

Computer Requirements

For Graduate Courses in Civil and Environmental Engineering

List of Software:

- Bentley in Hydraulics and Hydrology (Windows ONLY)
- Bentley: STAAD.PRO (Windows ONLY)
- AutoCAD 2015
- MATLAB R2017a
- ArcGIS 10.x (Windows ONLY)

Note: Only AutoCAD and MATLAB (R2014b and later) supports both Windows and MAC versions. The other software can only be installed in Windows or Windows emulator in MAC.

MAC is NOT recommended.

Minimum Requirements:

Windows:

- **Operating System:**
 - Windows 8 or later, and Windows 10 recommended
- **RAM:**
 - 4 GB minimum, and 8 GB recommended
- **Processor:**
 - Any Intel or AMD x86-64 dual-core processor with 2.2 GHz minimum, quad-core processor recommended
- **Hard Disk Space:**
 - 100 GB, and 500 GB recommended
- **Screen Resolution:**
 - 1024 X 768 with true color, and 1680 X 1050 or higher with true color recommended
- **Video/Graphics Adaptor** (for ArcGIS 10.x only):
 - 64 MB RAM minimum, 256 MB RAM or higher recommended. NVIDIA, ATI, and Intel chipsets supported; 24-bit capable graphics accelerator; OpenGL version 2.0 runtime minimum is required, and Shader Model 3.0 or higher is recommended.

MAC OS (for AutoCAD 2015 and MATLAB R2017a only):

- ***Operating System:***
 - Mac OS X v10.11 or later
- ***RAM:***
 - 4 GB, and 8 GB recommended
- ***Processor:***
 - 64-bit Intel CPU, and Intel Core Duo CPU, 2 GHz or faster, recommended
- ***Hard Disk space:***
 - 3 GB
- ***Screen Resolution:***
 - 1280 X 800 display with true color, and 2880 X 1800 with retina display recommended