Pharmacy Student Laptop Requirements

Pharm.D students are required to have a laptop computer device for course completion. The MU Tiger Tech program through the MU Bookstore, The Computer Connection in the MSU Bookstore, and the UMKC RooTech program through the UMKC Bookstore offer a selection of hardware and software, financing options and services at educational prices. There is no required brand or model assuming they meet the below specification (please note that the Google Chromebook or other laptops running the Android operating system **do not** meet specification). Following is the minimum and preferred configurations for Windows and Macintosh computers. Also below is a list of required software for both laptops. Laptops must support Windows, OSX, or iOS. If you are unsure regarding compatibility, please consult Information Services prior to purchasing a device (https://www.umkc.edu/is/resources/index.html/).

Windows Laptop Requirements (Includes Surface Pro devices [1, 2])

Specification	Minimum requirement	Preferred
Operating System	Windows 10 Home [1, 2, 4] Versions 22H2	Windows 10 Pro[1, 2, 4] Microsoft Surface must be Surface Pro
Processor	Intel Core i3/i5/i7 (3rd gen or higher) [3] AMD A series[3]	Intel Core i3/i5/i7/i9 (6th gen or higher)[3] AMD Ryzen[3]
Memory	8GB	16GB or higher
Hard Drive	250GB	250+GB, SSD storage recommended
Wireless Access	Required, Wireless G/N	Required, Wireless N/AC recommended
Screen	1366x768	1920x1080 or higher

[1]Windows must **not** be the "RT" or "Windows 10 S" version. For the Surface, only the Surface Pro versions would be supported. The versions of Windows certified for use are Windows 10 22H2, Windows 11 21H2, and Windows 11 22H2.
[2]Please see ExamSoft support to confirm "most recent version" support prior to purchase or update.
[3]Processor must be Intel or AMD based and **not** ARM.
[4]Per ExamSoft, all Windows Operating Systems must be genuine, U.S.-English based.

Mac Laptop Requirements

Specification	Minimum requirement	Preferred
Operating System	macOS 11 Big Sur	macOS 13 Ventura (or most recent version[1])
Processor	Intel i5/i7	Intel i5/i7/i9, Apple M1/M2
Memory	8GB	16GB or higher
Hard Drive	250GB	250+GB, SSD storage recommended
Wireless Access	Required, Wireless G/N	Required, Wireless N/AC recommended
Notes	OS should be currently supported by Apple	Strongly suggested to review ExamSoft support prior to purchase of new models

[1]Please see ExamSoft support to confirm "most recent version" support prior to purchase or update, as support may not be available for the latest version initially.

Software Requirements (Windows or Mac)

- Microsoft Office 365 ProPlus (available for Windows/Mac/iPad) free of charge for all students as part of the MS Student Advantage program. For more info please visit: https://www.umkc.edu/is/resources/microsoft_365/index.html

- Antivirus software (Windows Defender, McAfee, Norton, AVG, or Avast are all acceptable options)

- ExamSoft Examplify – current requirements located at: https://examsoft.com/resources/examplify-minimum-system-requirements

- Adobe Reader

Tablets cannot run all of the following software programs below that are needed for School of Pharmacy courses. As such, a laptop is required for all students. Apple iPads will run all software *except* for opening attachments in ExamSoft and may therefore be used in the classroom for applications *not requiring ExamSoft*. For the Microsoft Surface Pro, please see the Windows laptop section.

- Citrix Receiver
- Office Suite with Word Processing Capability
- ExamSoft Examplify

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