

Pratt School of Information

Technology in the Classroom

Last Updated: January 11, 2024

Software required on all OSX installs:

- Adobe Creative Suite
- Microsoft Office
- Google Chrome
- Mozilla Firefox
- VLC Player
- Zoom with audio sharing extension
- Zotero Desktop
- Zotero Google Chrome Extension
- Sublime text editor
- Brackets

Appendix: [PMC Floorplan](#)

Classroom	Hardware	Software required	Normal Max students	Notes and conditions
Pratt Manhattan Center: 6th Floor				
PMC 602	None - use Laptop to connect to the projector.		10	Currently setup for use for Conservation Lab. Includes 1 cart used for conservation lab. Do not book for classes other than INFO 634 Conservation Lab. Work Benches and stools purchased in December 2022.
PMC 606	Teacher: iMac Student: 20 iMacs	<u>Mac:</u> Visual Studio Code FileZilla	20	One-to-one computer lab. Tables in good condition.

		<p>Github Desktop MySQL Workbench XAMPP 8.0.25 BBEdit Atom Tableau Public Gephi Open Refine R QGIS Mu Python Editor (Python 3 if not already in OSX) Postman Sublime Text Editor Brackets</p>		<p>26X KI Task chairs in good condition; purchased in 2022.</p> <p>iMacs installed in Summer 2022.</p>
PMC 608a	<p><u>Usability Machine</u> - Dell PC - Dual Monitors - Tobii X2-30 Eye Tracker – 30 Hz</p>	<p><u>Windows Usability Station</u> - Tobii Pro Lab Full Edition - Open Broadcast Studio - Reflector 3</p>	4	<p>User Experience Lab. Do not book for classes in general except for INFO 645.</p> <p>Furniture purchased in spring 2022.</p>
PMC 608b	<p>Teacher: iMac</p>		8	<p>Furniture purchased in spring 2022. Computer purchased in summer 2022.</p>
PMC 609	<p>Teacher: Mac Studio (OSX only) Student: 1 Mac Studio (OSX only)</p>	<p><u>Mac</u> - Tableau Public 10.3 (or latest version) - Gephi - Google Topic Modeling Tool - Sketch - Camtasia - Audacity</p>	19	<p>Information Experience Lab.</p> <p>20X lime green chairs and tables in good condition (installed May 2017).</p> <p>Mac Studios installed in Jan. 2024.</p>

<p>PMC 610</p>	<p>Teacher: Mac Mini dual-boot Student: 4 iMacs</p> <p>Other Hardware:</p> <ul style="list-style-type: none"> - Atiz BookDrive Pro - 2 Nikon Supercoolscan 5000 - Nikon Supercoolscan 8000 - Nikon Supercoolscan 9000 - Epson Expression 10000 XL flatbed scanner - Hasselblad Flextight X1 film scanner - 4 Benchmark ADC1 USB - 4 Blackmagic Design UltraStudio 4K - 1 Sony Betamax SL-HF400 VTR - 1 Sony U-Matic VO-9850 VTR - 1 Stanton Turntable - 2 Alesis audio cassette players - 3 VHS players - 1 NTSC video monitor - 1 Sony DHR-1000 - 1 Sony DSR-45 	<p><u>Windows</u></p> <ul style="list-style-type: none"> - BookDrive software for iMac connected to BookDrive <p><u>Mac</u></p> <ul style="list-style-type: none"> - VueScan (for machines connected to Nikon scanners and Espon scanner) - Audacity - Blackmagic Media Express (for machines connected to Blackmagic devices) - Mediainfo - Flextight (for machine connected to Hasselblad scanner) 	<p>15</p>	<p>Archives & Cultural Heritage Lab.</p> <p>Conference table in average condition. 18X office chairs installed in Dec. 2017 in good condition. Additional office chairs installed in Jan. 2022.</p>
<p>PMC 611</p>	<p>Teacher: iMac Student: 5 iMac</p> <p>iMacs replaced in January 2023.</p>	<p><u>Mac:</u></p> <ul style="list-style-type: none"> - Oxygen XML editor - Mediainfo - Exiftool - Handbrake - Audacity - PostgreSQL - PostGIS 	<p>15</p>	<p>General use classroom with 5 student computers.</p> <p>Tables in good condition. 16X KI chairs in good condition (installed 2020).</p>

		<ul style="list-style-type: none"> - Anaconda (Python distribution) - PSequel - QGIS - Carto accounts - Git - Bash - PB Core Cataloging Tool - Mediainfo Command line interface (CLI) - Open Refine 		
PMC 612	<p>Teacher: iMac Student: 15 iMac</p> <p>Computers replaced in 2021.</p>	<p><u>Mac:</u></p> <ul style="list-style-type: none"> - Camtasia - Zotero - Oxygen XML editor - OpenRefine - MarcEdit - QGIS - Git - Anaconda, Python v 3.6 - Reprozip - R - R Studio, Open Source Edition - Gephi - PB Core Cataloging Tool - Mediainfo Command line interface (CLI) - MySQL Workbench 	15	<p>General use classroom with 1-to-1 computers.</p> <p>Tables in good condition. 17X KI chairs in good condition (installed in 2020).</p>
PMC 613	<p>Teacher: iMac Student: 8 iMac</p> <p>Computers replaced in 2022.</p>	<p><u>Mac:</u></p> <ul style="list-style-type: none"> - Camtasia - Zotero - MarcEdit 	23	<p>General use classroom with 8x student computers.</p> <p>Tables in good condition.</p>

		<ul style="list-style-type: none"> - OpenRefine - QGIS - Tableau Public 10.3 (or latest version) - R 		24X KI chairs in good condition (installed 2019).
InfoLounge	<p>Student: 7 iMac</p> <p>Other hardware: Xerox C310 Laser printer</p> <p>Computers replaced in January 2023.</p>	<p><u>Mac:</u></p> <ul style="list-style-type: none"> - Tableau Public 10.3 (or latest version) - Camtasia - Audacity 	n/a	<p>InfoLounge</p> <p>13 new chairs installed in summer 2018; 3 replaced in Dec. 2023 because of staining. Large tables from 2002 in good condition. Round tables installed in 2018 and in good condition.</p>
Pratt Manhattan Center: Shared Spaces				
PMC 201	<p>Teacher: Mac Mini</p> <p>Student: None</p>		111	Large lecture hall
PMC 213	<p>Teacher: MacMini to TV screen</p> <p>Student: None</p>		35	Medium-sized classroom. Low ceiling so only use if not better option. Chairs have built-in desks.
PMC 214	<p>Teacher: MacMini or laptop to Apple AirPlay</p> <p>Student: none</p>		30	Flexible tables and chairs - boardroom style or other configurations.
PMC 505	<p>Teacher: iMac dual-boot</p> <p>Student: 15 iMac dual-boot</p>		15	<p>One-to-one computer lab.</p> <p>Avoid using because of low ceiling height and loud HVAC.</p>
PMC 509	<p>Teacher: Windows</p> <p>Student: 12 Windows</p>		13	

PMC 510	Mac		15	
PMC 514	Windows		11	
PMC 515	Mac		13	
PMC 516	Mac		15	
PMC 517	Mac		15	
PMC 518	Windows		15	One-to-one computer lab.
PMC 702	Teacher: iMac Student: None		14	Has been used for Conservation Lab and Perfumery. Workbenches and sink.
PMC 704	Teacher: iMac Student: 1 Windows machine and Vive AR/VR setup		41	Medium-sized classroom.
PMC 712	Teacher: iMac Student: None		39	Medium-sized classroom.

Software Budgeting/Licensing Information

Package	Pricing information
Camtasia	\$169 per copy

Sketch	Free for educational institutions
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Windows

**For Fall '22 - Have accessible via a Windows remote desktop connection the following for INFO 612 Advanced GIS

ArcGIS Pro 2.8 (the newer product) or ArcGIS Desktop 10.8 (the legacy product). There are also various extension licenses that we'll need to install (they are typically included in site license pricing, but use a separate license key).

- 3D analyst
- Data interoperability
- Network analyst
- Geostatistical analyst
- Spatial analyst