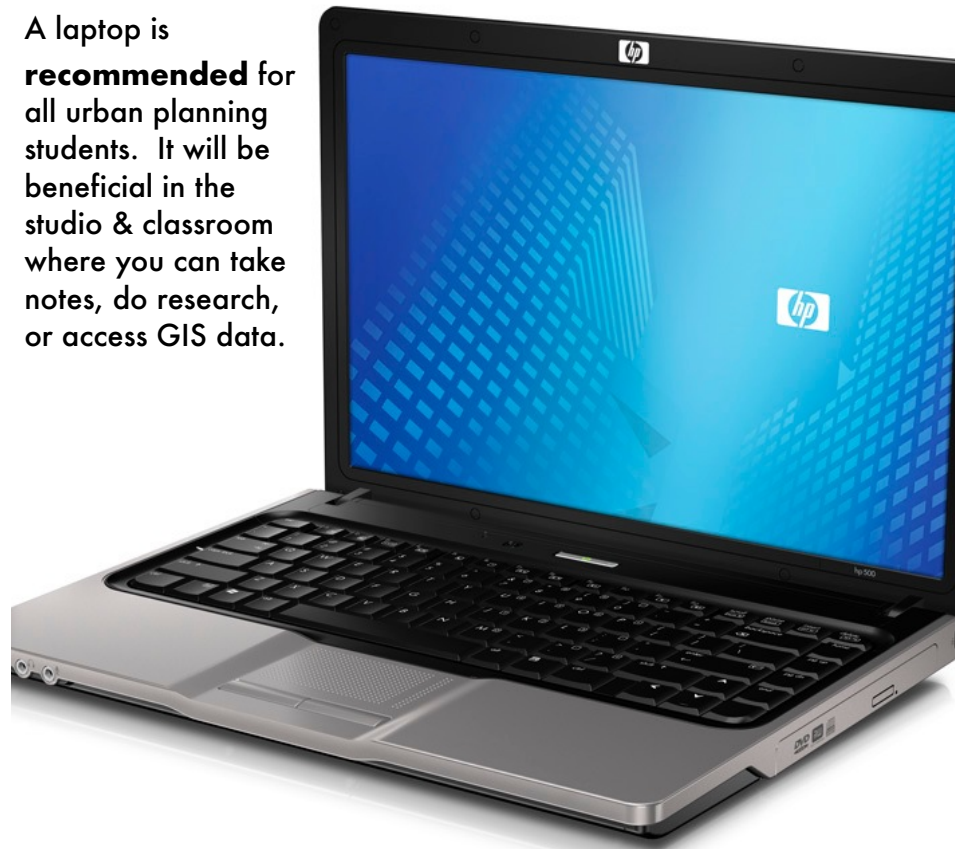


computer recommendations

DEPARTMENT
OF URBAN
PLANNING
BALL STATE
UNIVERSITY

A laptop is **recommended** for all urban planning students. It will be beneficial in the studio & classroom where you can take notes, do research, or access GIS data.



Windows 8 (or higher)

Recommended specifications:

- Processor: 2.2 GHz minimum; Hyper-threading (HHT) or Multi-core recommended
- Operating System: Windows 8 or higher, fully updated with firewall enabled.
- Memory: 2 GB minimum
- Display: At least 15.6 inch (diagonal) LCD panel, 24-bit color depth, 1024x768/96 dpi minimum
- Video/Graphics: 64 MB RAM minimum; 256 MB RAM recommended. NVIDIA, ATI, and Intel chipsets supported.
- 24-bit capable graphics accelerator
- Windows: OpenGL version 2.0 runtime minimum is required, and Shader Model 3.0 or higher is recommended. Be sure to use the latest available drivers.

PCs are recommended over Macs because Apple doesn't support ArcGIS. Macs must have a dual-boot system running Windows in order to run GIS.

- Hard Drive: 500GB or larger. External hard drive of 1TB (or larger) or pocket size USB storage device is also strongly recommended to purchase.
- Backup: DropBox, Box, or similar.
- Input / Output Ports: at least 2 USB 3.0 ports.

computer recommendations for
the school year

2018-2019

- Most current version of Microsoft Office for PC or Mac (Office 365 Pro Plus is now available for [free download for students via webmail](#)).
- [Adobe Creative Cloud](#). Student rates available.
- Antivirus software: Free antivirus software from [Microsoft Security Essentials](#).
- The department will provide you a free copy of ArcGIS in spring semester. If you want the software prior to that studio, email Angie Gibson, GIS specialist at Bracken Library GIS Lab for assistance at asgibson2@bsu.edu.