The School of Architecture at OSU requires all architecture and architecture engineering majors entering 3rd year to purchase and operate a desktop or laptop computer. It is required to have a high-quality screen, wireless capability, and loaded with specific software. The following specifications are the minimum required hardware and software for the 2017-18 academic year.

Please note that certain computer and software developers/vendors offer packages at competitive prices. Compare prices, terms of use, and after-sale services before making any purchase.

### Processor
6th or 7th Generation Intel® Core™ i5 or i7 (i7 is recommended) with at least 2.6 GHz or higher speed. Rhino & Autodesk Revit software products will use multiple cores for many tasks, using up to 16 cores for complex operations.

### Operating System
- Microsoft® Windows® 7 Pro 64-bit:
  - Windows 7 Enterprise, Ultimate, Professional
- Microsoft® Windows® 8.1 64-bit:
  - Enterprise, Pro, or Windows 8.1
- Microsoft® Windows® 10 64-bit:
  - Enterprise, or Pro

### Memory
Tower: A minimum of 1 DIMM 16GB, 2133MHz, DDR4 up to 64GB
Laptop: A minimum 8GB (16GB is recommended), 2400MHz, DDR4

### Display
15" HD (720p) WLED (1,680 x 1,050 with true color DPI Display Setting: 150% or less) or bigger flat panel display.

### Hard Drive
Highest affordable CPU speed rating recommended.

### GRAPHIC CARD
A compatible dedicated graphic card with at least 2GB of video memory. (No less than 2GB to avoid performance problems or even crashing on more recent versions of Windows.)

### Network
Wireless 802.11ac + Bluetooth 4.2

### Accessories
- Optical mouse
- High capacity USB memory stick
- Flatbed scanner (optional)
- CD / DVD Burner (optional)
- External Drive for back-ups
- Color inkjet printer

### Required Softwares
- Microsoft Office* (latest version)
- Autodesk Autocad** (latest version)
- Autodesk Revit (latest version)
- 3ds Max (latest version)
- Rhino (latest version)
- V-Ray for Rhino (latest version)
- Adobe Creative Suite-Design Standard (latest version)

*Currently available at no charge for OSU students and Staff. **May be downloaded at no charge from Autodesk with academic proof. ***Currently available at no charge for OSU students and Staff.