

City and Regional Planning Department Computer Requirements

Minimum Computer Requirements

These are the minimum recommended requirements for successful computing in the CRP Department. A faster processor, higher end video card, and an SSD hard drive will all speed up your computer. 3D graphics and rendering intensive applications will perform better with higher specifications. For your reference we provided links to some of the commonly used software throughout CRP and their computer specifications.

- **Operating System:** Windows 11 (64-bit) or later
- **Processor:** Intel Core Ultra 7, Intel Core i7 (13th or or newer) or AMD Ryzen 7 (7000 series or newer)
- **Storage:** 512GB SSD minimum (1TB SSD recommended)
- **Memory:** 16GB RAM minimum (32 GB recommended)
- **Graphics:** Dedicated GPU recommended (NVIDIA RTX 4050 or equivalent) for GIS, 3D modeling and visualization
- **Windows laptop recommended**, as ArcGIS Pro works only on Windows (as of 2026)

Required List of Software Programs

- Office 365 Applications (Free from Cal Poly Office 365 online account)
- Adobe® Creative Cloud (Discounted for students)
- AutoDesk Education Products (Free from AutoDesk Education) beginning sophomore year
- SketchUp Studio - (Students purchase from Creation Engine) since sophomore year
- ArcGIS (contact Russ White for license) beginning sophomore year
- AutoCAD beginning sophomore year