

UNIVERSITY OF TENNESSEE | DEPARTMENT OF PLANT SCIENCES

SUSTAINABLE LANDSCAPE DESIGN

Technology Recommendations

While we do not have a specific computer requirement at this time, we feel that the following recommended technology will serve students in our concentration well, both during their time at UTK and beyond. The software we use will be part of students' approach to the design, construction and management of sustainable and resilient landscapes.

Computers should run Microsoft Windows, have at least a 15" screen and be able to run the software that serves as a critical component of contemporary practice in sustainable landscape design.

Typical software used in the SLD concentration include, but are not limited to:

AutoCAD (w/ LandFX plug-in), Adobe Creative Suite (Acrobat, Photoshop, Illustrator, InDesign, etc.), Lumion, Rhino, ArcGIS and Microsoft Office Suite.

An example of sufficient computer specs would include:

- 16GB (or more) of RAM (32 GB if interested in animations or VR)
- Windows 10 64-bit (version 20H2) or newer,
- 1920x1080 minimum screen resolution
- Intel/AMD Processor scoring a single thread CPU Mark of 2,600 or higher (i.e. AMD Ryzen 5 3600, Intel Core i5-8600 or better)
- 1TB available hard disk space
- Fast internal SSD for app installation,
- Separate internal drive for scratch disks,
- 4GB or greater Graphics Card Memory (10GB or greater for animations or VR)

While students are welcome to build out a technology package on their own as a potential cost-savings, curated bundles are available through the VolShop, linked below, and have been vetted by the College of Architecture and Design specifically for their students' needs.

[College of Architecture and Design Technology Packages](#)