



**University at Buffalo**  
*The State University of New York*

**School of Architecture and Planning Advisement**

School of Architecture and Planning

**SCHOOL OF ARCHITECTURE AND PLANNING COMPUTING + CAMERA REQUIREMENTS**

Due to the data-intensive and graphic-intensive nature of computer-based work undertaken in the School of Architecture and Planning, workstation class desktop and laptop machines are recommended. As such, the following upgrades to the minimum UB requirements are necessary:

1. Processor: no Celeron. 2.0 GHz or greater dual core recommended
2. RAM: 4GB minimum; 6GB recommended.
3. Hard drive: 80GB minimum.
4. Removable storage: DVD+/RW burner and a 4GB (min.) thumb drive.
5. Display: 17" minimum for desktops (larger recommended); 15.4" minimum for laptops (suggested).
6. Graphics card: 256MB minimum video memory; OpenGL compatible graphics card with 256MB video memory highly recommended for Architecture majors.
7. Students should acquire a supply of storage media (external hard drive, cd-r, cd-rw, dvd-r or dvd-rw) for storing and backing up their projects.
8. Architecture majors must also have access to a 7+ megapixel digital camera with 512MB memory (minimum) with a manual exposure control for documenting their work and completing other course assignments.

**Note:** While the University specification provides recommendations for several different computing platforms, due to system integration issues in the School of Architecture and Planning, **we do not currently recommend or support the Macintosh or Linux platforms.**

This does not mean you can't bring and use a Mac, but if any system integration issues arise, you'll need to do your own troubleshooting.

**Suggested Software**

In addition to software required as part of the University computing requirement as detailed at <http://ubit.buffalo.edu/> the following discipline specific software is also suggested:

- Adobe Creative Suite Standard Edition \*or\* Premium Edition

Do not purchase Microsoft Office 2007; all UB students can download Microsoft Office 2007 for \*FREE\* at <http://ubit.buffalo.edu/software/>.

All software is available at special discounted educational pricing through UBMicro, UB's on-campus not-for-profit computer store.

Students at UB are required to have access to a computer-access beyond what is provided in the University's public computing sites and School's labs. While ownership is not strictly required, ninety-eight percent of UB's students owned a computer, and most will find it essential for success in their academic pursuits. Information on the University computing requirement can be found at <http://ubit.buffalo.edu/>.