



2011 – 2012

Student computer recommendations and requirements

Labovitz School of Business and Economics

All LSBE students are required to have a laptop or tablet (Microsoft Windows- OR Apple-based system). LSBE requires that students bring a laptop computer with the following minimum specifications:

- * Windows 7 or Mac OS 10.6
- * 1.8 GHz processor
- * 80 GB or larger hard drive
- * 2 GB RAM
- * 10/100 Ethernet network
- * 802.11b or newer wireless network
- * CD-RW / DVD-ROM drive
- * 1 GB (or larger) USB Flash Drive (to transfer files)

Recommended:

- * 3-4 year Service/Maintenance plan

Software Requirements

* Most courses in LSBE require the use of Microsoft Office, which is available at a reduced cost from the UMD Microsoft Campus Agreement program.

* Several LSBE courses require applications not available on the Mac operating system (e.g. Microsoft Access) so students will need access to the Windows operating system. The Windows operating system can be installed on Intel-based Mac computers using virtual software and the LSBE Technology Program will assist in this process.

* Certain courses in LSBE require the use of the Data Analysis Toolkit or its equivalent in Microsoft Excel.

* For more information on hardware and software requirements, visit the LSBE Technology Requirement web site: <https://lsbe.d.umn.edu/technology/laptop.php>

*Labovitz School of Business and Economics
Office of Student Affairs, 218/726-6594
111A LSBE Building, lsbe@d.umn.edu
<http://www.d.umn.edu/lsbe>
LSBE technology requirements:
<https://lsbe.d.umn.edu/technology/laptop.php>*

College of Education and Human Service Professions

CEHSP requires all entering undergraduate students to have a laptop computer.

Minimum specifications for laptops:

- * Windows 7 or Mac OS 10.5
- * 1.8 GHz processor (Centrino, Mac)
- * Screen resolution 1024 x 768 minimum
- * 120 GB or larger hard drive
- * 2 GB RAM
- * 10/100 Ethernet network
- * 802.11b g/n wireless network
- * 24XDVD-ROM/CD-RW
- * 1 GB USB Flash Drive (to transfer files)

Recommended:

- * 3-4 year Service/Maintenance plan
- * Accidental Damage Plan or Insurance

*College of Education and Human Service Professions
Advising and Academic Services, 218/726-7156
120 Bohannon Hall, cehsp@d.umn.edu
<http://www.d.umn.edu/cehsp>
CEHSP technology requirements:
<http://www.d.umn.edu/cehsp/technology/requirements.html>*

Swenson College of Science and Engineering

SCSE students are expected to have access to a personal computer for a variety of purposes, including online registration, email communications with UMD faculty and administration, and accessing information held in the UMD library and the internet.

Specific computer needs and capabilities vary with individual students and major programs; there is no one standard requirement throughout the college. Some classes require students to use specialized software, which is also available in the computer labs for a fee. Check your department's web site for more information.

Many students find it useful and convenient to use a wireless-capable laptop for in-class use and portability, although it is not required that students have a laptop.

*Swenson College of Science and Engineering
Academic Advising, 218/726-7585
140 Engineering Building, scsesa@d.umn.edu
<http://www.d.umn.edu/scse>
SCSE technology requirements:
<http://www.d.umn.edu/scse/students/tech/index.html>*

College of Liberal Arts

CLA continues to develop successful technology initiatives, which encourage and support all students to actively use laptop technology in their courses and course assignments. To this end, all CLA students are required to bring laptops to campus.

Minimum specifications for laptops:

- * Windows 7 or Mac OS 10.5 (or newer)
- * 1.8 GHz processor (Centrino, Mac)
- * 80 GB or larger hard drive
- * 1 GB RAM (2 GB recommended for 64-bit OS)
- * 10/100 Ethernet network
- * 802.11g or newer Wireless network
- * CD-RW / DVD-ROM drive
- * 1 GB USB Flash Drive (to transfer files)

Recommended:

- * 3-4 year Service/Maintenance plan
- * Accidental Damage Plan or Insurance

Software Information:

CLA students have access to a variety of software applications. Some commercial software is available to CLA students at no cost: such as Symantec Antivirus, ESRI ArcView, and SPSS. Other software such as Microsoft Windows 7 or Office is subsidized by the University and available at a greatly reduced fee.

*College of Liberal Arts
Student Affairs and Advising Center, 218/726-8180
310 Kirby Plaza, clasa@d.umn.edu
<http://www.d.umn.edu/cla>
CLA technology requirements: clawds@d.umn.edu
<http://www.d.umn.edu/cla/tech/requirement.php>*

School of Fine Arts

Art and Design Department

All students admitted to the Art and Design Department are required to bring an Apple MacBook Pro laptop with the following minimum requirements:

- * 15" display (hi-res antiglare widescreen display recommended)
- * Intel processor (2.66GHz or faster Intel Core i7 recommended)
- * 4 GB of memory (RAM)
- * 500 GB hard drive (500GB or more @ 7200 rpm or any size SSD recommended)
- * SuperDrive (comes standard on MacBook Pro)
- * 3 year AppleCare Protection Plan or alternate CPS 4 year computer accidental coverage plan at UMD Stores
- * Mini DisplayPort to DVI Adapter (for connecting to larger lab displays)

Software Requirements

- * Microsoft Office which is available via a Microsoft campus agreement program inexpensively through UMD Stores.
- * Adobe Creative Suite 5 Master Collection for Mac OS X is required for GD and DAP majors, and anyone who plans to enroll in Digital Arts or Motion Graphics courses. The CS5 Master Collection is recommended for all other Art and Design majors, but some students in Studio, Art Ed, or Art History majors may find the less expensive CS5 Design Premium adequate.

Recommended:

- * 4 GB (or larger) USB Flash Drive (to transfer files)
- * 1 TB or larger external hard drive (for Mac OS X Time Machine backups)

The department recommends you wait to purchase both hardware and software until you arrive on campus. Computers always have a significant educational discount, and software is often available at a substantially reduced educational rate through UMD Stores. Additional software may be required as you progress through the program.

Theatre Department

All students in Design/Technical Theatre Emphasis are strongly recommended to purchase a computer with the same configurations as listed above in the Art & Design Department.

Music

The department of music strongly recommends the purchase of either of the following computer and software options.

Macintosh:

- * MacBook recommended
- * 2 GB RAM
- * 100GB Hard Drive
- * USB Flash Drive 1GB - 2GB
- * Recommended software: Finale (It is recommended that students intending to purchase Finale wait until they arrive on campus in order to take advantage of educational pricing)

Windows:

- * Windows XP Pro (available per University licensing agreement)
- * 200 GHz processor or faster (Centrino, Pent. 4)
- * 100GB or larger hard drive
- * 2 GB RAM
- * 10/100 Ethernet network
- * 56K modem for off-campus dial-up
- * 802.11g Wireless network
- * CD-RW / DVD-ROM Drive

Recommended:

- * Maintenance agreement for three years
- * USB Flash Drive 1GB - 2GB

School of Fine Arts

Office of Student Affairs, 218/726-7261
212 Humanities Building, sfa@d.umn.edu
<http://www.d.umn.edu/sfa>

UMD Computer Q. and A.

Q. How many computer connections are on campus?

A. About 3250 in computer labs, the Library, and offices on campus; about 2800 in residence halls.

Q. What is the speed of the connections?

A. Most computer connections on campus are 100 Mbs Ethernet connections. In the residence halls, some connections are 10 Mbs ethernet.

Q. How accessible are computers for general student use if I don't have my own?

A. Approximately 130 Windows PCs, and 20 iMacs with Internet, email, and office productivity software are available to all students. Another 256 Windows PCs and 103 Macs with over 150 software applications are available to those who purchase ITSS full lab access. For more information, see <http://www.d.umn.edu/itss/students/>.

Q. Do the residence halls have labs or connections in each room?

A. There are no labs in the residence halls but every residence hall room or apartment has one ethernet connection for each resident. For details (what students need, how to get access, etc.), see <http://www.d.umn.edu/itss/resnet>.

Q. Should I wait and buy a computer at UMD?

A. You are not required to buy computer hardware or software from UMD, but we do offer quality services through our campus computer store, the Computer Corner, and on-site warranty repair service through ITSS Maintenance. They can help you pick the best computer for your college or major. See <http://umdstores.com/SiteText.aspx?id=4567>.

Q. Does UMD have wireless networking on campus?

A. All of the main UMD campus and most of the Residence Halls support wireless access, including classrooms, lecture halls, and study areas (library, coffee house, Kirby Plaza). We expect the majority of Residence Halls and Apartments to be wireless by Fall 2011. Please see the latest information on our wireless installation progress here: <http://www.d.umn.edu/itss/resnet/index.html>.

Q. Can the cost of a computer or laptop be included in financial aid?

A. To determine if the cost of the computer can be included in your financial aid package, see the "Request to Include the Cost of Personal Computer" information at: http://www.d.umn.edu/fareg/personal_computer.htm.

Q. What software is available to students?

A. A number of software packages are available for students for free or at reduced cost, including Symantec Anti-virus, Windows XP or Vista, Microsoft Office, SPSS, and email clients and web browsers. For details, see <http://www.d.umn.edu/itss/software/#student>.

Contact the Information Technology Systems and Services
ITSS Help Desk, 218/726-8847
<http://www.d.umn.edu/itss/>