

Preparing for the Master of Urban Planning programme

The planning studio is a key part of your education in the MUP programme. If you are not familiar with computer drawing and simulation software, do take the time before the term officially starts to pick up the basics. There is plenty of software that planners and architects use, but for the purpose of studio-work, we will primarily use AutoCAD and QGIS.

You can download free educational versions of these software from these links:

1. AutoCAD
<https://www.autodesk.com/education/free-software/autocad>
 - This will require signing up for a student account before you can download the student version
 - You are encouraged to download AutoCad 2019 as it has location tagging function.

2. AutoCad Civil 3D
<https://www.autodesk.com/education/free-software/civil-3d>
 - This will require signing up for a student account before you can download the student version
 - This allows work on contours. Also it acts as a bridging software between core GIS files and Autocad Files.
 - We do not necessarily use this software in the MUP planning studios, but offices in Singapore and European countries are increasingly using it.

3. QGIS v3.4
https://qgis.org/downloads/QGIS-OSGeo4W-3.4.10-1-Setup-x86_64.exe (for windows)
<https://qgis.org/downloads/macOS/QGIS-macOS-3.4.9-1.dmg> (for Mac OS)

You can follow these tutorials to familiarize yourselves with the software.

1. AutoCAD
 - <https://www.udemy.com/autocad-basic/>
 - <https://knowledge.autodesk.com/support/autocad/getting-started/caas/CloudHelp/cloudhelp/2018/ENU/AutoCAD-Core/files/GUID-2AA12FC5-FBB2-4ABE-9024-90D41FEB1AC3-htm.html>
 - <https://academy.archistar.ai/training/courses/18> (login required)

2. QGIS
 - <https://www.qgistutorials.com/en/>
 - https://docs.qgis.org/3.4/en/docs/training_manual/introduction/intro.html