

## COMPUTING NEEDS: DEPARTMENT OF GEOGRAPHY AND METEOROLOGY

### Degrees offered:

- BA and BS in Geography (concentrations in Human Geography, Travel and Tourism, Geographic Information Science, Meteorological Studies)
- BS in Meteorology and Climatology

### Computing needs:

- PC (preferable) or Mac (with Boot Camp or a similar utility so Windows can also be run on the Mac)
  - Chromebooks are **NOT ADVISED**
- Microsoft Office Suite (Word, Excel, PowerPoint, etc.)
  - Students can download this free of charge
- Internet capability to access and use
  - Canvas learning management system
  - Respondus
- Flash/thumb drives or some other form of external storage

### Computing needs for ArcGIS Pro:

- Operating System: Windows 10 or 11 Home, Pro, and Enterprise (64 bit)
- CPU speed: Minimum: 2 cores, hyperthreaded; Recommended: 4 cores
- Memory/RAM: Minimum: 8 GB; Recommended: 32 GB
- Display properties: 24-bit color depth
- Screen resolution: Minimum: 1024x768; Recommended: 1080p or higher
- Visualization cache: The temporary visualization cache for ArcGIS Pro can consume up to 32 GB of space
- Storage: Minimum: 32 GB of free space

Access to GIS Software is available for student use free of charge through Ball State University's site license