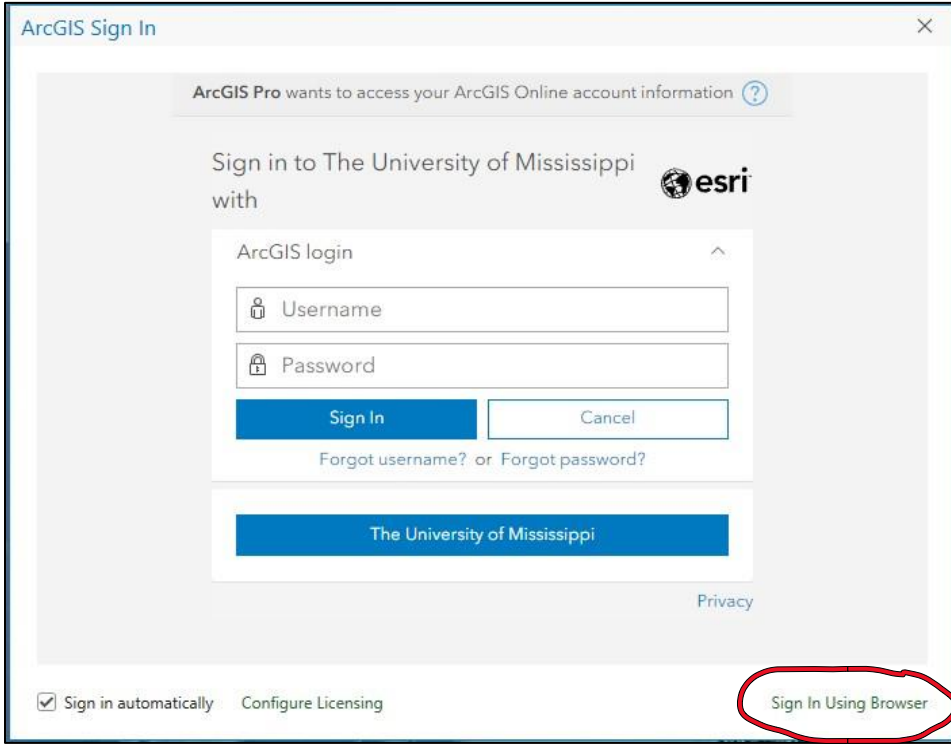
Sign in

Please login with your WebID and password.
[Password Help](#)

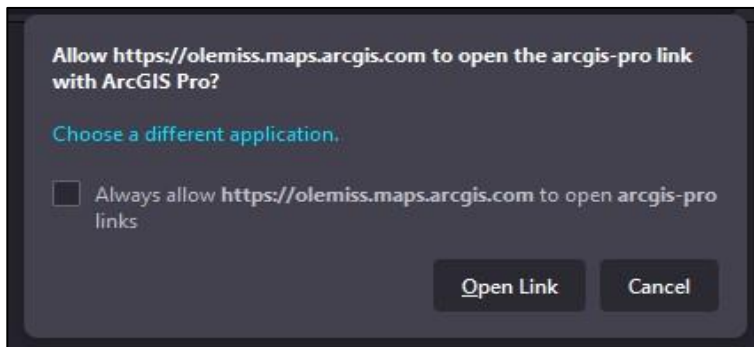
☒ Sign in automatically [Configure Licensing](#) [Sign In Using Browser](#)

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/>