



NUHLIS STEM PYTHON IDLE – Installation Manual

Step 1: Download and Unzip

After downloading the **NUHLIS_STEM_Python_IDLE** file, unzip it to a known folder (e.g., your Desktop or Downloads folder).

Step 2: Install Python (Recommended Version: 3.11)

Visit the appropriate Python download page based on your operating system:

-  **Windows:** <https://www.python.org/downloads/windows/>
-  **macOS:** <https://www.python.org/downloads/macos/>

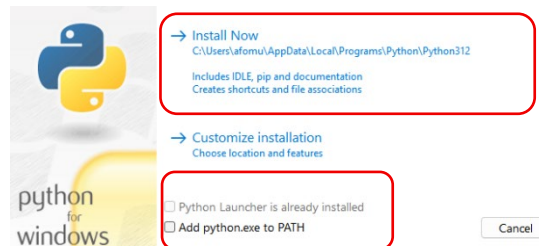
Scroll down to locate the **Python 3.11.x pre-release or stable version** (or the last listed 3.11.x under "Stable Releases").

Choose either **Windows 64-bit or 32-bit installer**, or the **macOS Universal2 installer**, depending on your system.

 **Tip:** Versions from **3.6 to 3.13** work well, but **Python 3.11** is highly recommended.

☒ During installation:

-  Tick **"Add Python to PATH"**
-  Tick **"Install for all users"**
- Then proceed with the installation.



Step 3: Install Required Libraries

Once Python is installed, open your system's terminal:

- **Windows:** Open **Command Prompt**

How to Open the Command Prompt or Terminal

On Windows: Open Command Prompt

1. Press **Windows + S** or click on the **Start Menu**.
2. Type **cmd** or **Command Prompt**.
3. Click on the **Command Prompt** app that appears in the search results.

☒ You should now see a black window where you can type Python or pip commands.

- **macOS: Open Terminal**

- **On macOS: Open Terminal**

1. Press **Command (⌘) + Space** to open **Spotlight Search**.
2. Type **Terminal** and hit **Enter**.
3. Alternatively, go to:
 - **Finder > Applications > Utilities > Terminal**

☒ A white or black window will appear where you can enter Python or pip commands.

Then run the following commands **one by one**:

pip install pygame (or try these **py -m install pygame** | **python -m install pygame** | **python3 -m install pygame**)

pip install matplotlib (same as above here too if this initial command doesn't seem to function directly)

pip install scikit-learn (same as above here too if this initial command doesn't seem to function directly)

 Make sure these commands complete successfully before proceeding.

Step 4: Launch NUHLIS STEM PYTHON IDLE

Navigate to the folder where you unzipped **NUHLIS_STEM_Python_IDLE**.

Locate the application file: **NUHLIS_STEM_Python_IDLE**

 **Double-click** to open the application.

If the system blocks the app because it's from an unidentified developer:

1. Right-click the app or choose info and choose **Open anyways**.
2. Confirm to run it.

The very first time, it will prompt you to install python, but you already did!

☒ **Windows:**

Just unzip the folder and **double-click NUHLIS_STEM_Python_IDLE.exe** to launch the app.

 macOS & Linux:

The .exe file **will not work**. For macOS or Linux, you need to **run the source Python script manually** using Python 3.6–3.11 (recommended).

Need Help?

Use the **User Manual** and **Video Manual** buttons on the toolbar inside the app.

-  A Video Manual – click the “Video Manual” button to watch a quick walkthrough.
-  A Text Manual (PDF) – click the “User Manual” button to read step-by-step instructions.