Computing Requirements: Class of 2015

Students entering the Doctor of Medicine program in the Fall of 2011 are required to have a computer meeting at least the minimum specifications detailed below.

- The minimum configuration is designed to accommodate people who have purchased a computer during the last 12 months. However, this configuration, most likely, will not last through the 4 years of medical school.
- On the other hand, the recommended configuration is designed to provide excellent performance throughout the four-year program.

Hardware Requirements

I have purchased a computer in the past 12 – 18 months...

Minimum Specifications

If you have purchased a computer during the past 24 months then you do not need to purchase a new one to meet this requirement assuming that your systems meets most of these specifications.

This configuration will likely not provide adequate performance through the end of your program.

Regardless of when you purchase your computer, plan on upgrading or purchasing a new computer 3 to 4 years later.

If you have purchased a computer during the past 12-18 months then you do not need to purchase a new one to meet this requirement assuming that your systems meets most of these specifications.

This configuration will likely not provide adequate performance through the end of your program.

Regardless of when you purchase your computer, plan on upgrading or purchasing a new computer 3 to 4 years later.
<table>
<thead>
<tr>
<th>Item</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Operating System</strong></td>
<td>Any one of the following:</td>
</tr>
<tr>
<td></td>
<td>Mac OS 10.6</td>
</tr>
<tr>
<td></td>
<td>Windows 7 Home Premium</td>
</tr>
<tr>
<td></td>
<td>Windows 7 Business</td>
</tr>
<tr>
<td></td>
<td>Windows 7 Ultimate</td>
</tr>
<tr>
<td></td>
<td>Windows Vista Home Premium</td>
</tr>
<tr>
<td></td>
<td>Windows Vista Business</td>
</tr>
<tr>
<td></td>
<td>Windows Vista Ultimate</td>
</tr>
<tr>
<td></td>
<td>Windows XP Home</td>
</tr>
<tr>
<td></td>
<td>Windows XP Professional</td>
</tr>
<tr>
<td><strong>CPU/Processor</strong></td>
<td><em>No specification.</em> In the past, processor speeds were accurate indicators of a computer’s processing power, but today that is no longer the case. Use the other specifications below to guide your decisions.*</td>
</tr>
<tr>
<td><strong>RAM</strong></td>
<td>2 GB or more</td>
</tr>
<tr>
<td><strong>Hard Drive</strong></td>
<td><em>No specification.</em> For new computer purchases, we recommend that you buy the largest hard drive you can afford.*</td>
</tr>
<tr>
<td><strong>DVD Drive</strong></td>
<td>DVD drive</td>
</tr>
<tr>
<td><strong>Monitor</strong></td>
<td><em>No specification.</em></td>
</tr>
<tr>
<td><strong>Storage Device / Portable Storage</strong></td>
<td><em>SB 2.0 Flash Drive2 GB USB drive or larger, such as IronKey</em></td>
</tr>
<tr>
<td><strong>Surge Protector</strong></td>
<td>HUL 1449 listed</td>
</tr>
<tr>
<td><strong>Printer</strong></td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Laptop Security Cable</strong></td>
<td>Yes</td>
</tr>
</tbody>
</table>

*In the past, processor speeds were accurate indicators of a computer’s processing power, but today that is no longer the case. Use the other specifications below to guide your decisions.*

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**I do not have a computer and I plan to buy a new one...**

**Recommended Specifications**

If you are planning to purchase a new computer for use during medical school, we recommend that your computer at least meet these specifications.

This configuration will likely provide adequate performance for 3 to 4 years.

Regardless of when you purchase your computer, plan on upgrading or purchasing a new computer 3 to 4 years later.
### Operating System

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</table>

### CPU/Processor

*No specification.* In the past, processor speeds were accurate indicators of a computer’s processing power, but today that is no longer the case. Use the other specifications below to guide your decisions.

### RAM

<table>
<thead>
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<tbody>
<tr>
<td>4 GB or more (Windows)</td>
</tr>
<tr>
<td>2 GB or more (Mac)</td>
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</tbody>
</table>

### DVD

<table>
<thead>
<tr>
<th>Specification</th>
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</thead>
<tbody>
<tr>
<td>DVD</td>
</tr>
</tbody>
</table>

### Portable Storage Device

<table>
<thead>
<tr>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>USB 2.0 Flash Drive</td>
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</table>

### Surge Protector

<table>
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<tr>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>UL 1449 listed</td>
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</tbody>
</table>

### Printer

<table>
<thead>
<tr>
<th>Specification</th>
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</thead>
<tbody>
<tr>
<td>Yes</td>
</tr>
</tbody>
</table>

### Warranty

<table>
<thead>
<tr>
<th>Specification</th>
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</thead>
<tbody>
<tr>
<td>3 years parts and labor with on-site or in-store support</td>
</tr>
</tbody>
</table>

### Laptop Security Cable

<table>
<thead>
<tr>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
</tr>
</tbody>
</table>

### Software Requirements

All students entering the Doctor of Medicine program in the Fall of 2011 are required to have the following compliment of software.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Microsoft Office</strong></td>
<td><strong>Windows:</strong> Office 2010</td>
</tr>
<tr>
<td></td>
<td><strong>Macintosh:</strong> Office for Mac 2011</td>
</tr>
<tr>
<td></td>
<td>Students are responsible for purchasing this software. It can be purchased at <a href="http://www.ucsf.edu/it/store">The UCSF Technology Store</a>, UCSF’s computer store, at an educational discount.</td>
</tr>
<tr>
<td><strong>Anti-Virus, Spyware, Malware Protection</strong></td>
<td><strong>Symantec Endpoint Protection (SEP)</strong> (UCSF site license version)</td>
</tr>
<tr>
<td></td>
<td>To download SEP:</td>
</tr>
<tr>
<td></td>
<td>1. Set up your MyAccess account using the information provided in your welcome letter from the Office of the Registrar.</td>
</tr>
</tbody>
</table>
2. Confirm that your MyAccess credentials work correctly by logging in to MyAccess.
3. Log in to UCSF VPN.
4. On the page that appears after you log in, select the link to download antivirus software.

<table>
<thead>
<tr>
<th>Adobe Acrobat Reader</th>
<th>The latest version of any one of the following:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Adobe Reader</td>
</tr>
<tr>
<td></td>
<td>Adobe Acrobat Standard</td>
</tr>
<tr>
<td></td>
<td>Adobe Acrobat Pro</td>
</tr>
<tr>
<td></td>
<td>Adobe Acrobat Pro Extended</td>
</tr>
</tbody>
</table>

| MultiMedia Plug-ins | QuickTime; Windows Media Player; Shockwave and Flash Plugin’s |

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**High-Speed Internet Access Requirement**

The School of Medicine requires that students who live where DSL or Cable Modem Internet access is available must acquire this high-speed service.

The Broadband Reports web site (http://www.dslreports.com) provides information of whether broadband Internet access is available in your area as well as information on various Internet service providers.

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**Desktops versus Laptops**

Laptops are not required for our curriculum, but they can provide more options for working on campus.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wireless Network / Internet Access</td>
<td>The UCSF Library, Medical Student Lounge, Medical Sciences Small Group Rooms, several of the large lecture halls, and our food courts have wireless internet access.</td>
</tr>
<tr>
<td>Ethernet Network / Internet Connections</td>
<td>The UCSF Library, Medical Sciences Building, and Nursing Cafe have many network jacks for Laptop Internet Access Service (LIAS).</td>
</tr>
<tr>
<td>Interactive Learning Center Student Computing Services</td>
<td>The Library hosts two computer labs with desktop computers and wireless network access for laptops, and hardware and software support as it relates to using the SOM curriculum and online services. Appointments to troubleshoot basic laptop computing problems may be scheduled with a consultant in the Tech Commons, Room Library 240. All UCSF students, faculty and staff share access to these two labs so they are often full.</td>
</tr>
</tbody>
</table>
Financial Aid Assistance

Students can apply for an optional financial assistance to meet the required hardware, software and Internet Access requirements.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardware/Software</td>
<td>A Computer Hardware loan is available through Student Financial Services. You must meet these conditions to qualify for the loan:</td>
</tr>
<tr>
<td></td>
<td>• Purchase the computer on or after August 1, 2011.</td>
</tr>
<tr>
<td></td>
<td>• Make the purchase in your own name.</td>
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<tr>
<td></td>
<td>• In lieu of receiving student loan funds, charge the purchase to a credit card, or</td>
</tr>
<tr>
<td></td>
<td>• If you cannot or prefer not to charge, obtain an itemized estimate, including taxes.</td>
</tr>
<tr>
<td></td>
<td>• Contact Student Financial Services if you have any questions regarding the loan. 415/476-4181.</td>
</tr>
<tr>
<td>High-Speed Internet Access</td>
<td>The cost of high-speed Internet access is included in the total cost of attendance that is used to determine financial aid eligibility.</td>
</tr>
</tbody>
</table>

UCSF
School of Medicine
Technology Enhanced Learning

http://meded.ucsf.edu/tel
irocket@ucsf.edu