

# 2021-2022 Digital Requirements for Interior Design Students

## STUDENTS ENTERING FIRST YEAR

All Pre-Interior Design students must have a laptop to use during the first year in ID1711, ID1712 and ID1780. The laptop must meet the requirements to run Adobe Photoshop and Illustrator (fall semester) and AutoCAD (spring semester) and be equipped with a **microphone** and **camera**. If you own a laptop, please check to ensure it meets these the system requirements. If you do not own a laptop, consider purchasing a laptop that meets the digital requirements for students entering second year. Keep in mind that all students who enter the second year must have the required laptop and accessories described on the next page under STUDENTS ENTERING SECOND YEAR.

Minimum System Requirements for Adobe Photoshop and Illustrator

<https://helpx.adobe.com/photoshop/system-requirements.html>

Minimum System Requirements for Autodesk AutoCAD and Revit

<https://knowledge.autodesk.com/support/revit-products/learn-explore/caas/sfdcarticles/sfdcarticles/System-requirements-for-Autodesk-Revit-2022-products.html>

## REQUIRED HARD DRIVE, SOFTWARE AND SUBSCRIPTIONS

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### 1 TB External Hard Drive or Cloud Storage Subscription

#### Autodesk Software

AutoCAD 2022 (free with LSU ID through Autodesk)

#### Adobe (Photoshop and Illustrator)

Creative Cloud, \$19.99 / month

<https://www.adobe.com/creativecloud/buy/students.html>

#### Lynda.com

Subscription to Lynda.com (free access with a library card from the East Baton Rouge Parish Library)

## COLLEGE OF ART + DESIGN COMPUTER LABS

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### VizLab

216 Design Building

Computer Workstations and Large Format Printing and Scanning

<https://design.lsu.edu/student-life/facilities/vizlab/>

### C-LAB

Atkinson Hall (open 24/7)

Computer Workstations and Small Format Printing

# 2021-2022 Digital Requirements for Interior Design Students

## STUDENTS ENTERING SECOND YEAR

All Interior Design students entering second year must have a laptop that meets the specifications described below including a **microphone** and **camera**, and the required accessories and software.

Windows Laptop Hardware Requirements			
Hardware Component	Minimum	Recommended (Basic)	Recommended (Advanced)
Processor	Intel i7 quad core or AMD equivalent	Intel i7/Xeon/i9 six core or AMD equivalent	Intel i7/i9/Xeon six+ core or AMD equivalent
Memory	16 GB	16 GB or 32 GB	32GB
Hard Drive	256 GB SSD	512 GB SSD	512 GB SSD
Video Card (1)	4 GB NVIDIA Quadro or AMD FirePro	4 GB or more, NVIDIA Quadro or AMD FirePro	VR Ready NVIDIA Quadro
Screen Size (2)	13 inch	14-17 inch	15-17"
Warranty	3 year	3 year + accidental damage	3 year + accidental damage

Mac Laptop Hardware Requirements		
Hardware Component	Minimum	Recommended
Processor	2.6GHz 6-core Intel Core i7, Turbo Boost up to 4.5GHz, with 12MB shared L3 cache	2.3GHz 8-core Intel Core i9, Turbo Boost up to 4.8GHz, with 16MB shared L3 cache
Memory	16 GB	16 GB or 32 GB
Hard Drive	512 GB SSD	1 TB SSD
Video Card (1)	AMD Radeon Pro 5300M with 4GB of GDDR6 memory and automatic graphics switching  Intel UHD Graphics 630  Configurable to AMD Radeon Pro 5500M with 4GB of GDDR6 memory, AMD Radeon Pro 5500M with 8GB of GDDR6 memory, or AMD Radeon Pro 5600M with 8GB of HBM2 memory	AMD Radeon Pro 5500M with 4GB of GDDR6 memory and automatic graphics switching  Intel UHD Graphics 630  Configurable to AMD Radeon Pro 5500M with 8GB of GDDR6 memory or AMD Radeon Pro 5600M with 8GB of HBM2 memory
Screen Size (2)	16 inch	16 inch
Warranty	3 year	3 year

(1) - The most important recommendation for video cards is that they are on the list of Autodesk Certified Hardware for Revit. The card search can be found: <http://usa.autodesk.com/adsk/servlet/syscert?id=18844534&siteID=123112>

(2) - Screen size is mostly about usage style, weight, portability, and eyesight. Smaller screens provide lower weight and higher portability while larger screens provide a larger desktop at the expense of weight and portability.

**NOTE: Some software packages run only under the Windows operating system. If you decide to purchase the MacBook Pro option, you will need to configure the software to allow you to run Microsoft Windows 10 on a Virtual Machine Program, such as Parallels, VMware Fusion or Bootcamp.**

# 2021-2022 Digital Requirements for Interior Design Students

## Students Entering Second Year (Accessories and Software)

### ACCESSORIES

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<b>Required</b>	External Mouse with Scroll Wheel ( <i>necessary with Autodesk software and other</i> ) 1 TB External Hard Drive or Cloud Storage Subscription 32 GB Jump Drive 20,000 mAh Power Bank 11x17 All-In-One Inkjet Printer
<b>Recommended</b>	Padded laptop case External Monitor (recommended if you purchase a 13" laptop) Security Cable and Laptop Lock

### REQUIRED SOFTWARE AND SUBSCRIPTIONS

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#### Microsoft

Windows 10 (free through LSU Tigerware)  
Office 365 (free through LSU Tigerware)

#### Autodesk

AutoCAD 2022 (free with LSU ID through Autodesk)  
Revit 2022 (free with LSU ID through Autodesk)  
3ds Max 2022 (free with LSU ID through Autodesk)  
Enscape rendering free for 14 days

#### Adobe

Creative Cloud, \$19.99 / month  
<https://www.adobe.com/creativecloud/buy/students.html>

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