

Wireless at Geneseo

SUNY Geneseo offers wireless network access across campus for your computer and mobile devices. The campus wireless network is based on IEEE 802.11 technology, also called "WiFi." This standard allows us to provide networking to computers over radio frequencies in the unlicensed 2.4 GHz and 5 GHz ranges.

About Wireless at Geneseo

The campus wireless network is an enterprise solution composed of redundant centralized controllers and access points manufactured by [Cisco](#). Nearly all wireless devices commercially available today are compatible with our wireless network. We support 802.11n/ac capable devices only. The 802.11b protocol is very old and providing backwards compatibility decreases the speed and capacity of the entire wireless network.



SUNY Geneseo runs an Enterprise grade wireless network using technology from Cisco Systems. Consumer grade wireless devices which are designed for use on home wireless networks may not work on the campus wireless network.

Personal wireless access points and printers with wireless connectivity actively interfere with the campus wireless network and are forbidden.

Policy: [Guidelines Regarding Use of the 2.4 and 5.2 GHz Radio Frequencies](#)

There are 3 wireless networks available on the SUNY Geneseo campus:

- **eduroam** is the preferred campus wireless network. This wireless network is secure (encrypted), works with almost any client, and is available at college campuses all over the world.
- **Geneseo Guest** is not encrypted and is open to guest users that require basic network connectivity and communications over this wireless network can be overheard by malicious individuals.
- **gPlay** is a wireless network restricted to gaming consoles and other media streaming devices that cannot connect to Enterprise grade wireless networks such as "eduroam".

Connecting your Laptop

The basic steps to connect your laptop to the wireless network are as follows:

1. Use **eduroam**.
 - a. [Encrypted Wireless Network \(Windows 8\)](#)
 - b. [Encrypted Wireless Network \(Windows 10\)](#)
 - c. [Encrypted Wireless Network \(macOS\)](#)
 - d. [Encrypted Wireless Network Chromebook \(Chrome OS\)](#)
2. Accept certificates
3. Set **eduroam** to be your preferred network

Connecting your Mobile Device

Connecting to the campus wireless network saves on data usage and allows faster downloads. We recommend that you connect your device to the eduroam network. Not only is this the most secure way to be online, it also saves your credentials so you don't have to log in every time you access your device.

Detailed Mobile Device Information:

[Mobile Devices at Geneseo](#)

Connecting your Gaming Systems

SUNY Geneseo's wireless network does not fully support game consoles. See the link below for more information.

[Gaming Consoles, Rokus and Apple TVs, TVs and Network Appliances in ResNet](#)

Related Articles

- [Copyright Violations](#)
- [Encrypted Wireless Network \(Android Devices\)](#)
- [Encrypted Wireless Network \(macOS\)](#)

- [Gaming Consoles, Rokus and Apple TVs, TVs and Network Appliances in ResNet](#)
- [Get Connected - Technology Resources for New Students](#)

More Help

For questions, contact the CIT HelpDesk by calling (585) 245-5588, or visiting our [online service desk](#).