Sustainable Design Laptop Requirement Technical Specifications

HARDWARE:

**Recommended hardware:**
Model: Dell Precision 7750 Mobile Workstation (15.6” screen)
Processor: Intel Core Processor i9-10885H (8 Core, 16MB Cache, 2.40 GHz to 5.30 GHz, 45W,vPro)
Graphics Card: NVIDIA Quadro RTX 5000 w/16GB GDDR6
RAM: 16 GB (minimum)
RAM: 32 GB (recommended)
Display: 15.6” FHD, 1920x1080, 60Hz, Anti-Glare, Non-Touch, 100% DCIP3, 500 Nits, WVA, CamMic/WLAN
Storage: 512 GB Solid State Drive (Minimum)

SOFTWARE:

Academic versions at reduced prices are available from the UI Webstore (http://webstore.illinois.edu)
Microsoft Office 2016 or Office 365—includes full versions of Word, Excel and PowerPoint
Adobe Creative Cloud—includes full versions of most Adobe products.

* Laptop is recommended.
** MacBook or any apple computer is not recommended for compatibility with major CAD and Rendering tools.
****Students with MacBook computers will need to acquire Parallels software to access CAD, ArcGIS and other tools.
**** For first year students, if you have regular computers, you can use them for gen ed courses for the 1st year. However, it is advised to purchase a computer that will meet the software and storage requirements of core BSSD courses before sophomore year.