TULANE SCHOOL OF ARCHITECTURE

IMPORTANT

Please note that software requirements change progressively depending on which semester you are attending. Since the software requirements are not as intense the first year, if your laptop was adequate to perform your work, it will be appropriate for use the first year at Tulane. Please refer to the **"Computer Requirements Table**" attached to this document.

Also attached are some Education prices for current Apple models available from the Tulane Technology store.

PC's quality, features and price vary by manufacturer. Please use the requirements table as a guide if you are shopping for a windows based laptop.

Tulane Tech Store Website:

http://tulane.edu/universityservices/tech-products/index.cfm

Any questions should be directed to Victor Garcia vgarcia@tulane.edu

SOFTWARE REQUIREMENTS:

Microsoft Office 365 Free for students
https://ts.tulane.edu/microsoft-office-365

Autodesk software (PC version recommended) Free for students
http://students.autodesk.com

THIRD SEMESTER

Adobe Creative Cloud Student & Teacher Edition (12 month subscription) $240
http://www.adobe.com/creativecloud/buy/students.html

Rhino 5 – $150, Available for purchase at the Tulane Tech Store

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Laptop Computer Specifications for new purchases - PC

Category	Descriptions	Notes
Processor	Intel® Core™ i7 QUAD CORE Processor	6th Generation Intel® Core™ i7 Quad Core Processor (2.4 Ghz or Higher Recommended)
Display	14-16", HD RESOLUTION	14.1, 15.0, 15.4 widescreen, 16, & 17 are all available. 15" or higher is recommended. Color support should be 16 million. HD Resolution (1600x900 or 1920x1080) Recommended for maximum workspace
Memory (RAM)	8GB	8GB Better, 16GB+ Best
Hard Drive	500GB Hard Drive, SSD preferred.	Consider upgrading to a larger Hard Drive for Storage throughout your next 4 years. SSD Drives will offer much better performance
Operating System	Windows 7 Windows 8 or Windows 10	Avoid the "HOME" flavors as it has limits on its networking abilities. "Professional" version recommended.
Hardware Support Services	3 yr Parts + On Site Labor (next business day) + Complete care	This service plan is the minimum requirement since you will be responsible for maintaining and repairing your laptop. TSA does not offer hardware support, however, University Computing Services is an authorized service provider and will facilitate all warranty issues
Graphics Card	1GB + Graphics Card	1GB Better, 2GB Best
Networking	Wireless Network Card	The entire campus is equipped with wireless technology. TSA has Wireless AC Wifi Throughout the building. Note Wireless N Better, Wireless AC Best. (also compatible with earlier generations)
OPTIONAL ITEMS		
External Storage +Backup	1TB GB Hard drive	USB external hardrive of equal or greater size of your laptop drive. USB Flash Drive. 8 GB - 32G available (8G recommended) for easy file transport.
Additional Monitor	21" or higher	There are huge benefits of using an external monitor in addition to your laptop screen. By expanding your work area you can have more tools open at the same time
Carrying Case		Most companies will offer a carrying case with the system, but if not this is a good item to protect your investment.

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Laptop Computer Specifications - MAC

Category	Descriptions	Notes
Processor	Intel® Core™ i7 Dual Core Processor Macbook Pro	Intel® Core™ i7 Dual Core Processor (2.6 Ghz or Higher Recommended) , Quad Core available on 15" Models (latest generation)
Display	15.4" widescreen display 1920x1080 HD resolution	Retina display recommended.
Memory (RAM)	8GB	8GB Better, 16GB Best
Hard Drive	500GB	500GB to 750GB are standard hard drives on Apple's MacBook Pro series Solid State Drives offer Much better performance
Operating System	Mac OSX 10.12 Windows License (additional Purchase)	A copy of Windows 7, 8 or 10 Professional will allow Mac users to use all windows compatible software on their Mac. This option is strongly recommended to Mac users since a few drafting and modeling applications for architects are "PC only." .NOTE Windows License not INCLUDED.
Optical Drive	8x SuperDrive	some newer Mac Book Pro's don't have a DVD drive. It can be purchased separately. Most software can be downloaded but some still require a DVD drive. ---- not required, optional -----
Hardware Support	2-3 year Apple Protection Plan	The AppleCare Protection Plan is available through Apple. TSA does not offer hardware support, However Tulane University Computer Services is an authorized service provider and will facilitate all warranty issues.
Graphics Card	512MB + Graphics Card	512MB Better, 1GB Best
Security Cable	Kensington Security Cable	The TSA computer usage policy requires that your laptop be secured at all times when not in your possession, either with a cable or in a secured desk compartment.
Network	Ethernet, Airport 802.11n or AC	These networking cards and ports are standard on all Apple computers including Mac Book Pro models. Wireless N Included.
Additional Monitor	21" or higher	There are huge benefits of using an external monitor in addition to your laptop screen. By expanding your work area you can have more tools open at the same time
External Storage	1TB+ Ext. Hard Drive, USB Flash Drive	An external drive of equal or greater size as your laptop drive for use as Time Machine Backup. USB Flash Drive 8GB+ for easy transport of files between Machines
Carrying Case		Recommended to protect your investment.