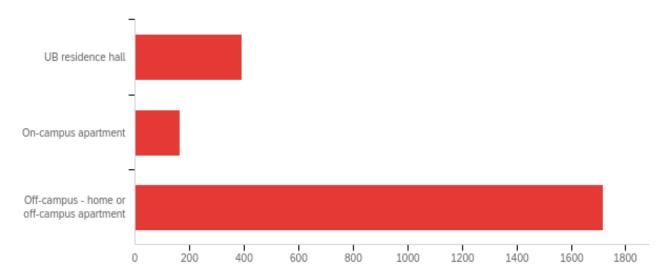
### 2021 UBIT Student Experience Survey

Report generated: November 3rd 2021, 12:40 pm EDT

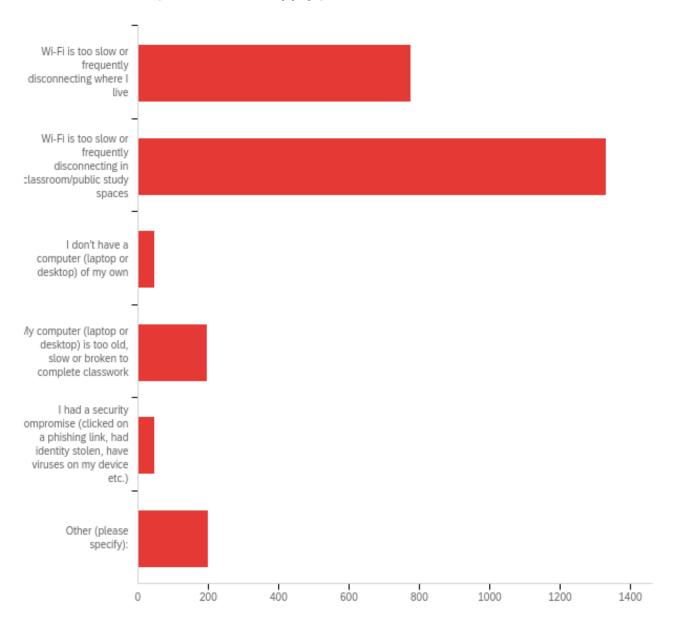
#### Q2 - Where do you live?



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Where do you live?	1.00	3.00	2.58	0.77	0.59	2273

#	Answer	%	Count
1	UB residence hall	17.29%	393
2	On-campus apartment	7.17%	163
3	Off-campus - home or off-campus apartment	75.54%	1717
	Total	100%	2273

### Q3 - Which of the following technology-related problems have you faced this semester as a UB student? (Select all that apply.)



#	Answer	%	Count
1	Wi-Fi is too slow or frequently disconnecting where I live	29.89%	775
2	Wi-Fi is too slow or frequently disconnecting in classroom/public study spaces	51.37%	1332
3	I don't have a computer (laptop or desktop) of my own	1.74%	45
4	My computer (laptop or desktop) is too old, slow or broken to complete classwork	7.60%	197
5	I had a security compromise (clicked on a phishing link, had identity stolen, have viruses on my device etc.)	1.77%	46

6	Other (please specify):	7.64%	198
	Total	100%	2593

Q3 \_6\_TEXT - Other (please specify): Other (please specify): - Text I kept my computer at home Varies location doesn't have services on campus Issues with UBVDI Iphone and Ipad I am having trouble gettins set up to the wifi I have a pertner who forces me to leave my house None Haven't faced any problem yet. Macs do not have some programs UB duo UB system lacks uniformity operational consistency across across platforms and devices, no help after 6pm. No help and grad research location The wifi is sometimes slow but rarely N/A none Intial I had problem in connecting with wifi but now there is no problem. I don't have an ssn yet I only own a desktop so classes that ask for laptop Im just screwed over Ethernet is slow None none None 0 Nothing too big but occasionally I am not able to connect to the wifi. none

Wifi compatibility with chromebook could be improved.

none Cannot connect to wifi at all when on campus No issues none my new laptop had a lot of issues getting the exam software needed for my coursework to work ethernet in the room is worthless None Duo Mobile is the worst UB Learns is laggy, it doesn't always record my submissions, there is not way to change cookie settings for UB Learns on Safari None Not enough printing stations The wi-fi was frequently disconnecting early on into the semester but I no longer have that issue. Whether or not it has been fixed i don't know UB learns hasn't always been loading for me or takes really long. had a wireless profile installed from my last university and UB locked me out of Eduroam because of it. My Adobe account expired as I was working on homework No problem faced frequently I am away from Buffalo this semester. havent faced any of these issues Disconnections should be reported earlier. Faced it few times in the campus. No WiFi at one of residences As international students, we really look for the on campus jobs and the university provides those too. But this year, many students who have applied couldn't get a job because of the on going problem with the SSN. I believe that should be taken care of or the students should be provided with alternative opportunities. phishing emails for job offer, lost money as a result. My laptop and iPad sometimes have trouble connecting to the Wifi when I arrive on campus. None my laptop generally isn't the greatest at holding charge, but otherwise no big issues Whenever I room to room, even in the same building, I have to reconnect to the eduroam wifi. Disconnections on temporary basis, should be communicated well in advance. No technology related problem yet.

problems connecting samsung phone to wifi My Laptop is broken (cracked glass) none UB Secure network always disconnected for some reason and eduroam sometimes get disconnected (especially in lockwood library). My Laptop is 7 years old. It is in a very bad condition. I am no table to run any softwares in it. Unable to access some of the google doc links shared through UB mails eduroam sometimes is too slow Some times wifi keeps disconnecting My computer crashed and needed a full hard drive reset None The technology my professors use is not compatible with my laptop (chromebook) None at the beginning of the semester, the wifi all over campus (& the LTE) was extremely slow none Campus Wifi wont connect to mobile phone none WiFi isn't that slow but often disconnects after moving just several feet. None Printer app frequently doesn't work Great connection None None! Wifi can sometimes be slow, but I wouldn't say it's frequent none of the above None I water damaged my phone and I updated my laptop to macOS which I did not like. The wifi just does not connect or is not even available to join. I need to use an apple computer to grade some special files from students and I do not have one of those computers. Lockdown browser crashed during an in class exam and didnt save anyones answers ssh session constantly kicking me out

UB secure was slow 2-3 times when i joined from the library It is good Forgot UB account password I cannot my mobile to UBSecure Wifi either disconnects or is of low range is certain areas getting access to SPSS remotely was weird and cumberson None None Lots of spam/phishing mails to my UBMail. none No issues with laptop or wifi besides a small crack in my laptop None all is good None of these. the wifi always disconnects when I turn off my laptop I only experiences issues with the internet on campus Not able to connect google home to UB devices The lack of power working power outlets at Capen Library Wi-Fi gets disconnected when walking from one area to another area on campus NA, has been fairly good since the first week. commons No wifi related issues Printer systems are out of order except capen only and creating a new wifi connection for a new device is very difficult now under eduroam. Im unable to connect multiple devices with the Wifi I don't have any complain All good I've had trouble emailing things to people so they can print for me. I would much rather just log onto a campus computer and print the way we used to be able to. none UB HUB not working as expected No problems

None
None.
do not face any issue
Frequent Wi-Fi disconnection
It generally becomes slow in crowded public places
works fine
No issues faced so far in terms of Technology
Annoyed at excessive phishing emails
theres no enough quiet places to study at ub
None
UB mail kept sending error to incoming mail
None
unable to connect for airplay in games
nO PROBLEMS FACED W.R.T. INTERNET and wifi
Assholes in the library like to sit in front of the computers and use their own laptops
No such issues
N:a
could not connect phone to eduroam. did steps but it didn't work.
N/A
The Wi-Fi is generally good but some days it doesn't work optimally.
Network connection is great
Need a new laptop
it always switches to UB Connect, but eduroam is the only wifi that works for me
In the South Campus, the connection is poor at some places
In the South Campus, the connection is poor at some places  When using the laptop in campus, the eduroam Wi-Fi was not connected, so I had to reconnect the Wi-Fi from the beginning.
When using the laptop in campus, the eduroam Wi-Fi was not connected, so I had to reconnect the Wi-Fi from the
When using the laptop in campus, the eduroam Wi-Fi was not connected, so I had to reconnect the Wi-Fi from the beginning.
When using the laptop in campus, the eduroam Wi-Fi was not connected, so I had to reconnect the Wi-Fi from the beginning.  Some of the things needed for class aren't compatible with my chrome book

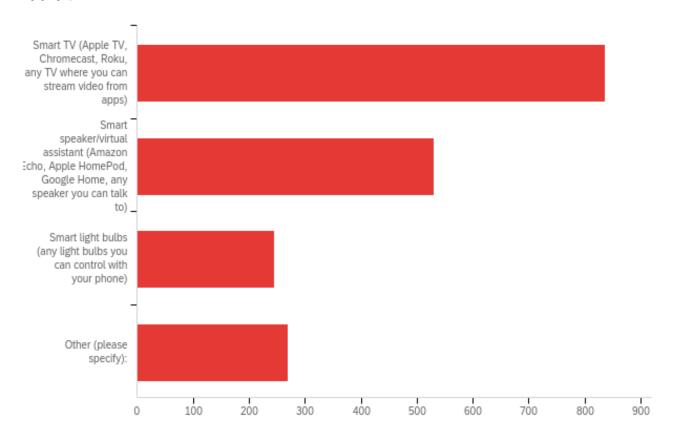
Library WiFi disconnects often
Wifi is inconsistent
The computers in Hayes hall are extremely slow and half are broken
Wifi does not reach all rooms in public buildings, such as the laundry rooms
Wifi problem at some parts of campus
can't access SPSS from my own computer
No problem
Wi-Fi was out of service for a few day
Many scam emails filtering through and flagging certain emails as spam when they are not
capen do not have phone cellur network
Not enough convenient printing locations on campus
None
NA
No problems faced
nothing
None
no problem
Nothing
Remote Desktop disconnecting frequently
No problems
Swipe access to some buildings not working
I don't see any tech related problems. Initially I had Wi-Fi issue for a day then I don't see any issue.
NA
mobile data had a tendency to not work where I live
None
I got a new phone and haven't been able to get DUO set up on it.
At some places on campus the wifi is weak and keeps on getting disconnected
None
In one subject EAS 502 professor takes attendance in every lecture. And he takes exam as form of attendance. In

In one subject EAS 502 professor takes attendance in every lecture. And he takes exam as form of attendance. In one of his classes at at university my edurom network didn't work and I was unable to access the internet at that day. So I missed that attendance question and marks as well, this marks also affects me into my final grade.

Na
Due pushes only sometimes go through.
no technology problems so far
Duo pushes work half the time
WiFi was slow in busy places like the student union at the beginning of the semester but after first few weeks of semester I never had issues with the schools WiFi.
None of the above
just figuring out how to properly connect to the wifi but, now i know because i asked a friend
the wifi is pretty good but it does not connects at some locations in campus
i cant connect my tv to the wifi here
none
None
I don't have a laptop which is compatible to do Myles assignment
the wifi is fine now it was just first week of classes
Limited power sockets in few class rooms
No problems
Issues logging into wifi
Adobe Software being removed from the UB software download page.
wifi was awful in the beginning, and evened out as the semester went on
No problems
Wifi works perfect for me

the wifi doesn't work outdoors on south campus

# Q4 - Which of the following "smart" devices are you using this semester? (Select all that apply.)



#	Answer	%	Count
1	Smart TV (Apple TV, Chromecast, Roku, any TV where you can stream video from apps)	44.47%	836
2	Smart speaker/virtual assistant (Amazon Echo, Apple HomePod, Google Home, any speaker you can talk to)	28.19%	530
3	Smart light bulbs (any light bulbs you can control with your phone)	12.98%	244
4	Other (please specify):	14.36%	270
	Total	100%	1880

#### Q4\_4\_TEXT - Other (please specify):

Other (please specify): - Text

none

iPhone

none
none
N/A
NONE
Nest, smart pen
none
None
Macbook
mac laptop
Smart watch
Chrombook and Macbook pro
None
N/A
none
I am not using any smart device
None
none
No smart devices
none
Smart phone
Smart phone
Laptop
Smartwatch
None
None
phone, laptop
na
Macbook
iPhone, MacBook Air
None

None
None
none
N/A
iohone and computer
mobile phone
Phone and laptop
none
none
none
none
smartphone. ( i guess it's just phone now, not sure if its considered smart anymore)
smartphone
None
smart wireless earphone
-
None
none
i just have an android mobile and a dell laptop
No smart devices
none
None
None
None
smart phone
none
None
none
Smartphone

only laptop and phone
None
phone
nothing
None
None
None
I have HP laptop and iPhone
None
Samsung tablet and cell phone
Phone
None
None
Ipad,computer,iphone
None
I am using my Windows Laptop and Iphone XS
None
No
None
i don't use it
Playstation 4
None
Siri
Nothing
macbook
Dell laptop and iPhone
None
smart phone
None None

None
Phone
N/A
Ipad
I don't have any
N/A
None
None
Nothing
none
none
None
None
phone
none
Game system, phone, laptop
Smart watch
N/A.
no
None
iphone that's pretty much it.
phone and computer
None
None other than Smartphone and Laptop.
None
None of the above

A Lenovo Yoga Laptop
Smartphone
wifi screen projection device
smartphone
Adroid phone
NA
None
NA
Smart phone and smart watch
Nest thermostat, Apple Watch
None
Smart phones and tablets
None
smart watches
All I use is my laptop and my smart phone
none
I am not using any smart devices currently
I am not using any smart devices currently  None
None
None computer
None computer Nothing from above
None computer Nothing from above None
None computer Nothing from above None Apple phone
None computer Nothing from above None Apple phone None, just my laptop
None computer  Nothing from above  None Apple phone  None, just my laptop  Smartphone (Android)
None computer Nothing from above None Apple phone None, just my laptop Smartphone (Android) Smart phone
None computer Nothing from above None Apple phone None, just my laptop Smartphone (Android) Smart phone iPad and Laptop
None  computer  Nothing from above  None  Apple phone  None, just my laptop  Smart phone (Android)  Smart phone  iPad and Laptop  None

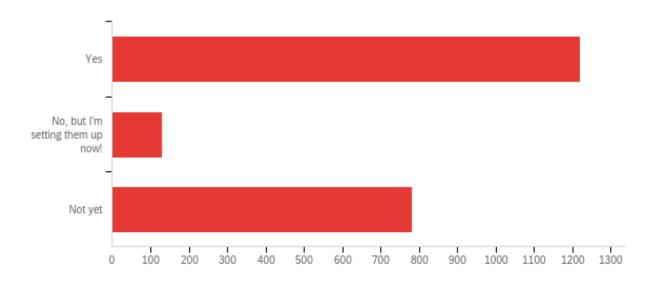
None of the above
Iphone
Laptop and phone
Macbook Air
PS5
Just Smart Phone and a laptop
none
A phone
None
smart phone and smart watch
None
NA
Smart phones and Laptop
Laptop
N/A
none
xbox
MacBook
N/a
Nothing yet.
None
None
smart phone
(my apartment has a smart tv)
iphone
None
No one
None
N/A
ipad

none	
None	
None	
None	
MacBook	
None	
None	
None	
None	
NA	
None	
none	
Laptop and iPhone	
Smart gaming consoles?	
I have no smart devices	
none	
Apple Watch 4	
None	
none	
laptop	
Smartphone(iPhone)	
N/A	
none	
None	
NA	
iPad, MacBook	
N/A	
I don't use any such smart devices	
None	
Not using anything	

None
Ipad
nothing above
Nothing
iPhone
None
NA
N/a
apple phone
Laptop & PlayStation
Phone and laptop
None
None
Phone
None
N/A
I do not use smart devices
IPad
none
none
Smart phone? Other than that nothing
Windows laptop
none
None of the aboveI do use a laptop, iPad, and apple pen though
No smart devices except for phone
None
Laptop and Mobile phone
Smart Phone
Smart watch
None of the above

Macbook		
none		
Phone		
none		
Mobile		
None		
iPad and MacBook		
Macbook, iPhone		
None		
Phone		
N/A		

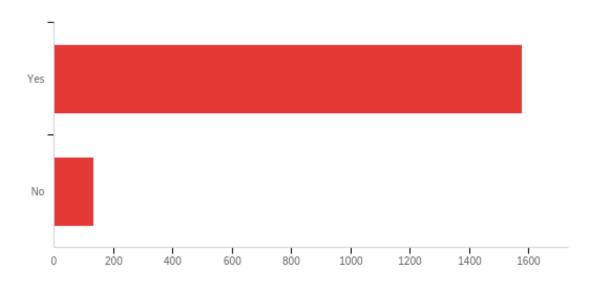
## Q5 - Have you set your security questions and registered your cell or non-UB email to reset your UBITName password 24/7 at ubidm.buffalo.edu?



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Have you set your security questions and registered your cell or non-UB email to reset your UBITName password 24/7 at ubidm.buffalo.edu?	1.00	3.00	1.80	0.95	0.90	2133

#	Answer	%	Count
1	Yes	57.20%	1220
2	No, but I'm setting them up now!	6.09%	130
3	Not yet	36.71%	783
	Total	100%	2133

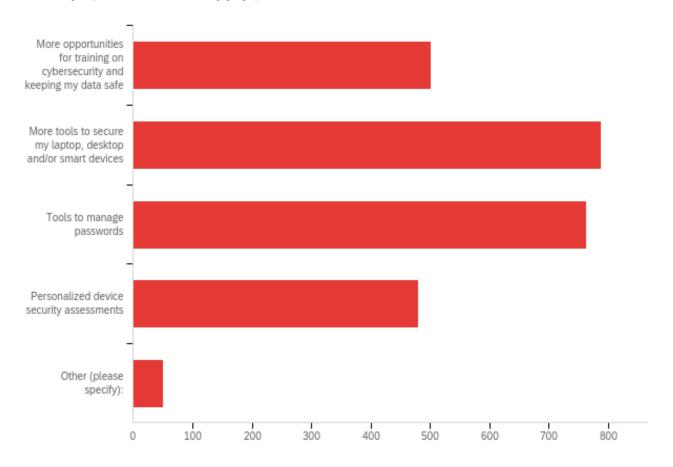
Q6 - Do you feel that the security tools UBIT provides (Duo, cyber security trainings, information on the UBIT website) are effective in keeping your personal information safe?



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Do you feel that the security tools UBIT provides (Duo, cyber security trainings, information on the UBIT website) are effective in keeping your personal information safe?	1.00	2.00	1.08	0.27	0.07	1711

#	Answer	%	Count
1	Yes	92.17%	1577
2	No	7.83%	134
	Total	100%	1711

### Q7 - Which of the following tools should UB provide to help you with your personal cyber security? (Select all that apply.)



#	Answer	%	Count
1	More opportunities for training on cybersecurity and keeping my data safe	19.40%	501
2	More tools to secure my laptop, desktop and/or smart devices	30.51%	788
3	Tools to manage passwords	29.54%	763
4	Personalized device security assessments	18.62%	481
6	Other (please specify):	1.94%	50
	Total	100%	2583

#### Q7\_6\_TEXT - Other (please specify):

Other (please specify): - Text

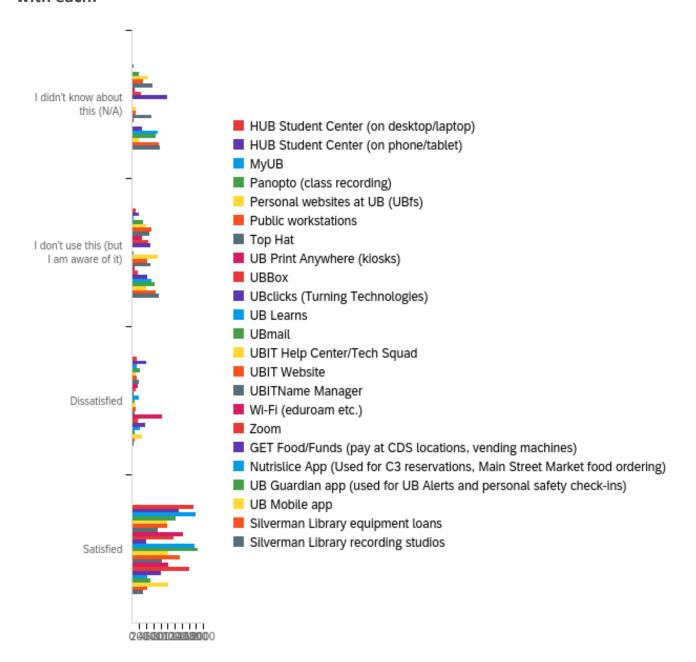
get rid of duo, i dont want to need my phone to get into a computer Ways to prevent phishing (emails) I feel like i get a lot of phishing emails to by UB email Stop using malware such as Zoom and Respondus More opportunities to receive technical support (e.g., for how to set up security software etc..)) Get rid of Duo Authentication Virus protection More softwares secured devices available from the school ie ipads for med students That the UBIT provide help and training. I didn't know it was available Safer wifi antivirus, spyware, etc My main concern recently has been the higher number of emails I receive that seem to be spam - mostly related to job opportunities. I think more communication about how to recognize these and what to do with them, would be helpful. maybe Scan software There's already too much. Dealing with duo and being signed out so often is a pain. get rid of duo better management of spam and phishers; easier ways to report spam to UBIT More flagging of the spam emails that appear to come from a University at Buffalo email address Can no longer click the remember me button on duo for cellphone and have to log in everytime, it would be useful to have that option Require all users to use MFA. Improved protection against spoofed emails attampting to scam students. More info about scams we might get sent to our email Not have Duo mandatory because not everyone trusts it it seems like faculty might need more training to prevent scam emails being sent from their accounts? I think the security is good enough. It is alright now Your team is doing a great job! In case you are shopping password managers, Bitwarden can be hosted locally. Access duo without my phone virus/anti-malware More of a public presence on campus, pop-up info and assistance events

Stop using Respondus Lockdown Browser for in person exams! emails so that information is sent confidentially. A;ready have a password manager, but might be helpful for others. how to properly organize and set up my computer for school and home Secure VPN allowing biometrics to be used on smart devices instead of duo Anything but DUO vpn Tools to protect not just individual student devices but also university devices so security breaches like this summer where student employee social security numbers were obtained do not happen again I don't know enough about cybersecurity to answer, and also don't have the time as a full-time student to do these trainings Not slow phishing and other scams Bring back virus protection just get those phishing emails out Some sort of antivirus software would be great Maybe not have the RF leak people's social security numbers

Password must be reset every 45-90 days.

free laptop

### Q8 - From the list of technology services below, please indicate your level of satisfaction with each:



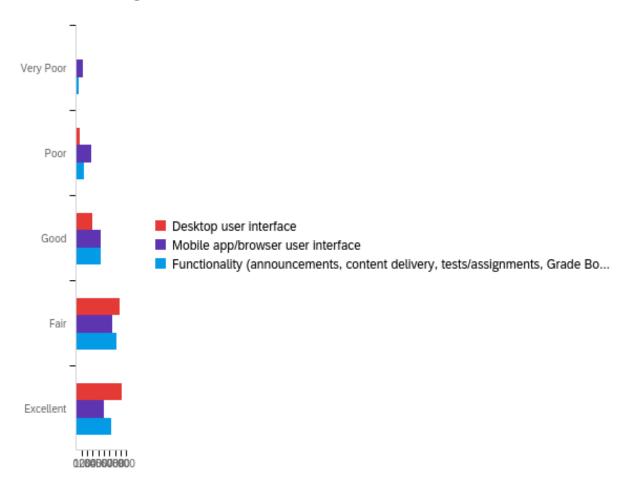
#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	HUB Student Center (on desktop/laptop)	0.00	3.00	2.82	0.54	0.29	1966
2	HUB Student Center (on phone/tablet)	0.00	3.00	2.54	0.76	0.57	1958
3	MyUB	0.00	3.00	2.87	0.43	0.18	1968
4	Panopto (class recording)	0.00	3.00	2.28	1.05	1.09	1967

5	Personal websites at UB (UBfs)	0.00	3.00	1.83	1.28	1.63	1967
6	Public workstations	0.00	3.00	1.91	1.18	1.39	1962
7	Top Hat	0.00	3.00	1.53	1.25	1.57	1966
8	UB Print Anywhere (kiosks)	0.00	3.00	2.51	0.87	0.76	1967
9	UBBox	0.00	3.00	2.10	1.15	1.32	1964
10	UBclicks (Turning Technologies)	0.00	3.00	0.93	1.17	1.36	1957
11	UB Learns	0.00	3.00	2.89	0.35	0.12	1963
12	UBmail	0.00	3.00	2.92	0.36	0.13	1970
13	UBIT Help Center/Tech Squad	0.00	3.00	2.04	1.06	1.12	1964
14	UBIT Website	0.00	3.00	2.37	0.98	0.95	1965
15	UBITName Manager	0.00	3.00	1.62	1.28	1.65	1956
16	Wi-Fi (eduroam etc.)	0.00	3.00	2.45	0.64	0.41	1959
17	Zoom	0.00	3.00	2.72	0.65	0.42	1953
18	GET Food/Funds (pay at CDS locations, vending machines)	0.00	3.00	1.90	1.12	1.26	1910
19	Nutrislice App (Used for C3 reservations, Main Street Market food ordering)	0.00	3.00	1.19	1.16	1.36	1907
20	UB Guardian app (used for UB Alerts and personal safety check-ins)	0.00	3.00	1.25	1.20	1.45	1906
21	UB Mobile app	0.00	3.00	2.12	1.08	1.16	1917
22	Silverman Library equipment loans	0.00	3.00	1.08	1.14	1.31	1911
23	Silverman Library recording studios	0.00	3.00	0.94	1.05	1.10	1907

#	Question	I didn't know about this (N/A)		I don't use this (but I am aware of it)		Dissatisfied		Satisfied		Total
1	HUB Student Center (on desktop/laptop)	0.86%	17	4.68%	92	6.05%	119	88.40%	1738	1966
2	HUB Student Center (on phone/tablet)	2.04%	40	10.16%	199	19.82%	388	67.98%	1331	1958
3	MyUB	0.46%	9	2.34%	46	6.61%	130	90.60%	1783	1968
4	Panopto (class recording)	9.56%	188	15.96%	314	11.69%	230	62.79%	1235	1967
5	Personal websites at UB (UBfs)	23.89%	470	19.73%	388	5.80%	114	50.58%	995	1967

6	Public workstations	15.39%	302	28.03%	550	6.73%	132	49.85%	978	1962
7	Top Hat	29.60%	582	24.36%	479	9.41%	185	36.62%	720	1966
8	UB Print Anywhere (kiosks)	3.61%	71	14.84%	292	8.64%	170	72.90%	1434	1967
9	UBBox	12.68%	249	23.47%	461	4.63%	91	59.22%	1163	1964
10	UBclicks (Turning Technologies)	50.95%	997	25.96%	508	2.20%	43	20.90%	409	1957
11	UB Learns	0.15%	3	0.71%	14	9.07%	178	90.07%	1768	1963
12	UBmail	0.30%	6	1.73%	34	3.91%	77	94.06%	1853	1970
13	UBIT Help Center/Tech Squad	5.86%	115	36.56%	718	5.55%	109	52.04%	1022	1964
14	UBIT Website	4.68%	92	22.04%	433	5.09%	100	68.19%	1340	1965
15	UBITName Manager	27.40%	536	26.38%	516	3.12%	61	43.10%	843	1956
16	Wi-Fi (eduroam etc.)	1.63%	32	3.22%	63	43.70%	856	51.45%	1008	1959
17	Zoom	0.87%	17	8.45%	165	8.55%	167	82.13%	1604	1953
18	GET Food/Funds (pay at CDS locations, vending machines)	15.34%	293	22.30%	426	19.27%	368	43.09%	823	1910
19	Nutrislice App (Used for C3 reservations, Main Street Market food ordering)	37.55%	716	28.79%	549	11.01%	210	22.65%	432	1907
20	UB Guardian app (used for UB Alerts and personal safety check- ins)	35.10%	669	32.79%	625	4.25%	81	27.86%	531	1906
21	UB Mobile app	10.59%	203	21.07%	404	14.45%	277	53.89%	1033	1917
22	Silverman Library equipment loans	39.46%	754	34.85%	666	3.66%	70	22.03%	421	1911
23	Silverman Library recording studios	41.53%	792	39.38%	751	2.52%	48	16.57%	316	1907

### Q9 - Blackboard is the software that powers UB Learns. Please rate Blackboard on UB Learns on the following characteristics:

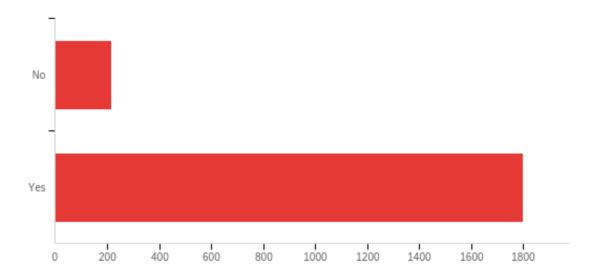


#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Desktop user interface	1.00	5.00	4.18	0.85	0.73	1988
2	Mobile app/browser user interface	1.00	5.00	3.58	1.17	1.36	1978
3	Functionality (announcements, content delivery, tests/assignments, Grade Book)	1.00	5.00	3.89	1.00	1.00	1977

#	Question	Very Poor		Poor		Good		Fair		Excellent		Total
1	Desktop user interface	0.86%	17	2.92%	58	15.04%	299	39.69%	789	41.50%	825	1988
2	Mobile app/browser user interface	5.92%	117	13.35%	264	22.80%	451	33.06%	654	24.87%	492	1978

3 content delivery, 2.12% 42 7.23% 143 22.05% 436 36.98% 731 31.61% 625 1977 tests/assignments, Grade Book)	3		2.12%	42	7.23%	143	22.05%	436	36.98%	731	31.61%	625	1977	
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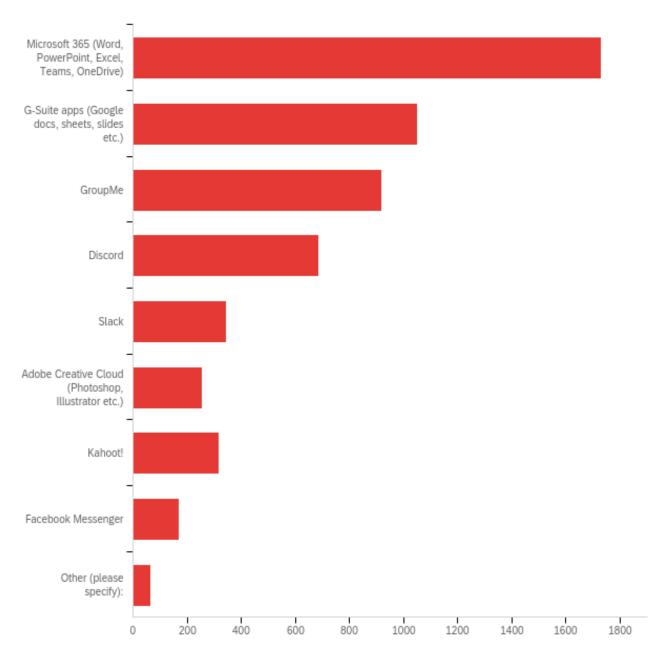
#### Q10 - Should UB continue to use Blackboard for UB Learns?



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Should UB continue to use Blackboard for UB Learns?	0.00	1.00	0.89	0.31	0.10	2012

#	Answer	%	Count
0	No	10.64%	214
1	Yes	89.36%	1798
	Total	100%	2012

## Q11 - Which of the following productivity software titles do you use for your studies or coursework at UB? (Select all that apply.)



#	Answer	%	Count
1	Microsoft 365 (Word, PowerPoint, Excel, Teams, OneDrive)	31.32%	1730
2	G-Suite apps (Google docs, sheets, slides etc.)	18.99%	1049
3	GroupMe	16.60%	917
4	Discord	12.40%	685

5	Slack	6.19%	342
6	Adobe Creative Cloud (Photoshop, Illustrator etc.)	4.58%	253
7	Kahoot!	5.76%	318
8	Facebook Messenger	3.02%	167
9	Other (please specify):	1.14%	63
	Total	100%	5524

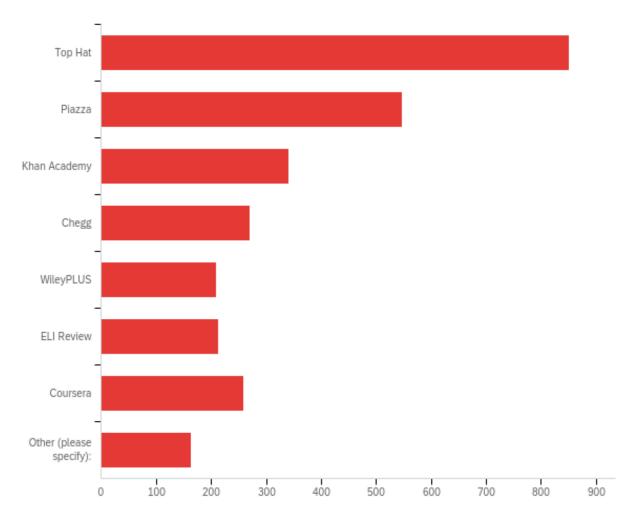
#### Q11\_9\_TEXT - Other (please specify):

Other (please specify): - Text
snap chat
Pages
watsapp
ArcGIS
Rhino 7, revit, autocad, archicad
SPSS, Minitab
Telegram
whatsapp
Quizlet
Good-notes
Minitab
Whats App
WhatsApp
R,SAS
Google drive
iCloud
Quizlet
whatsapp
Webex
Google Docs

Notability
WhatsApp
Rhino 7, Autocad
pages
Instagram, Snapchat
Dropbox
word
I didn't use none of these
Instagram
Prism, chemdraw
no
Foxit Phantom pdf editor
Whatsapp
zoom
Whatsapp
Quizlet
Rhinoceros. AutoCad. Lumion
WPS and Office 2019(both of them are office sets.)
Please create a UB slack channel too if possible
pages, keynote, numbers
WhatsApp
Trello
MATLAB
Prezi
Icklicker
apple notes
Quizket
quizlet
Microsoft Edge
Notability

NA				
Ape pages				
Quizlet				
Libre Office				
Snapchat				
UBbox, Dropbo	x, MATLAB			
Google docs				
Notion , Apple	pages , Adobe re	ader		
WhatsApp				

Q12 - Which academic website have you signed up for during your academic career at UB? (Select all that apply.)



#	Answer	%	Count
1	Top Hat	29.81%	851
2	Piazza	19.19%	548
3	Khan Academy	11.94%	341
4	Chegg	9.49%	271
5	WileyPLUS	7.36%	210
6	ELI Review	7.46%	213
7	Coursera	9.04%	258
8	Other (please specify):	5.71%	163
	Total	100%	2855

#### Q12\_8\_TEXT - Other (please specify):

Other (please specify): - Text
Quizlet
I don't know. I'm older & returning to school.
Quizlet, flipgrid
Barbri and CALI
Quimbee
one for orgo and one for calc.
Pearson
None
None
Miro
None
Cengage
McGraw Hill, WebAssign (Cengage)
N/A
Nothing
Quizlet
Mastering chemistry, gradescope, webwork
n/a
Quizlet
udemy
None
udemy
Socrative
classavo
MindTap
None

n/a
Miro which sucks
None
I had to pay for Top Hat only to submit my assignments on it.
Brainly
Connect
None
Cengage
iClicker
NA
easybib
None of the above
none
NA
McGraw-Hill Connect
Archive
None
none of the above
pearson
Lexis
mindtap
sapiens.org, academia.edu
None of the above
webassign
iClicker
none
Cengage
Udemy
Pearson

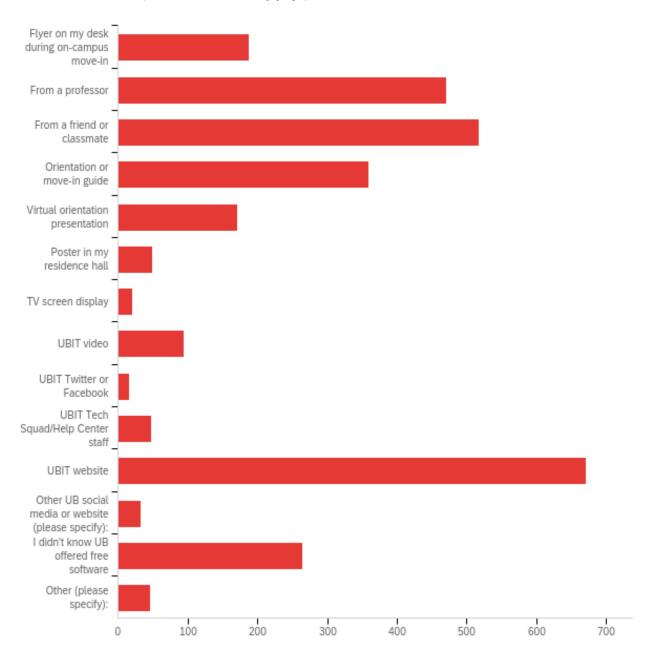
no
N/A
Quizlet
Pearson
none
None
Pearson
webwork
WebAssign, Cengage
zyBooks
none
clutch prep
ZyBook
Mymathlab
Zotero
Cengage and my pearson
NA
none
Cenegage
Iclicker
Iclicker
Iclicker Pearson
Iclicker Pearson Udemy
Iclicker Pearson Udemy barbri
Iclicker Pearson Udemy barbri None
Iclicker Pearson Udemy barbri None none
Iclicker Pearson Udemy barbri None none Udemy
Iclicker Pearson Udemy barbri None none Udemy

engage, pearson
WebWork and Gradescope
Myeducator
NCBI
Cengage
Can access to Udemy/Coursera be provided to UB students
none
N/A
My math lab and Mastering Chemistry
ZyBooks
Not any yet.
WebAssign
clutchprep
Cengage
clutch prep
webassign
Cengage
Achieve
Webassign, MasteringEngineering, Zybook, SolidProfessor, CircuitVerse, Gradescope, Kritik
Cengage
Quizlet
Cengage and inquisitive
None
TWEN
Perusall
Achieve
none
LUx
Mymathlab
None

Udemy	
None	
cengage/mindtap	
perdue	
none	
Cengage	
Math lab	
None	
LinkedIn	
Pearson	
None	
Quizzlet	
N/A	
n/a	
Plural sight, Udemy	
none	
Udemy	
Mastering Chemistry, WebWorks	
Zybook	
NA	
Cengage	
N/A	
grammarly	
Classavo	
Khan academy	
Classavo	
None	
WedAssign/Cengage	
none	
Achieve	

None	
Uder	my
Web	Assign
Mino	tap Cengage
Pear	son, Gradescope, Cengage, Achieve
none	
Uder	ny
None	
Chro	macadamy
None	
None	
None	2
Npte	<u> </u>

Q13 - How did you find out about UB collaboration tools and free software, such as Microsoft Office? (Select all that apply.)



#	Answer	%	Count
1	Flyer on my desk during on-campus move-in	6.38%	188
2	From a professor	15.98%	471
3	From a friend or classmate	17.54%	517
4	Orientation or move-in guide	12.21%	360

5	Virtual orientation presentation	5.80%	171
6	Poster in my residence hall	1.66%	49
7	TV screen display	0.71%	21
8	UBIT video	3.19%	94
9	UBIT Twitter or Facebook	0.54%	16
10	UBIT Tech Squad/Help Center staff	1.59%	47
11	UBIT website	22.76%	671
12	Other UB social media or website (please specify):	1.09%	32
13	I didn't know UB offered free software	8.99%	265
14	Other (please specify):	1.56%	46
	Total	100%	2948

### Q13\_12\_TEXT - Other UB social media or website (please specify):

Other UB social media or website (please specify): - Text

Experience from undergrad

Email

Email

Library

UB General Email

I stumbled upon Box myself
emails

Email likely

I haven't found out yet

UBIT emails
instagram

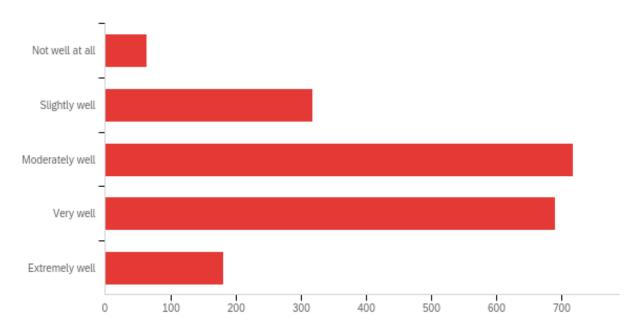
Reddit
google

I found it myself

right now taking this survey
Cisco
UB email
reddit
email
Found out on my own for the most part with some help searching online
My high school
Found by myself
Instagram
Q13_14_TEXT - Other (please specify):
Other (please specify): - Text
Assumed it was offered since most universities offer free software
When working as a RA
my mom is an alum, and told me
librarian
I looked it up
I found it myself
I guessed correctly based on all of my family members having gone to college before me
I figured it out for myself by trying to use Word on my PC but would like to know more about free software offered by UB.
I googled if UB offered any programs.
previous student at UB
I kind of just assumed UB would have access to Microsoft for students b/c my last school did
I just assumed so i used my ub email to login
self exploration
from another SUNY
i dont remember
on my own
Don't remember exactly, but it was some UB website that provided that information

I knew from my time as an undergraduate that universities offer free software. google searched it I still don't know everything offered by UB in terms of software. I'd really like to use adobe creative cloud but didn't know we have access until today. Campus-wide emails N/A. I just googled it and it came up. looked it up myself NA **UBIT Emails** I know the college I work at offers it, so I assumed UB did too I just sort of knew unis often offer free software eop summer bridge Google search Brother Looked it up myself I looked into it myself when i got accepted On my own i guessed Offie isn't free for med students - I'm all logged in for office through UB and it says i don't have editing privileges Newsletter email previous uni had it so i looked for it when i arrived I already knew from before Found it while browsing i don't really remember how i found out I figured they might since my high school did as well so I tried signing in with my UB email I knew already bop I just searched it myself on the website

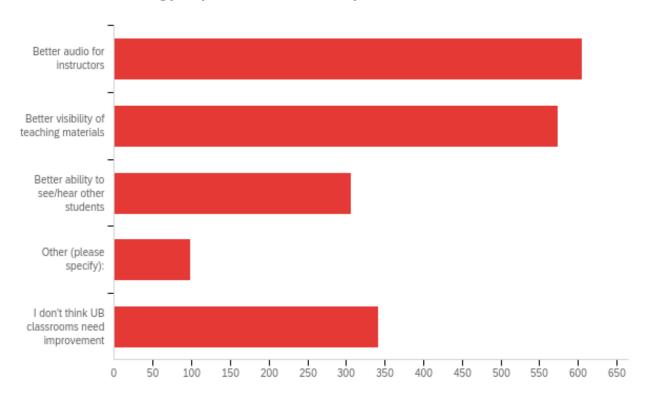
# Q14 - How well does the technology in UB classrooms assist in your learning?



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	How well does the technology in UB classrooms assist in your learning?	1.00	5.00	3.31	0.95	0.91	1970

#	Answer	%	Count
1	Not well at all	3.20%	63
2	Slightly well	16.14%	318
3	Moderately well	36.45%	718
4	Very well	35.03%	690
5	Extremely well	9.19%	181
	Total	100%	1970

## Q15 - What technology improvements would you like to see most in UB classrooms?



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	What technology improvements would you like to see most in UB classrooms? - Selected Choice	1.00	5.00	2.48	1.43	2.04	1924

#	Answer	%	Count
1	Better audio for instructors	31.44%	605
2	Better visibility of teaching materials	29.83%	574
3	Better ability to see/hear other students	15.90%	306
4	Other (please specify):	5.09%	98
5	I don't think UB classrooms need improvement	17.72%	341
	Total	100%	1924

### Q15\_4\_TEXT - Other (please specify):

Other (please specify): - Text

Accurate and well recording of lectures

Much Less technology. It severely inhibits education and takes up time. Keep it simple and useful. This gadget centered screens everywhere approach is ridiculous and never helpful.

It seems as if every class there is an audio issue

Charging outlets in NSC 225 don't work and many outlets in seating and study areas do not work. Climate control in lecture halls is too cold.

Better internet connection

Adaptive listening or some sort of captioning software downloadable.

more computer screens in gross anatomy lab- we huddle around one. I know some other schools have a computer and camera at each cadaver station so that the faculty can easily project/present things to the students without them having to huddle around one screen

Better WiFi (because we pay for it)

stability of wifi - my lapotp keeps disconnecting from it

Renew the Adobe license

Class rooms are to small. I have classes where I don't even fit the the desk because the desk are meant for anyone who's average height but not anything taller than 6ft

put all updates for classes in 1 app only would be nice. too many apps

Smartboard(interactive whiteboard) in UB classrooms

Talbert 111 is a maintenance closet! There are no windows and we are crammed in there! 30 some adults are crammed into a small windowless room. There may not be a technical problem, but that's a problem Some of the classroom like the know 14 didnt have a proper heat control system. So we got shifted to NSC 222, but

that classroom doesn't have levels and the professor has to write the equations on the board which covers three sides of the the room. So when the entire board is used to teach (which is necessary,) everyone in the classroom is missing something as the cannot see it. Its not the prof's fault nor the class is bad. Its just that there are too many of us and the class feels a bit cramped. Also we need to use our laptops for software besides the notes and as such the chair system their is inconvenient. Speaking from a master's students perspective.

I don't know

better classroom acoustics

Lecture Halls that are more rounded so we can look at eachother when we talk.(like the US Congresshall, but even rounder if possible)

I would like the classes to be recorded again; the functionality is there so I'm not sure why they're not

The Jacobs School (955 main street) push to talk buttons usually do not work in the M&T auditorium, where I have most of my classes. Sometimes they also do not work in other rooms, making it difficult to interact with students. In addition, the pointer associated with the screens never seems to work so professors use their own laser pointer which does not show up on panopto recordings.

More classes should be recorded

Make all the profs use one platform please. It is so difficult to keep up with assignments when every other professor

has you using some random program.

the use of masks by the professor is distorting their speech, thus making it difficult to listen to the lectures sometimes. Since the professor stands at moderately apart from the students, it would be better if they can avoid using masks while giving lectures.

I'm an international student so I don't know

More whiteboards, less screens

Less students abusing the classrooms

more chances for virtual learning

plugs for phone/laptop chargers in most classrooms

Some recordings are missing

Better WiFi

Classrooms should be in stepped-seating and circular arrangement with charging ports provided for students. Batteries run out during long classes.

more outlets for laptop charging

A way for the projector screen to be frozen from the teaching station

Faster and easier login

n/a

Better subtitles

decrease echo

Not using applications like TopHat and Pearson at all. UB constantly financially manipulates students by requiring us to pay out of pocket for attendance and coursework, two things that we are already required to fulfill as college students. We already pay a hefty amount for tuition, fees, and the courses themselves, and it is not enough to offer financial support. The solution is to stop encouraging the use of external financial burdens (again, such as TopHat and Pearson) when there are free alternatives such as Kahoot and UBLearns quizzes.

All of the above

I have a class which is recorded, but when I access the video, it shows classroom, bet doesn't show screen and what teacher is drawing and projecting on it...

Translation support

Southcampus overallt updates

Better quality of panopto recording

everything

There are many squeaky chairs in many of the lecture halls that make it hard to focus in class.

Teachers should know how to use the devices, time wasted every time

recordings for all lectures

Easier to use digital blackboards or a "how to" guide for using conference rooms

Better and reliable wifi connections internet connectivity in classrooms is very poor I'm fully virtual so can't answer these two questions Organized More reliable lecture recording equipment Class recordings are a wonderful tool for students struggling with their physical or mental health to keep up despite challenging days. More spaces should be able to do this. better wifi lights that you can turn off just in the front where the projector screen is Doc cams in all classrooms So far so good Better audio for instructors AND better ability to see/hear other students better wifi Give professors TAs to make their power points ventilators Pointers for the professors Literally all wifi Consistent technology, training for professors on technology use all the above Better audio for instructors and subtitle software usability Better visibility, Audibility, Student engagement without student feeling shy, warmth! Outlets in NSC to charge laptops Better lighting all of the above All of the above: audio, visibility, see/hear Mics in the med school lecture halls don't all work Only taking one on-campus class and we don't use any tech so I can't really say. terrible connection makes it super annoying for both students and teachers causing this interfaces to not always work properly This isn't necessarily a technical improvement, but I would like to see all, If not most, college professors posting recording of their lectures to UBlearns.

Less reliance on technology solutions as substitutes for good teaching

It'd be nice to have outlets in NSC115 and etc. When profs hold zoom sessions for in class quiz my laptop runs out of battery quickly. Having the microphones at the medical school actually work especially in the M&T auditorium Teachers have to diferentiate their materials My only in-person class does not really use technology much. For all three of my classes, however, the use of UBLearns is very different. Each professor uses it differently and it can be confusing to find things. More outlets Improve technology and internet The first & third options Better audio for some instructors I don't have a problem in most I have yet to use this. Laser pointers that work Laser Pointers show up on classroom recordings Make room temperature around 27 degree centigrade. Materials available online More working outlets Upload every lecture on ub learns Have class room recordings in very class Better wifi

All of the above

Q16 - Regarding your answers to the previous question, please elaborate on which classrooms you are thinking of, and what specific improvements we can make to that classroom.

Regarding your answers to the previous question, please elaborate on which classrooms you are thinking of, and what specific improvements we can make to that classroom.

Any, I feel all classes should have recorded lectures.

O brien hall first floor 1L classrooms. I can barely understand my professors since last year. It creates a lag in understanding that is difficult to get over

knox, nsc, greiner

Jacobs lecture halls - Sometimes it is hard to hear classmates

210

In 108, with the seating it is easy for the professor to see everyone but I never know who is talking behind me without having to do a full 180 to barely see anyone.

m&t auditorium desk speakers don't work well in the med school

Every classroom needs significantly less and very basic technology.

In some classrooms, like O'Brien 107, the screen is tilted above and students in the first few rows have to strain to see. Also there are motion sensors in the doors that click with movement and sitting up near them is a very irritating way to learn. I have this classroom for two classes and sit in assigned seating in both and experience both issues

Law School Classrooms

All of the larger lecture hall around campus

Knox 20; more speakers

all classrooms, every classroom should be like the new ones in NSC

in person lecture halls like in the NSC

large lecture halls e.g NSC, reduce echo

Improved presentation devices

statistical data learning

online formatted classrooms that are also in person sometimes have bad audio for the recordings especially when it comes to hearing a student speak. They could fix this by being able to switch the mics having a slight delay in the transmission period and have the mics switch earlier than when the person recording switches the mics allowing the student watching to be able to hear what the student is saying from the beginning. Many times the first couple seconds is missed due to a delay in switching mics

diefendorf lecture halls have terrible audio,

more visual examples of pictures

Reinforcement learning class recording audio is not clear sometimes

O'Brian Hall

Big lecture halls. Maybe there could be a way to leave comments for the professor to answer live that they could answer on their own time. Better audio/microphone. Hard to hear the instructor at times. **Dfn and Kimball** pizza parties NSC 225, NSC 210, NSC 210, Capen 240 are too cold none none I can't say a specific classroom, however the bigger the classrooms the harder it is to hear when a student asks a question. Internet is very spotty and prone to disconnect in all locations camera quality better and clearer audio Knox hall Cfa 112 Use better visualizing pointer to see which material is being talked about. N/A O'Brien 106 Knox 114. Either microphone or captioning abilities Better viewing of handwritten notes Using better teaching interfaces For design studio, there are invited guests who call through zoom meetings and the audio is not the best O'Brien 106 Audio quality is oftentimes relatively poor, it could use improvement Parker Hall --updated tech I have not been in a classroom this semester Some of the lecture halls I am thinking of smart classrooms and I want UB to make every classroom to be smart which includes smart TV smart sound systems etc In Brian Hall I feel that the audio delivery is not proper. Same for Knox Hall as well. Pharmacy building classrooms - it is difficult to see the board even with the tv screens if sitting in the back. Also, public health computer lab, if sitting in the back, cannot see the front board. Knox

Natural Science Complex 220

professors should have mic for big class rooms. some lectures are not audible

Jacobs 120. With a full classroom, sometimes it is hard to hear the corner-back rows. I'm not sure what can be done about that.

Big classrooms, such as NSC and Knox

All Classes that are on campus. All of my classes are on campus and all of them involve me to use technology that does not work since the WiFi NEVER WORKS!

need outlets in nsc lecture hall desks

NSC 222, more powerful speaker

The big lecture halls, it's sort of difficult to hear the professor through the mic but I've been thinking it's because the professor is wearing masks so I didn't think much about it.

In my physics course, my professor has a very bad microphone that makes him sound like he is underwater (rm 201 in NatSci)

Knox 20 audio can be a hit or miss

In Talbert 107, I think the speakers don't work.

psychology,seminar

190 and 125 in pharmacy building

Classrooms at the JSMBS have a lot of technical issues, maybe professors can take a class on how to operate the technology

I think there should be speakers along the sides of the classroom and in the back as well because the speakers in the front are not good enough to have the sound reach the entire room adequately

Sometimes the microphones don't work well and the captions are not always accurate

on north and south campus

Classroom sizes like NSC220, switch to whiteboard especially for teachers that tend to write with chalk, if your'e sitting in the back it can be hard sometimes to see what the teacher is writing

bigger lecture halls for big classes like physics

Torts. can barely hear Finley.

Farber 150, Deif 203, BEB 125 cannot hear students talking while in class which makes it hard to participate in classroom discussions

deifendorf better recording system or overall upgrade to auditorium

larger lecture halls, Wende Hall, difficult to hearinstructors

First Aid Personal Safety

I would say that in some of the alfiero rooms it is hard to listen

NSC-101

2 Dief

exercise physiology, sometimes cannot able to hear what professor says

knox 110

The bigger classrooms like NSC

Just the blackboard lay out sometimes it can be messy and hard to find documents

i dont have a specific classroom but for virtual learnings teachers should use subtitles sometimes its hard to hear them

Some of the mics in various classrooms don't work very well and some of the computers (DFn) don't allow profs to screen share on zoom.

knox lecture halls

BEB 125. It's truly impossible to hear people across the room from you.

Just to have the audio of the recorded videos a little clearer

**NSC** buildings

220

In NSC228, when my professor is writing on the chalkboard it is extremely difficult to see from some angles. The smudging after he erases makes it even more difficult to see.

NSC 201 can sound a bit echoey at times in the recording, and sometimes there's a bit of a feedback loop between the mic and speakers for one of my classes there. Also the lecture hall in Cooke sometimes doesn't have some of the monitors on the ceiling on or connected to the screen, and charging ports would be nice in that hall just because there's only a few outlets around the edges of the class.

in all discussion based classrooms we should have desks arranged in a circle so that we can see each person that is speaking easily

clements

Adding microphones on desks

The audio echoes frequently.

O'Brian 112, better placement of speakers and reworking of acoustics in order to lessen feedback

Microphones for students so when they ask a question everyone can hear it. Maybe in the NSC classrooms.

**CFA Classrooms** 

The professors need to become more Involving, class strength can be split in half

lecture halls are made so that the sound travels up and away from the teacher, not down towards them, so it can be difficult to hear anyone seated at all behind you

As an Exercise Science major student, I spend most of my time studying at South campus. While I see a lot of improvement in technology and studying space at North campus, I do not see any progress in the learning experience at South campus.

Renew the Adobe License or at least inform students when the license is about to expire.

cse116

The audio equipment in Baird Hall

knox20

dief 202 / dief 04

Diefendorf lecture halls

NSC 210 is SO LOUD! The chair scream every 2 seconds and its distracting

\_

Diefendorf 201, microphone capabilities; Diefendorf 4 recording capabilities

couldnt watch a fricken movie in physics club. fronczak 219. speaker system=rude

Professors need to set settings in a test situation before starting classes, then use those exact settings then on.

ΑII

Virtual classes are usually very disorganized on blackboard

all of them

I think smartboard can be very useful for any types of classrooms. In a small classroom like a language class, an instructor can provide audio/visual materials easily and write/draw anything on the screen. In a big classroom, it is useful because many students can learn together by a professor showing audio/visual materials on the smartboard screen.

Knox lecture room. Increase in volume results in echo

UB can provide a more clear audio for instructors to teach with

I am taking a remote class and the professors keeps switching between 2 applications which is quite confusing.

Unsure just in general

Farber Hall

Diefendorf, Capen (desks positioned in ways you can't see screen)

Jacobs Building. Not sure of the room but whatever room hosts the PMBA program on Saturday. The Lav mic has a lot of feedback on the speakers. The teacher cannot stay in front of the computer while speaking.

A seperate chat service to reach out to instructor regarding doubts during class, Also need some interactive video explanations regarding concepts

Talbert 111 should not be a classroom for students. It needs to be reconfigured

In lectures theres sometimes lots of audio and visual issues while projecting, those are the only in classroom issues ive seen

I have mentioned everything in the previous blank. NSC 222 is not suitable for EAS 596 class. Professor does everything in his control to make it easier for students but the classroom is just not right for us. We cannot use our laptops and make notes at the same time, because there are no desks, just chairs with writing boards. No levels in class, makes it hard to see the screens/black boards.

Knox Hall, Baird

I don't know

recordings for all classes

small classrooms, such as those in Clemens and others, are really hard to fit in, let alone actively participate with other students and feel safe during a pandemic.

The computers in lab is a little bit too slow in Hayes Hall.

older classrooms

the classrooms, especially in Diefendorf and 42 Cary, are very echoic and make it difficult to hear and understand

#### professors

NSC 201, extremely difficult to hear professor in a class with that many students. Mics do not seem to be able to pick up his voice with the mask on for some reason.

In my larger physics class there are always audio problems, and in some classes I need to get super early because if you aren't in the first two rows of the class you can't see the board

NSC 210, 215, Academic Center 170, make seats in a semi-circle or at least close to it.

knox

NSC 201 and Knox 14

My lab class in Cooke Hall 210, has a really bad projector, which makes it extremely difficult to see the information for my labs.

Cooke Hall's clasroom mics for the professor are not audible.

Cameras that follow professor to record lecture.

Cooke 121 - Needs charging ports

cooke 121, NSC 201

Small classrooms seatings

Some NSC lecture halls have poor speakers so hard to hear professor

none in particular; during the Summer semesters, all of our classes were recorded. This was great as many of us are auditory learners, and since we can't come to class when we have the slightest sniffle it is nice to know that I can still learn the material that is being taught that day

#### TA ran labs

955 main street, M&T. See previous. Improve/update pointer for classrooms - usually do not work so professors use their own laser pointer, which does not record. Also the push to talks have not worked for the last few months despite work orders. Also, in college we used a CatchBox which was very good.

I like being able to watch a lecture more than once. I am sure it helped with my studies.

Hocshtetter 114, Baldy 117

baldy small classrooms

The classrooms in NSC. Sometime the microphones short out and you can or hear the professor

NSC 220, audio has an echo and is quiet

I used to teach a "hybrid" class (online and in person synchronously) and the students could not see one another.

Sometimes the professors microphone will cut out.

The classrooms in Knox hall and Davis Hall.

Clemen 120. The room is big so I cann't hear the questions other student ask. So we need microphone for that.

not sure

big lecture halls like knox and cooke

Any of the lecture halls. Both of my teachers usually repeat what the student asked, but, it would be nice to hear them

I think that in the future more classrooms/offices need to be designed with consideration for the audio quality of the room

I'm an international student so I haven't attended in person classes as of yet which doesn't make me eligible to criticize the classrooms

Some of the classes have poor audio quality due to the unavailability of microphones to the teaching staff.

Space organization

Professors sometimes go by the material too fast when we try to take notes, making it hard for us to progress in the material

The lab meeting space my lab group uses (Park 223) always has problems. The remotes don't have batteries or the screen is too small, etc.

all centrally scheduled rooms- lock kids out that arent supposed to be there

Knox lecture hall

Capen Hall Room 258, the students online are not able to hear the students in the classroom.

classrooms in clemens, the scanners used to project notes are garbage

Please make it a requirement for all professors to post their lecture content (such as slides) many students have trouble seeing so taking notes in class in large lecture halls is very difficult because there is little seating in the front and the board is hard to see

Some lectures in Knox 110 are quiet

NSC205 needs a larger screen. The class I am taking has lots of students, and people can't see clearly from the back of the classroom

I think there are many classes that actually benefitted from an online learning structure (lectures, for instance). The ability to record and distribute large amounts of materials to students, even remotely, is definitely underutilized. Websites like Miro, and tools like Panopto show that the school has the potential to create cohesive and beneficial courses that don't rely on students ability to work in a standard classroom environment. The ability to integrate remote or in person learning as options rather than requirements may allow for more diverse learning styles to succeed where traditional classrooms may fail. I think that using the tools that were relied on last year, and expanding them can facilitate a more cohesive learning experience for everyone.

Lecture videos audio quality,

In all classrooms, there needs to be a good microphone that professors can use so everyone can hear them well

The mics often disconnect in NSC large lecture halls. It's also difficult to hear in the very back of the room.

Large lecture halls, such as in NSC.

In some smaller NSC rooms it can be very difficult to read the chalk boards.

More lighting and the professors audio so while class can hear loudly

For lecture halls it can be really difficult for students to hear professors sometimes as well as other students

Baldy 555. There should be a better white board and a good board eraser.

NSC 201

wifi in park hall 250

better ac

All classroom. Because of masks the lecturer is not that audible

Knox 109, in recording professors voice becomes distorted which makes it difficult to understand

Classrooms in the DMS wing of the CFA. While screening projects, the audio doesn't come through fully and can result in a "worse" production because of the presentation

NSC classrooms for big classes like physics.

anyclassroom with some better speakers and mic

the microphone in the natural science complex 201 doesn't really work at all

some of the classrooms in cooke make it difficult to hear professors, may be due to classroom or personal equipment but I'm not sure

Farber

My BIO200 class in knox 20 had frequent microphone problems.

^I dont understand the question

Some of the clsses does'nt have recording facility

Knox 104

Quality of sound on recordings is hit or miss

NSC 220 (the class is packed which may make it difficult for some to be heard)

online zoom classes, audio can sometimes cut in and out (other students have noticed it at the same time as I have heard the problems)

More screens / larger so that the people in the back of the class who have bad vision can see

I think in big lecture halls it it sometime shard to hear the professor and see the work.

There should be options for virtual learning along with inperson classes, especially with large lectures that are already being recorded.

Lecture halls

Jacobs school of medicine and biomedical sciences classrooms.

Seminar classes

Cooke121, Knox 4, NSC201

Lighting can be adjusted on the white /black board so that it is clear to students at back. Recording should also try to capture the white/black board as well. This will make remote learning or revision learning much easier for both students and professor will also be happy

The audio system in NSC 201 glitches a lot and when it does, the speakers start lagging; so the professor will be talking but the speakers are like 2 seconds behind the professor. It sounds like the professor is underwater and it's very difficult to understand what the professor is saying.

Class recordings for all subjects would be great

A microphone for the students too

Better audio equipment

masks make it difficult to hear professors, even in small classrooms. mics in rooms without them

Knox has chargers at the seats. NSC used to not have chargers, but I noticed they installed them in NSC 225. I think all lecture halls should have chargers aviiable

**NSC** rooms

In Talbert 107 and NCS 201 my teachers have had trouble with sound systems.

**Knox 110** 

For fall 21, data science, EAs 508, taught by prof Scott is very less audible and understandable. If that improves it will become better.

NSC lecture hall professors using physical demonstrations ie not on the big screen can be hard to see if u are sitting in the back

**NSC 225** 

Nsc 220

Lecture halls/regular smaller classrooms, whole campus needs it tbh

**NSC 201** 

I hope the classroom could notice the temperature, sometimes is too cold, sometime too hot

Need circular seating arrangement along with stepped seating. Also, please include charging ports for laptops between seats for students. I am an international student and I have an old laptop that doesn't have great battery backup. And I have seen people with latest mackbooks also looking for charging ports in classes. It is need of the hour.

Big lecture halls

I teach in 6 Clemens hall. The max size of my class is 45. I have 38 students. We are crammed in, and it is hard to have group discussions.

smaller classrooms and lecture halls without charging outlets

none

Lecture halls in JSMBS often have audio issues and other technical issues that interfere with recording

I TA in Talbert 103 and O'Brian 214. The teaching station (as far as I know) doesn't have a way to freeze the image on the projector, only to mute the video.

Better audio

Knox and other bigger classrooms are hard to hear other classmates when we have group discussions

Not in particular, but feels needs little improvement

The only virtual classroom I have had so far was CE317 for a week, it was over zoom, and the specific issue was trying to get into zoom using zoom app.

better wifi

Better audio equipment so that we can hear from any seat in the classroom

NSC201 - the microphone that the professor uses never works properly, it sounds either static or goes in and out with sound

**NSC** classrooms

Natural science complex, i cannot hear the instructor too clearly

talbert 113. A white board instead of a black board. (hard to see)

some of the less updated rooms where the seats aren't elevated its hard to see

For my MRI class, I do face audio issues because my Professor has a very soft voice(not her mistake). I wish she was equipped with a device to be loud and clear.

Always tech problems in classes

Buildings on South Campus, Farber Hall

Just in general

For bigger lecture halls, it would be nice to have students type in questions for the professor to answer because it is hard to hear your peers from across these rooms.

Natural complex 201

Some of the classrooms in nsc

Lecture slides and clear writing/clarifications

We have been using a lecture hall (403) as design studio, I am sure we can do better and secure a decent setting that allows centripetal furniture arrangement which would make our group discussions easier.

the classrooms in Baldy are too old

Large lecture halls such as in NSC have been a challenge.

Lecture halls screens blurry audio is poor

#### NSC201

The lecture halls in Natural Sciences Complex, sometimes the audio microphones on the desks don't work and are sometimes a hindrance when trying to work as it limits the space that can be used

Providing better microphone

Zoom classrooms, material should be posted after zoom lecture in my opinion

**NSC 225** 

having more time to look at slides

Lecture halls

#### **COOKE 121**

I am speaking in regards to any course that requires the purchase of additional resources (e.g. TopHat and Pearson. They are unnecessary burdens and do not surpass any free alternative in promoting our understanding of course material.

NSC 225, create better ways to see the screen because it's hard to see from the back

All classrooms in Knox, NSC, and Norton

Large lecture halls where some slides and photos are difficult to read from the back of the classroom or on recording

Small sized classroom recordings

All classrooms need to have electronic screens for teachers to actively take notes on and displayed to the class. THEY ALSO NEED TO BE ABLE TO RECORD THEIR LECTURE AND POST TO PANOPTO IN EVERY SINGLE CLASSROOM!!!

Classrooms should come with laptops that students can use to log into their UB accounts and take notes. Materials should also be handed out as paper copies.

in regards to virtual, panapto recordings. when students ask/answer questions we are unable to hear them.

Bell and Baldy halls

Recitation classrooms should have better material access.

Using interactive classrooms like Kahoot during the online classes makes learning more interesting. I would like professors to make use of them, so atleast students pay attention to the classes as well as for a student like me who misses the offline classes, it would bring that lively atmosphere. That is what I felt, I don't mean to offend anyone.

better wifi

In large classrooms like in NSC it can be difficult to see the screen from the back.

Farber

Panopto recordings sometimes don't have audio and some times in bell hall recordings we are not able to hear the professor

physics

Communication

Talbert 107 could use a better sound system.

Lecture halls, in Knox I can't hear other students when they ask questions

Recording volume

DFN 147, DFN 104; better mics for professors

Don't have any other suggestions than previously mentioned.

NSC audio

The mic in Academic Center 170 frequently has issues

In the large lecture halls, it is often hard to interact with the professor and to see what they are talking about sometimes. In the new NSC lecture halls they are good but sometimes when the professor is speaking the audio might not be super clear or when a student ask a question other students can't hear them super clearly. I would like to see the microphones being used (in my class we have yet to use them) also in the older lecture halls, it is often very dark and doesn't feel conducive to learning

NSC could use better microphones, especially since Professors have to wear masks.

N/A

Rooms in diefendorf-- the smaller rooms, not 148

Lecture halls like Knox 20

NSC on the seats all the way towards the doors it gets hard to see the blackboards. The rooms for classes like Calculus 2.

Not sure which classroom

knox 04

In Baldy, the projector doesn't display too well in my opinion so its harder to see smaller texts on the screen.

New paint new chairs and desks. I have a newly updated class in farber and its nice but the rest of the bulding is gloomy, sad and smells bad. The bathrooms are always broken or plugged

In the beginning of the semester everywhere I went on campus the wifi was not working, even the libraries.

large classrooms in O'Brian

Knox lecture halls has professors keeping their microphones in hand the collar one's throughout the lecture which makes listening very difficult as it is not always in the right position to amplify their voice.

Downtown medical campus Dozoretz constantly has poor audio recording and video recording has been lacking lately

Better audio devices for professor.

**NSC** 

all

Pharmacy Building Rooms 190 and 125

Knox 20

All professors should wear microphones during lecture

Specifically in Knox and in the older NSC lecture halls. Either somehow fix the chairs or you could just replace them.

lecture classrooms so we can hear what questions students are asking

N/a

For Biopsych, I can't hear a thing the students are talking about when the teacher asks them something

Mics for professors in 106

Masks make it hard to hear/understand professors. This is a blanket problem not specific to any room in particular. I have large lecture halls and small rooms of 20-30 students and I struggle with being able to hear the professor due to masks, even with the microphone.

Cooke Hall and Hochstetter Hall

knox 20

On Panopto, I can't see the board because it's overexposed; thus I can't see what the professor is pointing to. I think we should be able to adjust the camera settings, so that the film isn't as overexposed. I also can't hear my classmates' questions. Maybe have a mic that can be passed around, so we can hear students' voices in the recordings.

Medical school lecture halls--> often errors with recordings

NSC 201 - sometimes mic cuts out or speaker output makes lots of "pops" (may be professor error)

The larger classrooms can have better audio/ microphones for the professor

Big lectures

Can't hear student questions being asked in recorded lectures in Diefendorf

It is difficult to hear the professors sometimes

Classrooms in diefendorf

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1111A& B Jacobs,1225A&B pointer

JSMBS Classrooms

Capen 109: Better audio and visual of students in the room so that online students can see/hear their questions.

Classrooms in the JSMBS building need to be better equipped to handle hybrid lectures

Knox

Smaller classrooms, it's harder to see past all the other kids to see what's on the screen

Teachers always forget to wear a mic = no sound

Any classroom still using a blackboard

Hotchstetter rm 114 microphone

Centralized place for sharing feedback on assignments

Norton 112, just making the microphone louder

I forgot specifically which room but some rooms needs a tech improvement

lecture halls

In NSC 225 the professor always sounds really muffled and the outlets in the room don't work

Hearing the teachers more clearly.

Baldy Hall 109, hope there will be a better project system, the connection was sometimes unstable.

The dief lecture halls can be spotty in the audio aspect

big lecture halls like in nsc

NSC 225, reduce echo of Professor

NSC 225 - it is hard to see the blackboards and projectors from the very back

I'm part of MIS 2022, currently attenging IS audit, assurance, Global IT management

Deifendorf 102, 103, the fans blow loud so the back of the class cannot hear the teacher. No microphones in those rooms. Class is full so some of us have to sit in the back.

More air conditioning

it's hard to hear other students with the new mask policy in all different types of classrooms

chairs that can move in order to make group activites

There's some echoes or resonance on the speakers in Obrien that can make lectures a bit hard to understand.

In some of the smaller classrooms like in clemens, you cannot see the board unless you sit in the front

#### PMY302

some of the older classrooms on south campus (specifically in diefendorf) need some updating on large screens and audio for teachers, also the seats are so squuaky in allot of classrooms both here and in the larger NSC lecture halls

and is so distracting during a class

Hayes 403, Screens in the back to show was is being projected

ULC 148, when writing on the side board it's really difficult for all students to see. Art 150 LEC, microphone is a bit off.

more outlets in studio annex

bigger lecture halls

**NSC 220** 

Small class rooms need something to help with sunlight glare, I've tried moving my seat around but I have poor eyesight and it helps minimally.

Every classroom. It's hard to see anything on the board. Especially with the chalkboards.

Student's voice is not recorded when they ask questions, thus we are not able to relate to professor's answer.

Based on classromm strengths

Knox 104 and NSC222 - would be great if the classroms had facilities to record lectures

Better seating

With masks and recorded audio, it is hard to hear instructors.

Nsc201 has frequent issues with projector nd the lights. Somwtimes even professor is frustrated.

All classrooms in pharmacy building

**EAS 508** 

Norton 121

Maybe having a mic for students who want to ask questions available so that they are more audible

Better audio for recorded sessions

record zoom meeting on time. not controlled by the instructor (since he/she doesn't click the recording button on time)

clemens

Obrain when material is projected in the wall above the board it's hard to see

CSE 467

In my GEO102 Lecture in Knox 110, I can't hear my professor very well because the mic's volume is a bit low. I would recommend a button that allows you to request the professor turn the volume of his mic up.

MBA classes

some classrooms in nsc it is hard to connect to the internet

In worldman theatre the the angles in the front benches are a little off with less desk space.

Better mics and speakers to convey the audio

Sometimes in genetics principle classroom we can't hear very well on zoom

NSC. The microphones act up quite a bit. One of my professors is aware that the microphone doesn't work and continues to use it making it so no one including those in the front row can hear or understand him
exactly what I already wrote out.
It would help to have more resources to pull from.
NA
NSC 210
Alumni classrooms
All the classroom
Big lecture halls and ditching basement classrooms.
Cooke Hall - Audio and Video
Talbert 106
large lecture halls
Recording of all lectures
NSC 220, maybe install a speaker/audio boost so the student in the back row can hear better.
Knox is huge and it's difficult to see blackboards
it is hard to hear the professor in clemens 438
The mics the professors are using are not too clear
The mics the professors are using are not too clear  N/a
N/a  Lecture slides should be shared in EE538 course. As it is a heavy subject, video recordings will be helpful too. As slides and recordings are not there, if lecture is missed due to emergency it becomes difficult to manage and cover
N/a  Lecture slides should be shared in EE538 course. As it is a heavy subject, video recordings will be helpful too. As slides and recordings are not there, if lecture is missed due to emergency it becomes difficult to manage and cover up.
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N/a  Lecture slides should be shared in EE538 course. As it is a heavy subject, video recordings will be helpful too. As slides and recordings are not there, if lecture is missed due to emergency it becomes difficult to manage and cover up.  phi 237  Entire north campus  More power socket for laptop charging  Knox 20  Bigger classrooms  Talbert 107  CHE 121
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the big lecture halls no Knox 112, the white boards are not visible in the video lectures. NSC the recording system faces too many audio issues Knox halls with virtual blackboard or something The lecture halls in Knox Hall. Jacob 112 Professor's microphones are ot very good Hochstetter hall 114, hearing the professor around the room I wish to see the screens clearer and larger in my physics class Lecture halls Knox 20 Well The audio of the classroom should have a higher quality, regarding to the online zoom. Knox 20, make it easier to hear student questions. The chalk board shouldn't be used as it is hard to see. Some of the first floor classrooms of O'Brian hall any class in knox 20. Maybe a bigger screen. Sometimes it's difficult to hear other students or the professor due to the masks. Also for one of my communication class he's been looking for the clicker so he doesn't have to walk to the computer to go to the next powerpoint slide. Knox 20, improving speakers I think there are microphones on the desk but no one really use it. Knox and obrian lecture halls. why eduroam automatically doesnt connect to my laptop. The internet connectivity issue with my mobile has been very recent and want UBIT to please work on it to rectify. Clemens hall older classes **NSC 201** na Knox 110, professors should be given better mic"s Im thinking of Lecture in Knox Sometimes in park hall it is extremely spotty when considering the wifi connection, it makes it harder to keep on track with my professor Many big classrooms, professors use mike which many times fail, should be taken care of Norton 112 glitchy sometimes with audio

nothing

Clemens Classroom can have better IT equipment.

I have had several professors who had issues getting Panapto to correctly and consistently record their lectures. UBIT has not been able to fix it.

Diefendorf 147, maybe have outlets near the seats

lab classrooms where students are working together and it is hard to hear the instructor

Writing on theboard with chalk is ot clear for the students sitting at the back

Example Professor Raj sharman is not audible and needs Mike to speak comfortably so we can hear properly

baldy 110 projector talbert 113 interactive room capen 20 microphone for the professor

NSC225's speakers sometimes make it hard to hear the instructor, same with Knox 20

Big lecture rooms like NSC 225

NSC201

some classes are too bright, such as NSC 225

NS201. Audio of instructor is not good sometimes.

cse 531: Panopto recording is not available...we are having zoom recording indeed. Please make sure that class room camera works properly

Classrooms on south

ΑII

Sometimes it is difficult to hear professors in the large NSC lecture halls even when they have microphones. It is extremely hard to hear professors in their recordings when they are recording themselves teaching at the front if the class. This goes for any classroom.

provide seperate camera for class board view, a single camerae for whole class is not good (Norton Hall 112)

virtual classrooms/zoom meetings

Get more class material in order like a schedule of all exams in one calender

Big Data, Predictive analytics

For my classroom for PHY 108 at NSC 206 the audio can improve to hear the professor

Do not remember the room #

The audio in my chemistry class isn't always good. Sometimes it is too low and at other times, it makes an annoying echo. Chemistry class is at NSC 225. Calculus class would be better if the board wasn't a chalk board and we used markers instead. It would improve the students ability to see what's is written on the board. Math Class is at Clemens 322

In squire

knox 11

Chairs has to be better...

NSC

NSC 210 having a project so it'll be easier to see the notes

NA

There is slow wifi all over, including the library that makes the computers not load fast enough

This applies to most smaller class rooms, I believe.

**Knox 112** 

The class room is 170 in the academic complex

Baldy: 5th floor classrooms do not have any board to write on (chalkboard, whiteboard, smartboard, etc.) Students need to be able to present visually in education classrooms besides projecting their computer screen.

Some of the larger lectures halls like NSC 225 create an echo that makes it hard to hear professors

Knox lecture halls

For one class we are unable to see the lecture notes and written notes by professor simultaneously without switching from projector to paper display macine

Some of the mics the professors use give a really loud echo and it hurts to listen to in some of the new NSC rooms

Knox 20 sometimes has audio issues

Just general

CSE199

PHY101 lecture halls. Zoom is too difficult to use for lecture halls.

Facilities for architecture students in Hayes Hall, Crosby (pending renovation) and especially the annexes.

Better recording especially Audio

Most of my big lectures are in NSC so the audio quality there is good enough, but other big lecture halls like the ones in Knox makes it hard to hear if you're from the middle to the back rows.

Mic to be louder

Microphones and speakers used in knox classroom mostly buffers during classes

O'Brian, I struggle hearing in most classes. 2 of my professors have mics, but the room 106 mic goes in and out sometimes and I miss important things

In my biochemistry class it seems like my instructors are having issues with recording on Pantopo. There have been instances where they either had to re-record after getting input from students or we didn't have access to them through UBLearns and the professor had to send us a Box Link. It can get a bit confusing when everything isn't in one place and isn't streamlined between professors.

knox 110 is a huge classroom. It takes effort to hear the instructor and even then you miss some of the things.

There are large classrooms in O'Brian that appear to have connections so that every student can use a mic if necessary, but they are not used.

It's going good so far, best to leave it as is

Most of the classrooms, audio should be clearer

PHY 101, sounds like he's underwater when he uses the microphone

Cooke

Talbert Hall 107. The course taught in this class involves theory, instructions and a software tool practical work. There's too much of toggling between screens. If we could add an additional screen to review some additional work while still being focused on the content, that would really help. Digitally, for students joining over zoom on a LIVE class, if there could be a way to see the board or the class, that will be a plus as well

Classrooms in South

**NSC 201** 

I think in large classrooms in general some students that sit far from you are just soft spoken and inaudible

Make the study rooms more approachable in terms of the devices within them

Due to masks we cannot understand

Sometimes I can't hear what the professor is talking about. I don't know if it's because of the mask or the microphone. But sometimes I just don't hear clearly.

smaller classrooms such as talbert classrooms, with seating situations

Cooke 121 it is hard to hear someone in the front if you are in the back

Better desks in rooms, more outlets

Nsc 220

201 of natural sciences building. The mic is bad keeps switching off and sound is not good. No clarity in voice and the classes are not recorded properly. Can not hear anything or see anything in recorded lectures. The screen gets switching off frequently

everything

The restroom wifi connection is not very well

South campus very outdated

Make it easier for questioning and answering for online students

DFN

Prof. can use mic for better audio when classroom capacity is high.

Professors being able to edit slides rather than using dry erase. Very difficult in large classrooms.

KNOX 104 - Better voice compatibility

**NSC 215** 

n/a

NSC, Knox, all the bigger rooms

Science classrooms. The projectors don't always focus well and teachers get frustrated

N/A

diefendorf 146

N/A

In Knox there is some feedback issues

Microbiology, it's too big of a class

Capen 258

More visual aids.

Professor winter always has difficulties with his mic and Professor meug has issues with projecting her notes. These setbacks make learning difficult. The occor in room 222 and 201 in NSC

speakers for small lecture halls

the CDA class is online but the lecture videos that are being uploaded are always very small and poor quality.

I teach in Clemens, sometimes I have issues playing clips.

**NSC 201** 

in general: some professor's volumes are so low, you could barely hear AND teaching materials are sometimes posted oddly on panopto (working on 1 screen but not the other), making it very difficult to figure out what was being said b/c both screens had diff materials on it (1 screen frozen, another screen running THEN vice versa)

Microphones in Clemens

When professor writes on the Marker board, it is difficult to see what is written on it.

The physics department

piazza interface is very bad

In large lecture halls its often hard to hear when a student answers a question from the professor unless the professor repeats their answer, not sure how this would be fixed

Remote classes not posting slides

NSC 201, my professor has trouble getting the speakers to work well

South classrooms

Extra ventilators are needed for small classroom which also filled with people.

Large classrooms

In some of the classes it would be great if the instructors have the laser pointer although I am not sure if that is expected to be carried by the instructors

NSC225 and Norton 111

N/A

Classroom should be large, with the stepped-seating arrangements and charging points

can't see board

The blackboard app on phones dont always show you the information for certain classes and some times is difficult to open pdf's from teachers.

I don't know

Large lecture halls in Knox Hall.

Its Like when a student ask question sometimes we re unable to hear the question asked by the student

My american politics instructor microphone barely works and it's a big class. Sometimes his voice doesn't carry and I can't hear the material he's teaching.

Smaller classrooms, like the first floors of cooke and Jacobs management center, make viewing slides or written material from the back rows difficult.

Knox 20, projector.

NSC 218, the desks are very small and the classroom doesn't always have the best visibility to the front board

Large classrooms such as Knox 20. Maybe like a microphone that can be passed around to students that have questions.

Clemens 322

Better audio and captions

In massive lecture halls such as knox 20 at time it is hard to hear a students question if they are sitting way in the back or are just quiet in general and so being unable to hear the question leaves out crucial information that can better assist me in understanding material. Possibly adding a mic near the student so that others can hear may be beneficial

NSC 220 I think is where I have physics 2 with professor Jan Winter and it's not his fault but the audio can be pretty quiet.

davis hall classroom needs better mics/speakers

better teacher and student communication

The older lecture halls in Knox ex. 104 and 109

It is hard to hear recordings of class lectures from Norton 114

BIO199- difficulty in seeing material

jacobs, its sometimes difficult to read out clearly

Sometimes its just not all that clear

Capen

In my BIO 200 class, the professor will be showing slides that are very small and hard to see, however, I believe that this is a problem because of how the professor uses the interface.

Make the rooms more accessible and tech ready!

large lecture halls

Diefendorf 147. Audio is never clear or loud enough. Usually encounter some problems and sometimes loud high pitch noises happen

NSC201

Lot of times, lectures do not have audio, probably Professor forgets to turn on mic or some other technical issue.

Give them clearer mics when they have the mask on it always gets muffled

Flat classrooms with desks, sometimes very hard to see what is being written on the board because of amount of students in front

Better audio for professors. Better cameras for high resolution recording.

In a classroom that is recorded, it is difficult to record student responses in an interactive session as only the professor has their microphone on.

More space to move in classrooms

not really sure of any improvements needed besides the wifi access

NSC 201, the professor's volume isn't high enough to hear properly.

In some classrooms that are large with many people talking, the teacher, even with a microphone is hard to hear.

I am thinking of Knox 20 when a student asks a question and the professor themselves often can't hear it, let alone other students who might also have the same question.

Knox lecture halls 104, 109, 110. Unable to hear other students doubts when they are asking the professor

**NSC 220** 

Knox 110, Knox 104

**Statistics** 

**MAE 381** 

Sometimes class strength is too big so people at the back are not able to hear the professor clearly.

In lectures, some teachers don't use mics

Cooke Hall

Knox 20

Masks really make the audio terrible where the lecturers voice is extremely muffled

cooke hall

NSC please improve the sound quality.

Alferio 101 (?) - difficult to hear classmates on the other side of the room

I think it would be helpful in large lecture halls to have more interactions with students and to be able to hear a quiet professor, I learn best auditorially so anything would help

MFA classrooms have bad lighting and the projectors are difficult to use for older professors

get better mics for the professors

more cooperative boards

Pharmacy Building 190

knox 20

I can't speak to specific classrooms, but the technology has fluctuated from room to room in the lesser used classrooms and professors have to learn/adjust to it each semester

The big lecture halls in general

Difficult to hear professors sometimes

The sound can be heard well when professors use microphones, but sometimes the screen they use does not go over at the right time or it is hard to see. But this doesn't happen very often.

Some smaller but large classrooms. It's sometimes hard to hear.

Sometimes screen	in	Knox04	is	hard	to	see
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ldk

I consider small classrooms and I think it has cameras to recording.

I'd simply like to see more teachers understand that the pandemic is still ongoing and post lecture recordings on UBLearns for students that have difficulty coming in to class. This prevents students from staying behind of everyone else in class.

Norton 218. White board between the projector screens

Upgrade the microphones for audio to be picked up better for classroom recordings

use blackboard in UB learns in big lectures.

knox 109 and knox 104

NSC 225. I have a recitation in there, and it's very hard to hear my TA even when sitting in the very front of the room.

O'Brian hall is made of brick so more microphones to help with sound would be very helpful

Knox 20

Knox-20: Provide a sound system for better hearing student's questions

N/A

Jacobs lecture halls

Most classrooms where subtitles are used are faulty and difficult for the professor to set up and manage

Knox 104

I think all classes should use UB Learns to make access to the materials easier and more organized.

All lecture halls should have the upgraded tech then NEC 201 has

Any big lecture halls, i sit in the front row in NSC 225 and i can barely hear my professor

phonetics

In many of my ncs lectures the mics donot function to ask the teacher questions

I am a virtual student. I do not use classrooms on campus.

robotics -1, Renewable alternative energy MAE530

Knox 120 for instance. We need mics for students to be able to ask

I had a class at Nortan hall last semester, there was a mic but it was not that effective, even professor was having hard time. It was a large classroom.

Small classes

lecture halls

Provide better knowledge to instructors on how to use technology

ULC 148 Class is packed and I can see from back of room

No specific classes but just in general In general the class room audio is feebal but audible ...but my opinion is it could be better NSC - outlets on tables like in Knox Speakers for students in larger classes Knox hall classrooms. Random allocation of seats to students. Able to hear other students speaking. Labs in DMS need to be reconsidered due to social distancing and hybrid learning with both zoom and live classes NSC 225 is wonderful and the lecture halls should mock that setting wifi should be better, tuition should be adjusted for intenational students Make recording lectures more of a norm knox 20, O'brien Math classrooms using the projector don't always have a clear image Get whiteboards in all classrooms Wende 111 The WiFi does not work in the classrooms/buildings at all, even with a full signal Hayes hall and the Hayes annexes difficult to hear professors when wearing masks Nsc 201, phys 2 with professor Winter at about 7 .on Tuesdays and Thursdays Knox lecture halls: figure out how more lights can stay on while projector is on Lecture Classrooms, you can add more screens to the classrooms so people in the back can clearly see the material. NSC

it is hard to see over the teachers monitor in nsc216

Lecture Halls

Large classrooms such as knox 20 or natinak science complex, recording is extremely low

All of NSC, all of Knox

**NSC** 

The closed captions are not always accurate and sometimes the microphones don't work well

Sometimes in large lectures hall, microphones for instructors don't work/aren't charged. Would like to see audio for instructors work more consistently

When it gets to class time some of the professors mics are dead and we cannot hear them. In larger lecture halls if someone in the back asks a question people in the front cant hear the question.

The classrooms in Baldy Hall. I think the technology is great; I have seen the Zoom cart remote teaching done once, and that felt about as effective as I could imagine it being. Visibility, perhaps automatically enlarging the screen, as many professors appear aware as to how to do this. This often leaves the text too small and hard to see.

I cannot see the materials on the board in big class rooms like NSC 225 or KNOX 10 when I'm sitting in the back. lecture halls All of them M&T and Dozeretz auditoriums, and the Active Learning Center - the mics don't all work Talbert 107 and microphones in lecture halls overall are confusing to instructors sometimes I know that sometimes the microphones in the school of medicine downtown act up. **NSC** Live and recorded panopto lectures often cannot hear students asking questions Alfiero 104 My last class in cooke 127b in particular can't heat classmates MGO302 can have better camera angles when taking notes remotely There was a lot of trouble with audio from mike in my operating systems class which is fixed later. But it initially caused problems Alumni Arena classrooms have horrible wifi and the sound system isn't consistent Sometimes you can't entirely hear what other students are saying and introducing tech to combat that the discussions will be more lively and engage more students **Knox Halls** For some classrooms the board is hard to see from the back of the classroom especially in larger lecture halls School of management jacobs building Better technology, slow pace work on assignments the knox lecture halls Jacobs B30, but in others also - problems with logging in, adding personal devices for presentations (students and guest lecturers), sound issues Nsc Knox. Microphones Better audio for the instructors so everyone can hear them better **Bell Hall** NSC 225's audio does not work the best at times and could use some fixing.

# Hoch114

in my organic chemistry class, the microphone doesn't work as well as my other classes. the microphone sounds foggy

### capen 201A

I noticed that in the new NSC halls each seat has a small speaker so that they can hear the professor from their seat, which I think is brilliant. Maybe each of these should have a microphone that can be turned on and off so students can more easily ask questions to the professor.

norton 112, screen too bright on panopoto

Personal microphones are often hit or miss

I don't even know how to fix it, but the acoustics in most classrooms make it harder to hear people. If someone is in a lecture hall like in Knox, hearing them is no better than being outside

NSC201

in knox 20 there are so many light settings sometimes its hard to see

NSC lecture hall, board is hard to see from a distance compared to other big lecture halls

more structured and easier access to required materials on ub learns

lecture halls

The classrooms in NSC.

Classes in Baldy its a very sociofugal environment

Visibility of content at back rows

The Baldy Hall english/language classrooms. The classes that I've taken there were very small and had a lot of student interaction for discussions but the classroom was very tiny and there was not a lot of room to interact. Maybe if instead of personal desks in classrooms of that size, there were tables where you could sit and face eachother. I also understand that that idea may not be covid compliant but it would encourage talking to peers and collaboration.

**NSC 225** 

Something like hoschetter the boards are harder to see from

NSC 225 adding a screen for the students seat at back

Cooke Hall 121, Mic is pretty weak sometimes.

the speaker in class are useles

I am hearing impaired and cannot hear my fellow students in class. The mics catch the professors well but do not catch any of the students in my large classes so I cannot even go back and watch the video for clarification

for a big class the audio is not clear, maybe better mic would solve this issue

NSC classrooms

alferio 103 and 104

NSC 225 and Cooke 121, maybe Clemens 204, and just a room with any college professor teaching

Most courses use technology for no purpose other than to make the instructor's job easier. All a student needs to learn well is a textbook, notebook, and guidance (personalized help) from the instructor. Only one course I've taken so far has made good use of technology (CSE 115) but that's kind of obvious given the nature of the course material. In most other courses, both here at UB and at my other schools, I've found the technology more often to be a barrier to learning than an aid.

Chemistry 107 we need the teacher to slow down and explain her work properly

I think with COVID and the requirement of masks, makes it difficult to hear professors that do not use a microphone. I currently have a class in fronzack and clemens and it is very hard to hear the professor. I think the buildings with the most technology are like knox and NSC, but the other buildings lack sufficient technology. This could also be that

I am an engineering major and have spent little time in other buildings. Cannot connect to the wifi on North Campus sometimes I attend class at NSC115, but I'm sure there're other classrooms down the hall like this. M&T auditorium at the medical school Farber all lecture rooms NSC201, you can barely hear my professor he thinks its because one of the speakers is not working. Classrooms that have a live section and an online section. When watching the recorded live section, you can't always hear students answers and the professor does not always repeat what they say. Nsc201 In general, the personal microphones don't always work well MGO 403 Better representations of visual materials More pictures and using visual examples to help learn better with topics Recordings Classes in diefendorf on south campus. It's just hard to head when students ask questions. Maybe have a feature where students can text questions and it'll appear on screen none Availability for more tutoring hours. n/a The large NSC lecture halls (225, etc.) have an issue projecting a professor's sound, even with a microphone. Norton 218, put white board in the middle **Knox 110** Nsc 215 has horrible seats, Konx 110 Sound is not proper at times All professors that utilize online learning NORTON 112 Some classrooms are not set up with zoom technology e.g., Baldy 112 The classroom is the pharmacy building Knox classrooms are large and usually people from the last row aren't able to listen to what people from the first row say. bio 200 Speakers that will project to everyone, instead of screaming when we have a question

Classrooms with recordings need better camera equipment to make out words that professors write on boards.

Better microphones

#### Better speakers

Knox Hall Large Lecture halls such as 104, 109 and 110.

I would prefer to have Audio enhancements for the professors especially in Knox 104, it would help a lot of students hear in a class the size of 200

south campus lecture halls and classrooms in Diefendorf & Wende

Farber 150

not rows of seats in classrooms

Better audio and use the classroom recording

I find it hard to hear over the speakers in the large lecture hall in the NCS. I do not know the reason for this.

in EAS 199 seminar

We have class in capen 258. Classroom is very small and very disturbing environment

dozeretz classroom at JSMBS

University is not about technologies, university is about teaching. Teachers have to differentiate their materials.

Some big classrooms, it's hard to see the screen with lights.

Bio200

Park hall classrooms

For large lecture halls, more screens near the top rows of the classes

NSC 225 because sometimes there's problems with the audio for when the proffesor speaks or there's a mic issue. For now it's been fine

**Biological Sciences** 

Honestly I'm an online student who works on campus. I don't have the option not to answer the question but have heard other students make complaints that I'm passing on to you.

Nothing ever seems to work in NSC 225 and other classrooms arn't much different. Maybe hold a seminar to teach the professors how to use the equipment?

I forgot the question already

Recording audio

knox 20

IE572 has lighting issues and small projector screen

Talebert Hall. We have our reinforcement learning class there, and it's recorded lectures have very poor quality of audio. That needs to significantly be better.

Less seats, better techs be equipment emt

Have all the classrooms a recording device and make every course have recorded lectures instead of having professors decide whether it'd be recorded or not. Recorded lectures were the most helpful during virtual classes and having the ability to go back and rewatch lectures became important to me over the pandemic.

In ncs 225 the speaker volume can be little bit loud Because when we sit at the end we won't be able hear clearly

Complex225 microphone is hard to hear

I think all the classrooms should have microphones for instructors and there should be some arrangements to hear what students are trying to tell. Classroom K14 do not have a white board. I request to rrplace the blackboard by white board. Please install microphone in each lecture hall, especially K14, NSC 222 and Alumni 97

Baldy 500 Something

Wende hall had lighting issues initially and couldn't see slides well

Large lecture halls

Knox 20, less of an issue currently due to the pandemic, but often wifi would get clogged and slow in larger classrooms due to many people using connection at the same time

Personal hearing issues magnify the audio issues experienced in NSC 225 during my PHY 107, of which all students I know complain about echo and audio quality

O'Brien 102

The acoustics in the Academic Center in Ellicott classrooms are pretty bad and online video classes are hard to hear even with volume all the way up

NSC 220 Audio system for PowerPoint and mic

My eas 503 needs better instructor and materials.

in class of exercise physiology sometimes mikes get kick off and it is not recorded so i would suggest to make it better so when we are listening to recorded lectures we can hear him clearly

in knox 109 there should be hangers for hanging umbrellas and jackets

Recently, videos of my lectures from Pharmaceutical chemistry and pharmacology had a skewed view of the presentation

Lecture halls, better mics, & up-to-date speaker technology for students to hear one another

Knox 20 sometimes disconnects me from WiFi

Nsc225

Expo boards in every room

Biochemistry

**Knox 107** 

better microphones for professors

Jacobs medical school Dozoretz auditorium. The instructor audio cuts in and out.

Projector images are sometimes too dark/ off color to see content clearly

big lecture halls, make it more easy to hear other students questions/responses to stuff

Instruction based classrooms in Norton as well as seminar rooms in Furnas Hall need better audio setup

Knox 110. Mic for the instructor almost never works

The larger lecture halls, if someone has a question most of the time we do not hear it. I would like to have the microphone on the tables turned on for certain classroom settings so we can hear what students have to say.

Smaller classrooms in Talbert.

NSC201, the recording for the microphone on UBlearn is terrible.

None in particular. Having functional speakers and mic for professors.

It process quality management

More advanced tech for collaborative study

natural science complex the audio suck

Talbert, CFA, microphone and speaker issues

Ketter hall 140.

my CSE 199 class is sometimes really quiet I don't really know why, because they are using a mic

NSC; wifi could be stronger

Better training for the professors/teachers so they know how to use the technology given to them

ART 150. Class is too big and cramped with students. To make it better, have the class two times a week instead of once per week.

Classes over zoom. Sometimes there are technological issues that cause the instructor to sometimes sound extremely quite.

knox hall

Unable to follow handwriting of few professors.

All classrooms

Bio

Baldy 101

M and T in the medical school building. The speakers for the students don't work and either does the laser pointer that can be recorded on the live video

in my lecture hall of I don't even know it is hard to know what a student asked and then it gives no context to the professors answer. Maybe the professor can just repeat the question so we all understand.

Classrooms in Pharmacy Building. Is there an app the professors can use to guide our focus on their slides both during class and if/when reviewing lecture recordings?

## **NSC** classrooms

In Knox 20 or Norton 112 I have a hard time hearing the other students (especially with the masks) so I think some sort of microphone or speaker would be helpful. In NSC 225 I think an instruction guide next to the speakers on the students desk would be helpful since I don't know how to use it. Also if there was a way to signal to the professor that we have a question in case they don't see our raised hand would be nice. It could be some sort of clicker or app that would light up on their screen or computer in the front.

The ones in NSC. We could have better benches with bigger work space so that a student can use laptop and notebook at the same time

Drop down projecting screens should be placed in classrooms where rows of chairs are not level.

1 microphone per 3-4 students will be very much helpful while asking doubts and questions and would help other students understand the same

Most of the classes, sometimes the professor is not clear even with a mic, this could be due to mask

This is more of a teacher thing than anything else, but uploading all powerpoint slides and class materials to

ublearns in a timely manner would be extremely helpful for all classes

Knox lecture halls. In previous semesters audio levels would often change unexpectedly

Faculty wear face shield

improve microphone system in NSC218

Talbert 107, Norton 112. My professors always have audio feedback and the volume is inconsistent.

The speaker isn't always audible in Knox 110. I'm not sure if it's Professor's low voice or the speaker's fault but most of the times I can't hear what professor says and also the class size is huge.

Knox halls 109, 104, 110.

Ν

Large classrooms in Diefendorf Hall

NSC210 the professor is muffled bc if their use of the mic

Abbott B15 relies on a projector - which in best focus is sometimes too grainy to read the text the professor is trying to display (from the second row)

Some of the microphones seem to be very quiet, or perhaps the users are not wearing them close enough

Baldy 415, 425

Classrooms in math building are too small for the number of students in them

Nse classrooms

In nsc 215, the mics could have been better. There's no facility to charge our laptops even. That's a huge problem

NSC

For my organic Chemistry class, although, I am sitting in front of the class, it is sometime difficult to hear. Idk if it is because the professor is talking slowly or he doesn't wear the speaker correctly

The writings on the blackboard is not visible in the recorded videos.

Due to covid, sometimes it becomes really difficult to communicate with each other or with the instructor during the class due to masked conversation. If there was a way to buzz in a question using a mobile that'd be useful

I guess just better microphones and better Eq software

big lecture halls because sometimes it's hard to grasp everything with everyone and the amount of people in those classrooms

NSC228 and NSC205. The professors should have 2 projectors where they can show different teaching materials at once.

Smaller classrooms in more intimate settings

The jacobs basement classrooms. And the seating organization is just not the best

I think in regards to lecture recording videos, although professors use the lecture slides to demonstrate what they are teaching, helpful examples that they write on the board isnt visible when re-watching the lecture online and is often a missed opportunity to grasp the concept.

None

Lecture halls in general

classrooms in biomedical buildings on south campus

Virtual class

Lecture halls such as in Knox and NSC. Someway for students questions to be heard by all other students.

Mic

Sometimes when students ask questions in a large lecture hall, it is hard for both the professor and other students to hear the question, so the addition of microphones on the tables for students to ask questions would be helpful.

402 .school of architecture and planning. .. May be out mic or something so we can hear prof properly

Jacobs classrooms

Big lecture halls like Knox20

Active Learning session Can be Inculcated in the academics and More information about the University Maps can be provided

Mics are not that great

I have a cse560 Dmql class in Knox hall 114. The instructor has a micro phone setup but it's not that great. It can be improved

Virtual classrooms, lectures aren't posted sometimes so I lose track of notes

In general when I am in a lecture hall I can. Always hear the Professor, however students with masks I'm never quite able to hear correctly.

More convenience for the student hub and accessing course materials

Projections in moderate sized classrooms (ex hoch 114) can be be hard to see

more tablet screen boards rather than blackboards, it helps a lot of students learn.

Any and all

The seating structure of some class rooms example nsc 228

Norton 112 (more working outlets)

Specifically Knox lecture Halls

Software security (cse 510), audio quality

in lecture halls, when a student is speaking, it is hard to hear them from other areas of the room unless the instructor repeats what they said

Obrian 112. Loud AC/heat, non working mic

The large lecture halls in the natural sciences complex. The microphones are not on and its hard to here the students questions

Obrian 112 pls omg. Our profs were having a hard time setting up the mic

NSC 201

Deifendoorf or any large lecture hall it's impossible to hear the professor & read the screen.

Knox 20 is a nightmare

In certain classrooms it's hard to see what the teacher is putting up on the board, so larger projectors could be used

Get speakers at seats so you can hear questions other students have and the professors can hear the student asking questions better. Every classrooms sometimes its hard to hear students through zoom Hichatetter On some of the recording - we cannot exactly see where the laser point are pointing at. For UB learns the interface isn't very user friendly, especially for turned in assignments. I would recommend a more google classroom type interface. solve the cookie problem when log into the UB website on iPad or iPhone any of the older rooms, screens can be higher, lack of stadium seating make board visibility difficult. Also, all classrooms should have auto recording for lecture **Knox Lecture halls** Knox 20. I think it would be beneficial to add a push to talk microphone system for the students throughout the lecture hall, much like has been done in nsc lecture halls. Sometimes microphones don't work so whichever rooms have microphones that don't work ΑII Maybe provide professors with writing tablets Any lecture room with many students, just have professors post lectures in advance so in case we can't see it that day and there is an issue, we have an idea of the topics. 200 seating classes, better speakers. The sound is not audible Davis 101 nsc sometimes the blackboards are difficult to see Knox 20 **NSC** NSC 225, Knox 20, both you can't hear when a student responds. giving a microphone to teachers to use so I can hear them better Better speaker Knox 106 MBA classrooms **NSC 225** Computer labs zoom recordings

Bio 200, chem 101

I think having class room recorder videos made available would not only benefit the students but the professors as well. No specific classroom, sometimes the audio is just extremely low Overall I think the classrooms are fine Ketter 140 - the tall teaching station makes it difficult to see the whiteboard when the instructor is writing on it. A shorter and wider teacher may help The Clemens class rooms are to small Law school classrooms have poor projector positioning Lecture halls In the big lecture halls it is hard to hear what questions other students are asking. all of the larger lecture halls Knox lecture hall speakers for lecturer NSC lecture halls, Norton 112 nsc 201, but changes have been afaik and its good now None The nsc smaller rooms it's hard to see the board sometimes due to the weird stupid seats. nsc225, knox 20 Hard to see Dr. Poulins Bio 200 presentation slides The classroom Dr. Proctor teaches in at 4:10 PM on Monday's is cramped and terrible. TV should be mounted on the wall. The microphones in diefendorf sometimes don't work and shut off Better audio quality Everything in the last question I think would benefit a lot of people including being able to hear teachers easily because some teachers talk very quietly screens in back to make seeing easier JPN 101 having a tutor for Japanese. Not sure I'm not exactly sure what we would do, but I think this is a facet where we could definitely improve.

i think most classrooms are good and there are not too many issues

NSC 228 has low output of Speaker volume, the professor is barely audible from the last rows

O'Brien hall

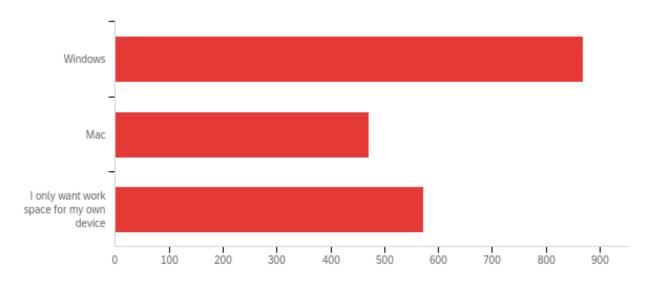
Not sure

The larger classrooms, such as bio200 and che101

Distributed Systems
I would like to see classes be more viewable on UBLearns or other sites.
knox
Alfiero Classrooms
the classrooms on the second floor of diefendorf often don't have microphones for professors to use
Nsc118
Knox 20, better quality screen
Screen should me visible bigger
Perhaps incorporating more hands-on activities to make the lessons more engaging.
PHC443, room too small to accomodate students
Knox hall

nsc

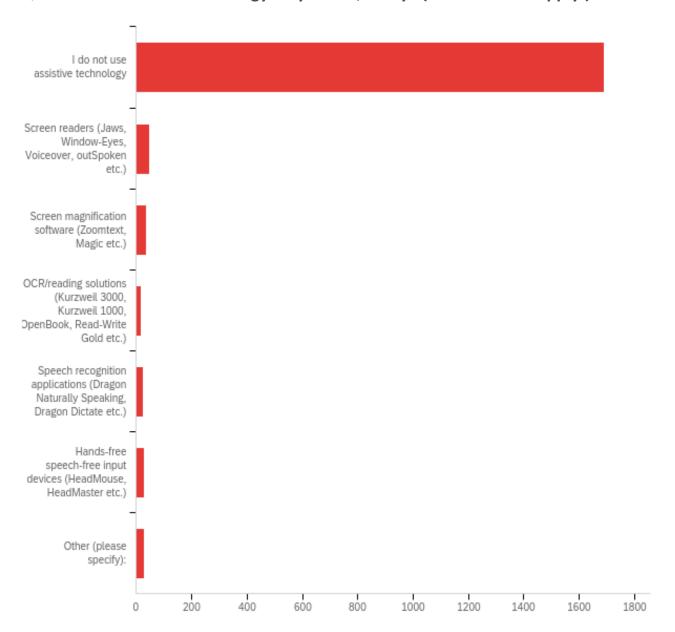
Q17 - When you use computers in UB libraries or public computing sites, which platform is most useful to you?



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	When you use computers in UB libraries or public computing sites, which platform is most useful to you?	1.00	3.00	1.84	0.85	0.73	1913

#	Answer	%	Count
1	Windows	45.43%	869
2	Mac	24.67%	472
3	I only want work space for my own device	29.90%	572
	Total	100%	1913

# Q18 - What assistive technology do you use, if any? (Select all that apply.)



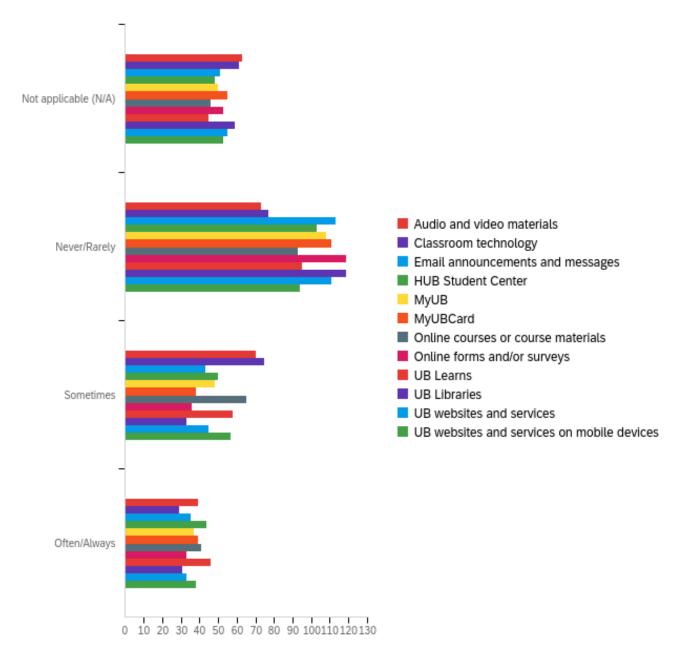
#	Answer	%	Count
1	I do not use assistive technology	90.33%	1691
2	Screen readers (Jaws, Window-Eyes, Voiceover, outSpoken etc.)	2.51%	47
3	Screen magnification software (Zoomtext, Magic etc.)	1.87%	35
4	OCR/reading solutions (Kurzweil 3000, Kurzweil 1000, OpenBook, Read-Write Gold etc.)	0.96%	18
5	Speech recognition applications (Dragon Naturally Speaking, Dragon Dictate etc.)	1.39%	26
6	Hands-free speech-free input devices (HeadMouse, HeadMaster etc.)	1.44%	27

3	28	1.50%	Other (please specify):	7
2	1872	100%	Total	

# Q18\_7\_TEXT - Other (please specify):

Other (please specify): - Text
Tried various free online captioning services
Scribe Pen
ai live
grammarly
Audio amplifier
f.lux
Screen magnification as supplied on my Mac
none
NA
None
SmartPen
live transcript/closed caption
none
Background noise apps to help focus
NOne right now but I am looking into otter
Speechify
Translate
second monitor
speak to text
Speechify

Q19 - Have you experienced problems accessing the following with assistive technology? If so, how often?



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Audio and video materials	0.00	3.00	1.35	1.03	1.06	245
2	Classroom technology	0.00	3.00	1.30	0.98	0.95	242
3	Email announcements and messages	0.00	3.00	1.26	0.95	0.90	242
4	HUB Student Center	0.00	3.00	1.37	0.99	0.98	245

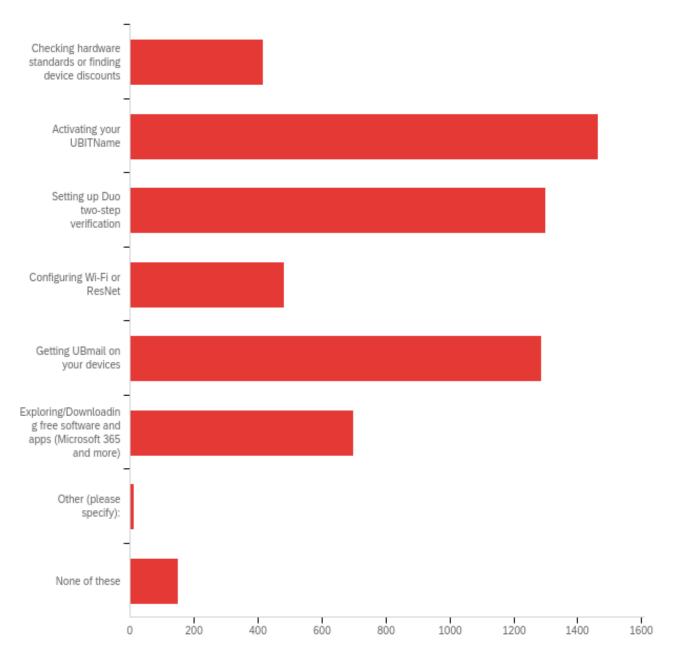
5	MyUB	0.00	3.00	1.30	0.96	0.92	243
6	MyUBCard	0.00	3.00	1.25	0.98	0.96	243
7	Online courses or course materials	0.00	3.00	1.41	0.98	0.95	245
8	Online forms and/or surveys	0.00	3.00	1.20	0.94	0.88	241
9	UB Learns	0.00	3.00	1.43	1.00	0.99	244
10	UB Libraries	0.00	3.00	1.15	0.93	0.87	242
11	UB websites and services	0.00	3.00	1.23	0.95	0.90	244
12	UB websites and services on mobile devices	0.00	3.00	1.33	0.99	0.97	242

#	Question	Not applicable (N/A)		Never/Rarely		Sometimes		Often/Always		Total
1	Audio and video materials	25.71%	63	29.80%	73	28.57%	70	15.92%	39	245
2	Classroom technology	25.21%	61	31.82%	77	30.99%	75	11.98%	29	242
3	Email announcements and messages	21.07%	51	46.69%	113	17.77%	43	14.46%	35	242
4	HUB Student Center	19.59%	48	42.04%	103	20.41%	50	17.96%	44	245
5	MyUB	20.58%	50	44.44%	108	19.75%	48	15.23%	37	243
6	MyUBCard	22.63%	55	45.68%	111	15.64%	38	16.05%	39	243
7	Online courses or course materials	18.78%	46	37.96%	93	26.53%	65	16.73%	41	245
8	Online forms and/or surveys	21.99%	53	49.38%	119	14.94%	36	13.69%	33	241
9	UB Learns	18.44%	45	38.93%	95	23.77%	58	18.85%	46	244
10	UB Libraries	24.38%	59	49.17%	119	13.64%	33	12.81%	31	242
11	UB websites and services	22.54%	55	45.49%	111	18.44%	45	13.52%	33	244
12	UB websites and services on mobile devices	21.90%	53	38.84%	94	23.55%	57	15.70%	38	242

# Q20 - Have you experienced any other issues with assistive technology that was not covered? Please explain:

Have you experienced any other issues with assistive technology that was not covered? Please explain:
no
No
The Lockdown Broweser always have problem
On nutrislice, even after downloading and redownloading it does not work on my android device
No
It does not show the assignment on ublearns sometimes
Teachers forget that PDF's need to be OCR'd in a certain way or screen readers can't interact with them.
I will frequently download PDFs from the library that are not recognized by my reader and I do not have OCR software.
no
N/A
None
n/a
None
It is mostly professors not allowing recording of lectures or any of the course content that is the problem.
NA
No
PDF documents that are not able to be read by screen reader or to copy text from, lack of captioning on videos or video files, inaccurate captioning on Panopto when speaker has heavier accent
N/A
Nope
I use captions to help understand the professors and they can be off or not all videos have the captions
I usually have connection issues on my laptop when I am working in the law library especially around lunch time so I imagine it is a ery busy usage time
Most course specific content that I've seen is not captioned, nor are most live programs, which makes them difficult for me to interact with
no
Ub library's

# Q21 - What technology information did you learn about prior to arriving on campus? (Select all that apply.)



#	Answer	%	Count
1	Checking hardware standards or finding device discounts	7.15%	415
2	Activating your UBITName	25.21%	1464
3	Setting up Duo two-step verification	22.38%	1300
4	Configuring Wi-Fi or ResNet	8.26%	480

5	Getting UBmail on your devices	22.16%	1287
6	Exploring/Downloading free software and apps (Microsoft 365 and more)	12.05%	700
7	Other (please specify):	0.19%	11
8	None of these	2.60%	151
	Total	100%	5808

# Q21\_7\_TEXT - Other (please specify):

Other (please specify): - Text

Daily health checks

I don't remember it has been over 5 years

UBLearns/Get app/UB Mobile

I never went to campus

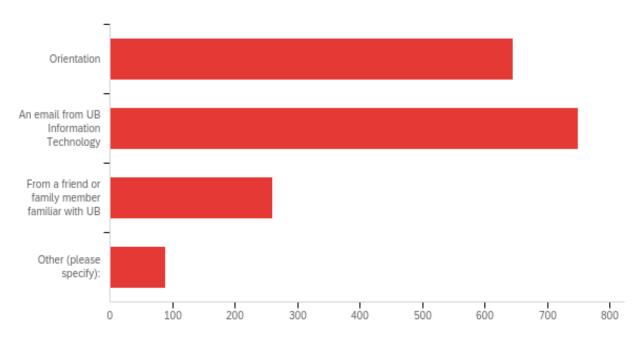
**UB VPN** 

Any of those

I don't remember

What the hell does this question mean?

Q22 - Where did you learn about UB technology information before arriving on campus? (Select all that apply.)



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Where did you learn about UB technology information before arriving on campus? (Select all that apply.) - Selected Choice	1.00	4.00	1.88	0.84	0.71	1742

#	Answer	%	Count
1	Orientation	36.97%	644
2	An email from UB Information Technology	43.00%	749
3	From a friend or family member familiar with UB	14.93%	260
4	Other (please specify):	5.11%	89
	Total	100%	1742

Other (please specify): - Text
Googling "UB software"
All of the above, unable to select multiple options
website
all of the above
UBit website
Website
Searched myself
Through emails from UBIT or by working it out on my own
Lord google
Both Orientation and an email from UBIT (I could only select one option)
website
searching info out myself
UBIT website
Internet , browsing through UB websites
, , , , , , , , , , , , , , , , , , , ,
Cannot select multiple: I learned from Orientation and Friends familiar with UB.
Cannot select multiple: I learned from Orientation and Friends familiar with UB.
Cannot select multiple: I learned from Orientation and Friends familiar with UB.  I went here for undergrad
Cannot select multiple: I learned from Orientation and Friends familiar with UB.  I went here for undergrad  Main website
Cannot select multiple: I learned from Orientation and Friends familiar with UB.  I went here for undergrad  Main website  previous student
Cannot select multiple: I learned from Orientation and Friends familiar with UB.  I went here for undergrad  Main website  previous student  Myself
Cannot select multiple: I learned from Orientation and Friends familiar with UB.  I went here for undergrad  Main website  previous student  Myself  Website, Self-Research
Cannot select multiple: I learned from Orientation and Friends familiar with UB.  I went here for undergrad  Main website  previous student  Myself  Website, Self-Research  Website
Cannot select multiple: I learned from Orientation and Friends familiar with UB.  I went here for undergrad  Main website  previous student  Myself  Website, Self-Research  Website  looking it up
Cannot select multiple: I learned from Orientation and Friends familiar with UB.  I went here for undergrad  Main website  previous student  Myself  Website, Self-Research  Website  looking it up  current employee
Cannot select multiple: I learned from Orientation and Friends familiar with UB.  I went here for undergrad  Main website  previous student  Myself  Website, Self-Research  Website  looking it up  current employee  I probably learnt in orientation but I don't remember
Cannot select multiple: I learned from Orientation and Friends familiar with UB.  I went here for undergrad  Main website  previous student  Myself  Website, Self-Research  Website  looking it up  current employee  I probably learnt in orientation but I don't remember  Previous school
Cannot select multiple: I learned from Orientation and Friends familiar with UB.  I went here for undergrad  Main website  previous student  Myself  Website, Self-Research  Website looking it up  current employee  I probably learnt in orientation but I don't remember  Previous school  my professor

Going through the UB website myself
UB website/ advisor directions
An email from UB
Looking for it myself
Website
I'm a senior
My own research on the UBIT website
UBIT website
From website
Website
I just figured it out myself
UB website
N/A
Online
Pre-Semester Info Sessions
UBIT website
Find on UBIT and MyUB websites
The website.
personal research
My own research
I did it myself
I figured it out myself
UB website
ub eop summer bridge
UN website
Went here before
All of the above it won't let me choose more than one.
looked it up myself
Touring for the school
Calling UBIT department

Learned myself
I looked through all the websites and just figured it out.
Just surfed through the website and found out
The UBIT website
I just did it
UB website
i don't remember
Website
ubit website
Online
I just snooped around the website, know its common to have free software.
Online forums
Researched myself
website
i dont know
UB's website
it was some UB website, not sure which
General inquiry/research
Found UBIT site while browsing on UB websites.
I did not
Track Coach
Class syllabus
Reading the website
UB websites
UBIT Website
UB website
Online
My high school
Website

# Q23 - Are there any other technology services that you would like to see UB provide?

Are there any other technology services that you would like to see UB provide?

Being able to provide funds for personal laptops or desktops for students who do not have adequate technology for their major

It would help to have transcripts from law school lectures. I can't hear my professors very well. Since last year.

more charging areas ipads VR/AR

# N/A

A lot less. Mitigating technology issues is a severe hindrance to education. Use effective simple means that any Professor and student can employ. So much time and energy is wasted on what IT thinks is cool, and is seldom or never used. Many screens and features is just dumb and wasteful. Many classes are oriented wide instead of deep. This makes not much sense in any course I have taken. It makes it more difficult to see and hear professors. This occurs because the focus on on technology and not the professor.

Better wifi

no

# Loaning laptop devices

I like Dropbox better than the current UBBox. I use public computing on campus and I would prefer to have a dedicated folder that synchronized between my home computer and public ones. I like UBfS very much, but I don't like that I have to connect to the VPN to access those network drives.

no

More virus protection software. More software support for Macs

I am satisfied with the technology provided.

Many professors and classes use YouTube frequently for lectures and homework. I think it would be beneficial for instructors and students to have a YouTube Premium subscription in order to watch videos without advertisements and allow students to download videos. Perhaps add it as a fee to allow students to access this subscription. support email to senshelp went unanswered. Software to merge and edit pdf files is needed to submit homework online

no

Make it possible to see current refund or loan status.

nope

no

I received a notice saying that the anti-virus will no longer be available. I think there should be another anti-virus program available for students if the old one is no longer available.

Adobe Pro license and Survey Gizmo license

n/a

minimise the login ask rate

## N/A

More convenient and stable Wifi than eduroam or UBSecure. I cannot run the eduroam config app on my Mac M1, UBSecure sometimes disconnects

I would like to see every classroom have more spaces to plug in laptops. Many classrooms on south campus lack charging capabilities. (Diefendorf 02, Diefendorf 147, Wende 111, Farber 136)

Google Suites collaboration - Google Drive is so helpful in document sharing

bruh the wifi doesnt fucking work half the time, get disconnected everywhere, and everytime there's a need for downtime to test generators or something it's during the most active hours of the night when i need the wifi to do homework (eg, 9-11pm). The nutrislice app doesnt work on my device and im told that will never change and there's no one i can go to for it, and my email is always full of garbage

No idea

#### Minitab for Macbook

I just don't like that everything is Microsoft. Gmail/Google Docs is so much better and more collaborative. Word has so many cons and Outlook email is confusing.

JetBrains intelliJ- Visual Studio Code -

No

fix the wifi it can be slow sometimes and that can be annoying

I think Moodle is a better platform than blackboard.

No

# High-speed internet

I think UB should attempt to integrate Apple products and services such as iCloud and Apple Pay. For example, being able to use UBCard with Apple Pay would be really nice.

No I don't have anything in mind.

A computers or laptops for computer science students in the classrooms as that is an necessity for them.

Adobe Creative Cloud Access on Personal Devices

fridges

a better integrated school class communication standard

n/a

Youtube premium

Classroom locator.+ A single app for all needs.

Providing more software and better connectivity of wifi.

Student assistant tablets/ phones to use when working so personal devices are not over used

Expecting UB to offer some of the cloud services for students where we can run ML algorithms required for course work or build and deploy exiting projects which local machine are not capable. (Example - aws sagemaker, kinesis ) I would like UB to offer more softwares to install in its virtual machines or chance for students to install their required softwares for course work, to explore and learn new technologies in the virtual machine. Any publicly available

computer desks for accessing in case of instant needs.

More laptops! i don't own a laptop of my own and do everything in the school library and on the first day i tried to rent out a laptop and found out they had all been rented, there isn't a sufficient amount for every student who needs one to have one and it isn't feasible for completing work.

I'd like to see a general switch from Microsoft office to the Google provided services (docs, slides, sheets, ect..) that's what most high schools use and it seems strange to switch now, they don't provide much better anyways if anything it makes writing much more difficult.

Not sure

Not that I am aware of!

No

It was great when UBIT provided Symantec/other antivirus

I appreciate you providing in a video editing station in Silverman and would love if there was more than one computer with Adobe Premiere and After Effects

Hardware repair?

I wish UB would provide laptops for those who don't own one. If they do, they should send an email that says how to receive one.

Better VPN services. Access to systems or loan for macbook.

Kindle subscription.

Adobe softwares

Adobe acrobat pdf reader and photoshop

Technology availability for students to use at the medical school. Perhaps dragon speaking talk mics like they use at the hospitals. I know a number of schools also provide laptops or ipads for medical students. I would also like to be able to print using my own computer at the medical school for the 6th floor printer.

We should have more classes that help people learn excel, perhaps between semesters

Photoshop and biorender

I would really like it if UBmail wasn't outlook. It is super frustrating when a prof shares a google doc or slide with the class and I can't access it because my UBmail is outlook, and won't let me open google products.

piazza access for all classes

No

Microsoft windows software.

Adobe software

More classrooms should be technologically equipped. It is expensive and difficult, and UB has been working on this for many years. It's going well - just keep it up. The cutting edge universities have all equipped classrooms, and the faculty will feel more supported with this capacity (and department schedulers more relaxed, haha).

adobe creative suite on personal devices

Not really

Premium anti malware, vpn

Need a stable Wi-Fi connection. eduroam is not as good as UB Secure

I would like to see better discounts. For the requirements, you have to drop almost a grand on a new computer it's crazy

Not really.

nope

pdf converter, photo editing

# N/A

Thank you for the services. I think UBIT can try to have more licensed security software and also educate students on student discounts on tech websites. You can also do news letters a month sharing tips for windows/mac/linux system users

free adobe apps

No

No

I know we already have ordering software, but there are still some restaurants that need to queue up. I hope more restaurants can add GET the APP to order online

UB should collaborate with sites like Coursera, Udemy, and Pluralsight. They can serve as a great supplement to student learning. These platforms have top-class in-detail courses that would really help every single student.

Antivirus software

no

Adobe Acrobat Pro. The free version is very limiting and I have to use sketchier third-party websites sometimes to even merge PDFs. OCR software would also be EXTREMELY helpful, considering how many articles I will download to then find that they are not recognized by my text-to-speech reader. Also, Natural Readers is the best text-to-speech reader I have found, and upgraded versions of it are even more useful. You can download mp3 files of documents and it has built-in OCR but I can't afford the premium versions, and I think OCR software is only available through disabilities, but I don't think I qualify, yet it is still incredibly useful for me.

N/A

None that I can think of.

I'm quite content with the technology services provided now!

Myself and many students would benefit from having access to Adobe Creative Cloud for programs like Photoshop. Many graduate assignments require making media like videos with UB branding, captions, and titles that require Photoshop to do.

I wish there were copy machines like the printing kiosks. It would be so very useful. Also, the WiFi range needs to be enhanced. It shouldn't vanish away while walking towards different buildings on the campus.

N/A

I would love to see UB provide access to study sites such as Quizlet or other studying sights that would help students succeed.

Free operating system like windows 10 education edition

Yes, an IT cell on South Campus. Architecture students need a lot of help with technology and software at least on our personal devices because staying on campus after a certain hour is just not feasible. So some assistance here would be very helpful and running to North won't be required.

No
Better wifi
not really
None that I can think of
Better wifi
Portable laptops
No
Don't know
Improved WiFi, especially eduroam
An overview of how microsoft 365 works, where it saves things and how it interacts with OneDrive. The whole thing is a big confusing mess. I never know where anything is being saved or how to get back into it and the poor IT staff are trying to help, but they don't really know either.
I would like to see all classes be available via Zoom.
Free Software for Adobe would be useful for editing PDFs.
A bunch of Linux machines would be really good along the Mac one's, sometimes you may prefer using Linux due to what kind of work you are trying to do.
Debugging
adobe from personal computers
Instead of making multiple apps, that have multiple glitches/bugs and clunky you could focus on making on really good app.
Nope
free coursera access, access to more softwares like photoshop,
I don't like Lockdown Browser, it stresses me out, can't the teacher just trust us? most exams don't even provide enough time to look up answers
Nope.
nope
WiFi for students living off campus
Universal recording of in-person lectures for re-watching at later times (some of my classes do this but not all)
No
no
Consistently functional WiFi
having blackboard / UBLearns work on my phone (it never does) and maybe access to other otherwise expensive softwares? Other than that, no.
softwares: Other than that, no.

adobe software na none I think overall UBIT does a great job at reaching out to students for feedback Collaboration with datacamp so that students of MIS, Data science can use it for preparing for interviews and upgrading their skills. Data camp is one of the websites which most of MIS, DS students prefer. I mainly came here to say that when eduroam wifi disconnects on mobile there is no good way to tell the device to reconnect to it, since it's supposed to connect automatically through the Secure app. You can't just tap 'connect', it comes up with a bunch of log in information and such which doesn't get you anywhere. Teams Having a silent room for those in need of taking an online exam to have quiet work space and reliable Wi-Fi to complete the exam. It's very inconvenient and can be noisy taking online exams on campus. Please allow google docs to be editable offline, especially with wifi issues No One drive space from Microsoft I would like to see a software that is free that protects students laptop AND ipads. Or a VPN that is specifically used ony for students on their phones. N/A Charging stations Quiet spaces in the library laptop charging cables Hardware fix services nothing Computer setup services, Educational license softwares Softwares for design and programming like ansys or solidworks Wifi Better wifi Not really. UB offers great services to its student and I am very happy with that I would like to see free video/audio editing software provided for students. As a performing arts major, this software is necessary for my major, yet is not offered to me. The Adobe Cloud with Photoshop and Premiere The Eternet boxes in the dorms and a faster response rate than the one that is in place now Online subscriptions for students on coding platforms like Leetcode, they feel expensive Help centre to be more helpful.

Frequent zoom virtual classes

The Adobe Suite, at least for the graphic design and marketing students	
No	
None	
Greater access to Creative Cloud Less invasive alternative to Respondus Lockdown	
Antivirus software	
Please increase the email app available for accessing UBMail. Current ones, are very inefficient and ugly	/!
Offers or discounts on more software (i.e. Adobe Suite)	
NA	
I would like a free vpn offered	
No	
I have used password managers for several years and I think it is a great idea that UBIT is investigating t service, both from an IT security and computer literacy perspectives.	his as a
Spaces on campus for students to attend zoom meetings	
No	
adobe acrobat	
Slack pro version	
Canvas is much more user-friendly and functional than Blackboard	
More online food ordering systems for on campus food	
Streaming services, Antivirus, Gaming application	
I've heard that UB plans on getting rid of UB Box as the Microsoft 365 package rolls out for students (has switch to One Drive instead which I don't necessarily like), but I use UB Box for everything and would vetto keep it!  Better wifi, the connectivity is bad. I would like to open my computer and automatically connect to edu instead of having to do it manually every time.	ery much like
not atm	
No	
Stronger and faster Wi-Fi	
No	
A printer near the east end of ellicott	
No	
I think it would be nice if there is some sort of discount for apple products specifically mac computers a	nd macbook
Laptop to take home	
Nothing needs improvement	

better wifi
none
Internet services for off-campus housing.
I can tell you I Don't want to see a fucking E Sports arena before you renovate our ancient buildings
Please increase the laptop loan procedure. Sometimes students need laptop ASAP. Can't wait for a que to get a laptop
Anti-virus
Free Adobe products to all majors, its useful all throughout my classes such as Writing and Rhetoric as we've had projects that editing softwares would come in very handy.
Would be great if UB students are allowed to access the paid courses on Coursera/Udemy for free
No
Free photoshop
No
antivirus
Having adobe free would be great for many projects that we do in classes
no.
Not really - but the wifi during the first week of every semester is terrible
N/A I feel like the technology accessibility is very good at UB, minimal trouble with it overall.
Cannot think of anything right now.
n/a
n/a
Wifi
Not currently.
N/a
A Good anti-virus software
Allow me to use one note on multiple devices
None.
VPN services as well as Dashlane password security
I suggest free AWS VM for those students who are interested to work on them. Right now, students with classes related to AWS only have the access, but for those who don't have classes but wants to learn. Apart from that, I found few classes harder to grasp, wish I have Coursera/Udemy business account linked to school so that at least few courses will be free for students.
I would like to see UB provide more HDMI cords for Macs so that when I rent out a study room in Silverman library I

can connect my computer to the screen.

Laptops Wifi service at home
n/a
Bring back symantec virus protection software. Bring Free adobe pdf apps to edit them and combine pdfs and such
Acrobat Pro/Adobe DC - a professor creates notes pages but they are in PDF. Without an advanced version of Acrobat/Adobe, the forms are not interactive and therefore taking notes electronically is extremely challenging. If we had the ability to Edit the PDF, note taking would be easier.
Easier wifi access, google drive accounts
no
I'm honestly not familiar enough with what tech services you already provide to suggest any
No.
Just as it has been difficult to use Wi-Fi for a few days since the start of this semester, I would like UBIT to give students feedback on the problem as soon as possible :)
N/A
No.
no
An antivirus would be good
Discounted adobe creative cloud subscriptions
N/A
Stop forcing students to download the invasive Respondus software for personal devices. It harms the computer tech and has potential to interfere with processes outside of Respondus use. There is no need for computer exams when in person.
No.
Something that could make sure the wifi is running smoothly
I would like to see UB provide some of the hw turn in softwares i am required to get for some of my classes
Technology is going to be the future. And I believe that it would be great if UB got robots that could be of help in class and around in school and that robot could perform several functions like watching around campus and making sure everything is comfortable with freshies. This robot would not only save time, but also be a surveillance unless of-course, stolen. It's a little far fetched but I think it would be of great help.
N/A
NA
No
Some of the adobe suite would be good to offer, like Photoshop
Better capability between outlook account and google platforms
N/A
None

n/a
no
Functional internet
I want UB to stop using blackboard. Canvas is better. In blackboard you have to login each time you try to watch a lecture recording and the link does not open in all the browsers.
No
No
Secure VPN for student use
Adobe products being free the way microsoft365 is.
Nope
Put outdoor APs at the stadium, the internet coverage is poor for public access at the football games.
I think tech can be a great resource to make coursework more accessible to disabled students, but I think forcing these "solutions" on all students is actually not fixing anything and really is just a boundoggle and throwing money at companies that are privatizing education.
Discount on adobe creative for students. Please update the discount page for buying computer or laptops (Lenovo, Macintosh, Dell, HP). I believe the links are outdated and less variety of computer/laptop selection.
Having the students able to use the computer/projector inside classrooms. It says we need a code to unlock the computer making us unable to use it so we can study with our study groups.
Pdf scanner apps so I don't have to rely on free apps on my phone
No
adobe creative cloud
Hotspot devices
Adobe - to edit PDFs
N/A
NA .
N/A
Nope
It's the quality of the services and how well they work together that needs to be improved!! As well as ease of use!!!
Free Adobe access
Personalized cyber security evaluation/assistance. Transcription software.
Free grammar or pronunciation mistake technologies.
Not having a comprehensive printing center outside of Lockwood at the hegipping of Fall 2021 was very confusing to

Not having a comprehensive printing center outside of Lockwood at the beginning of Fall 2021 was very confusing to many students. I work in the library, and much of the responsibility to teach students about wepa and to navigate printing issues was initially shifted to us. We're not trained, and if we're expected to provide tech support, we should be paid as much as the IT student assistants. Anyhow, we've also had many people coming into Lockwood asking where UBIT is, where they can set up an appointment with them, how printing works, about charging stations

and other tech needs that we simply don't have. If UBIT announced where they had moved, many people missed it.

Adobe creative cloud

n/a

UB should provide LinkedIn Learning or like any such platform tie up for better industry ready courses.

More note taking and easy to use calenders that are designed for students such as having Google calendar like program but using a code to transfer everything on syllabi yo the calender.

A free video editor tool

N/A

## Adobe suite

We are currently using adobe fusion 360 provided by our college id for mechanical model designing. I and many more prefer solidworks or catia for designing. The point being we are well versed in designing in other softwares but we only have an option of designing on fusion 360. So if UB could provide other options in designing software apart from fusion 360, that would be great

adobe

More engineering software such as CAD

I would like the UB email to be GMAIL, not OUTLOOK. I strongly prefer GMAIL over OUTLOOK and on my phone I receive gmail emails immediately, whereas outlook emails do not notify me immediately.

Better wifi

no

Adobe Creative Cloud would be awesome since other schools offer it and it is a big financial burden to students who need it for their classes like myself.

Better access to UB libraries on mobile devices. Currently, the experience is only good on desktops and not through the browsers on mobiles/tabs

I didn't mean to click this

I would like to see improvement on the mobile version of blackboard at this point in time it is not even worth using. Also I would like to see the ability to join zooms without having to go through 10 steps and open 5 tabs. More effective ways to join zoom meetings.

nope

Excel

Password saver like LastPass. Better technology for dining places and mobile ordering.

I can't think of any.

Vpn and password managers

Maybe private study areas for computer use? If I have to do work or take quizzes or tests on a computer at school, I'd like to be isolated to focus better. All the computers in lockwood are out in the open at tables. I wonder if there's somewhere else where there are computers in study cubbies?

n/a

More loaner laptops. COVID caused them to be delivered later and this left me without a laptop for the first couple weeks of school.

bring back virus protection. Need otter.ai (now has a free higher ed edition) Grammarly Adobe professional Not really a tech service but I would appreciate if the lectures get recorded too. The only reason to this is that sometime, Professors have a very heavy accent which makes it difficult to understand but if it is recorded, you can re-play it couple times to complete your notes No not any that i can think of Printing kiosks in off campus housing communities which are exclusively for UB students. I would like for there to be available to students to download free software of Adobe creative cloud because as a student, I don't want to continue to have to go to the library or other publicly shared devices in order to use the software and have it available to me for use on my own computer instead. None Connection to the wifi is pretty much difficult thing, UB learn app (black board) app is not working well. No free music streaming services propeller hats Probably a button in every ub stop so that the drivers know that there are still students in those stops and they don't slack off More editing features for files saved in ub box No nope A password managing service so passwords can be differentiated and remembered easily. no N/A No, not at this time Adobe products No No No I can't really think of any. No N/A