

# 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.