How to start using Geneious Prime

This guide will let you know how to install a copy in your machine and how to connect to the Geneious server using it.

a. Before starting to use the Geneious, you need to have a permission to use the Geneious software. Send us a request using the Contact US page and selecting the "CAM Account Request (Geneious, IPA)"

Contact Us	
Inquiry Selection *	
CAM Account Request (Geneious, IPA)]
About You	
Name *	
First	Last

b. Once the request has been approved, you need to connect to the UCHC VPN using Pulse Secure:

Server : <u>http://vpn.cam.uchc.edu</u>

Then use your CAM credentials to login to the CAM VPN

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► TEST Disconnected	Type: Policy Secure (UAC) or Connect \$ Name: uconn Heath Server http://vpn.cam.uchc.edu	Connect
geneious_vp Disconnected	Connect Cancel Save	Connect
▼ uconn Heath Disconnected		Connect
Server URL: http	p://vpn.cam.uchc.edu	
uconn vpn Disconnected		Connect
+ - /		

Installing Geneious on a local machine

1. Once connected to install Geneious on a local machine use the following URL: http://geneious.cam.uchc.edu:8080/GeneiousServer/clients.jsp



Download the appropriate version for your local machine

2. Once the download is complete, install the executable file by double clicking. This will start the installation of Geneious Prime.

3. Start the Geneious Prime and this will prompt you to accept the license agreement for the software. Accept the agreement and click ok.

Log in to the Geneious Server

1. Use the following link to browse to the Geneious Home page and click the link to download the Geneious Server bundled plugin file. http://geneious.cam.uchc.edu:8080/GeneiousServer/index.jsp



It will download the "GeneiousServerBundle.gplugin" file to your download folder.

2. Start the Geneious Prime and Click on the Preferences in the Geneious Prime tab, and this will open the Preferences window.



3. Then go to Plugins and Features tab, and click "**install plugin from a gplugin file**" button and select the "**GeneiousServerBundle.gplugin**" and install it.

) 🔴			Preferences					
	General	Plugins and Features	Appearance and Behavior	Keyboard	S NCBI	NCBI Sequencing		
Plugin	s							
Plugins	are downloa	adable modules which ad	d new functionality to Geneious	Prime.				
Availa	ble Plugins:							
	Description	A		Categories				
	Cap3: Performs contig assembly using CAP3			Assembly	Ins	tall Inf	0	
	Classify Se	equences: Classifies or	e or more sequences by	Services and	i Ins	tall Inf	0	
	Colled Col	Is: A protein sequence of	graph for predicting	Protein	Ins	tall Inf	0	
	Complement Or Reverse Only: Provides menu items to			Nucleotide	Ins	tall Inf	0	
	Contig Son	de: A pucleotide seguen	a contrig according to the	araph for predicting CpC Nucleotide Install Info				
					More plue	ains at geneio	us.con	
nstall	ed Plugins:					, <u>,</u>		
Descri	ption 🔺			Categories				
BBDu	k Trimmer	: Provides the BBDuk tri	mmer by Brian Bushnell		Unins	tall Inf	0	
BBMa	p: Provides	the BBMap mapper by B	rian Bushnell available		Unins	tall Inf	0	
BWA :	short read	mapper: Run BWA plug	in		Unins	tall Inf	0	
Bowti	e short rea	d mapper: Run bowtie	plugin		Unins	tall Inf	0	
Gene	ious Servei	r client plugin: Accelera	ates your computing by		Unins	tall Inf	0	
Footur		 Install plugin from Check for plugin i Automatically c Tell me when Also check for 	na gplugin file updates now heck for updates to installed exciting C new plugins beta releases of plugins	l plugins are released				
The se	t of features	available in Geneious Prir 🥜 Customize Featur	ne can be customized to suit yo	our work.				
Reset	t All Prefere	nces		Ар	ply	Cancel	ОК	

Then click apply and OK.

4. Once the Server plugin is installed, you will see the "Geneious Server" icon on the left hand side panel in your Geneious Prime



5. Click on the Geneious Server in the sources section.



6. You will see that you are not currently logged in to Geneious Server. Now click on the "Log in" button.

7. Enter the Host name (geneious.cam.uchc.edu) and your CAM credentials in the Login window

	Log in to Geneious Server			
Host name:	geneious.cam.uchc.edu			
	Use SSL Port: 8080 C			
User Name:	<cam name="" user=""></cam>			
Password:	•••••			
Save password				
Connect on start up				
	Cancel			

Host name : geneious.cam.uchc.edu User Name: <CAM User Name> Password: <CAM Password>

Once its authenticated you will be connected to the Geneious server.